

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061621\  
 Data File : VN067367.D  
 Acq On : 16 Jun 2021 17:00  
 Operator : JC/MD  
 Sample : VN0616WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0616WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/17/2021 3:09:37 PM

Quant Time: Jun 17 04:20:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N061121W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jun 12 09:13:15 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Bromochloromethane        | 7.659          | 128  | 66586      | 30.00   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.971          | 114  | 408765     | 30.00   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.749         | 117  | 371156     | 30.00   | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.440          | 65   | 215735     | 30.83   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 102.77% |        |          |
| 60) 4-Bromofluorobenzene     | 12.736         | 95   | 206435     | 28.81   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 96.03%  |        |          |
| 63) Toluene-d8               | 10.443         | 98   | 550737     | 31.11   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 103.70% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073          | 85   | 99832      | 20.10   | ug/l   | 97       |
| 3) Chloromethane             | 2.300          | 50   | 100780     | 18.92   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.443          | 62   | 100769     | 19.17   | ug/l   | 93       |
| 5) Bromomethane              | 2.850          | 94   | 49768      | 18.86   | ug/l   | 95       |
| 6) Chloroethane              | 3.017          | 64   | 59205      | 19.29   | ug/l   | 90       |
| 7) Trichlorofluoromethane    | 3.371          | 101  | 136615     | 19.46   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.824          | 74   | 56667      | 19.80   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.202          | 101  | 86200      | 20.76   | ug/l   | 97       |
| 10) 1,1-Dichloroethene       | 4.175          | 96   | 78615      | 19.49   | ug/l   | 98       |
| 11) Methyl Iodide            | 4.417          | 142  | 78902      | 16.27   | ug/l   | 99       |
| 12) Methyl Acetate           | 4.856          | 43   | 113287     | 18.93   | ug/l   | 97       |
| 13) Acrolein                 | 4.041          | 56   | 71655      | 100.36  | ug/l   | 96       |
| 14) Acrylonitrile            | 5.559          | 53   | 246805     | 98.25   | ug/l   | 99       |
| 15) Acetone                  | 4.293          | 58   | 63156      | 100.52  | ug/l   | 90       |
| 16) Carbon Disulfide         | 4.521          | 76   | 252743     | 19.76   | ug/l   | 97       |
| 17) Allyl chloride           | 4.838          | 41   | 168222     | 19.17   | ug/l   | 96       |
| 18) Methylene Chloride       | 5.092          | 84   | 98929      | 19.99   | ug/l   | 98       |
| 19) trans-1,2-Dichloroethene | 5.594          | 96   | 88719      | 20.18   | ug/l   | 99       |
| 20) Diisopropyl ether        | 6.500          | 45   | 344822     | 20.25   | ug/l   | 99       |
| 21) 1,1-Dichloroethane       | 6.385          | 63   | 191384     | 20.29   | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 7.327          | 96   | 104760     | 20.05   | ug/l   | 96       |
| 23) tert-Butyl Alcohol       | 5.387          | 59   | 103893     | 93.31   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.618          | 73   | 330063     | 19.26   | ug/l   | 99       |
| 25) Chloroform               | 7.820          | 83   | 189180     | 19.59   | ug/l   | 100      |
| 26) Cyclohexane              | 8.094          | 56   | 169474     | 20.73   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 8.222          | 75   | 145746     | 19.92   | ug/l   | 97       |
| 30) 2-Butanone               | 7.340          | 43   | 353838     | 94.21   | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 7.327          | 77   | 181138     | 23.12   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 8.013          | 97   | 166614     | 17.92   | ug/l   | 97       |
| 33) Carbon Tetrachloride     | 8.206          | 117  | 134497     | 17.21   | ug/l   | 98       |
| 34) Benzene                  | 8.461          | 78   | 410064     | 19.93   | ug/l   | 99       |
| 35) Methacrylonitrile        | 7.640          | 41   | 77736      | 19.21   | ug/l   | 94       |
| 36) 1,2-Dichloroethane       | 8.533          | 62   | 164267     | 18.76   | ug/l   | 99       |
| 37) Trichloroethene          | 9.215          | 130  | 91542      | 18.79   | ug/l   | 98       |
| 38) Methylcyclohexane        | 9.461          | 83   | 168554     | 22.37   | ug/l   | 96       |
| 39) 1,2-Dichloropropane      | 9.494          | 63   | 108309     | 19.49   | ug/l   | 97       |
| 40) Dibromomethane           | 9.577          | 93   | 72092      | 18.90   | ug/l   | 95       |
| 41) Bromodichloromethane     | 9.764          | 83   | 151807     | 18.46   | ug/l   | 99       |
| 42) Vinyl Acetate            | 6.436          | 43   | 1498701m   | 94.81   | ug/l   |          |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061621\  
 Data File : VN067367.D  
 Acq On : 16 Jun 2021 17:00  
 Operator : JC/MD  
 Sample : VN0616WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0616WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/17/2021 3:09:37 PM

Quant Time: Jun 17 04:20:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N061121W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jun 12 09:13:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 7.415  | 43   | 156227m  | 20.45  | ug/l   |          |
| 44) Isopropyl Acetate         | 8.566  | 43   | 257656   | 18.24  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 9.574  | 88   | 34406    | 374.11 | ug/l # | 94       |
| 46) Methyl methacrylate       | 9.563  | 41   | 113768   | 18.13  | ug/l   | 97       |
| 47) n-amyl Acetate            | 12.390 | 43   | 204806   | 17.10  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 10.722 | 75   | 166879   | 18.37  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 10.191 | 75   | 180357   | 19.76  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane     | 10.902 | 97   | 93422    | 18.85  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.765 | 69   | 165926   | 18.32  | ug/l   | 100      |
| 52) 1,3-Dichloropropane       | 11.046 | 76   | 175247   | 19.41  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.242 | 129  | 94525    | 17.15  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.349 | 107  | 92471    | 17.89  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.043 | 63   | 213774   | 93.15  | ug/l   | 99       |
| 56) Bromoform                 | 12.460 | 173  | 57473    | 15.36  | ug/l # | 98       |
| 58) 4-Methyl-2-Pentanone      | 10.336 | 43   | 754334   | 92.46  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.089 | 43   | 526276   | 89.20  | ug/l   | 98       |
| 61) Tetrachloroethene         | 10.979 | 164  | 81543    | 18.95  | ug/l   | 92       |
| 62) Toluene                   | 10.507 | 91   | 434727   | 19.57  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.776 | 112  | 240899   | 18.46  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 87698    | 17.78  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.848 | 91   | 491747   | 19.06  | ug/l   | 98       |
| 67) m/p-Xylenes               | 11.958 | 106  | 341692   | 37.55  | ug/l   | 100      |
| 68) o-Xylene                  | 12.285 | 106  | 166295   | 18.31  | ug/l   | 99       |
| 69) Styrene                   | 12.296 | 104  | 274706   | 17.99  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.583 | 105  | 447721   | 19.14  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 132466   | 18.61  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.884 | 75   | 126541m  | 17.84  | ug/l   |          |
| 73) Bromobenzene              | 12.865 | 156  | 84246    | 17.30  | ug/l   | 92       |
| 74) n-propylbenzene           | 12.924 | 91   | 551776   | 19.62  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 328200   | 18.43  | ug/l # | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.063 | 105  | 375476   | 18.94  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.629 | 75   | 44286    | 17.92  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 13.109 | 91   | 325151   | 18.36  | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.326 | 119  | 302263   | 18.98  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 368144m  | 18.81  | ug/l   |          |
| 81) sec-Butylbenzene          | 13.506 | 105  | 446610   | 20.20  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.618 | 119  | 345846   | 19.40  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene       | 13.618 | 146  | 159850   | 18.21  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.699 | 146  | 156095   | 17.72  | ug/l   | 99       |
| 85) n-Butylbenzene            | 13.946 | 91   | 342800   | 20.67  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.214 | 117  | 63378    | 17.37  | ug/l   | 95       |
| 87) 1,2-Dichlorobenzene       | 13.991 | 146  | 152311   | 17.78  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 28434    | 15.77  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.268 | 180  | 73937    | 16.97  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.372 | 225  | 40894    | 17.68  | ug/l   | 98       |
| 91) Naphthalene               | 15.509 | 128  | 217899   | 14.90  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 70104    | 16.54  | ug/l   | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

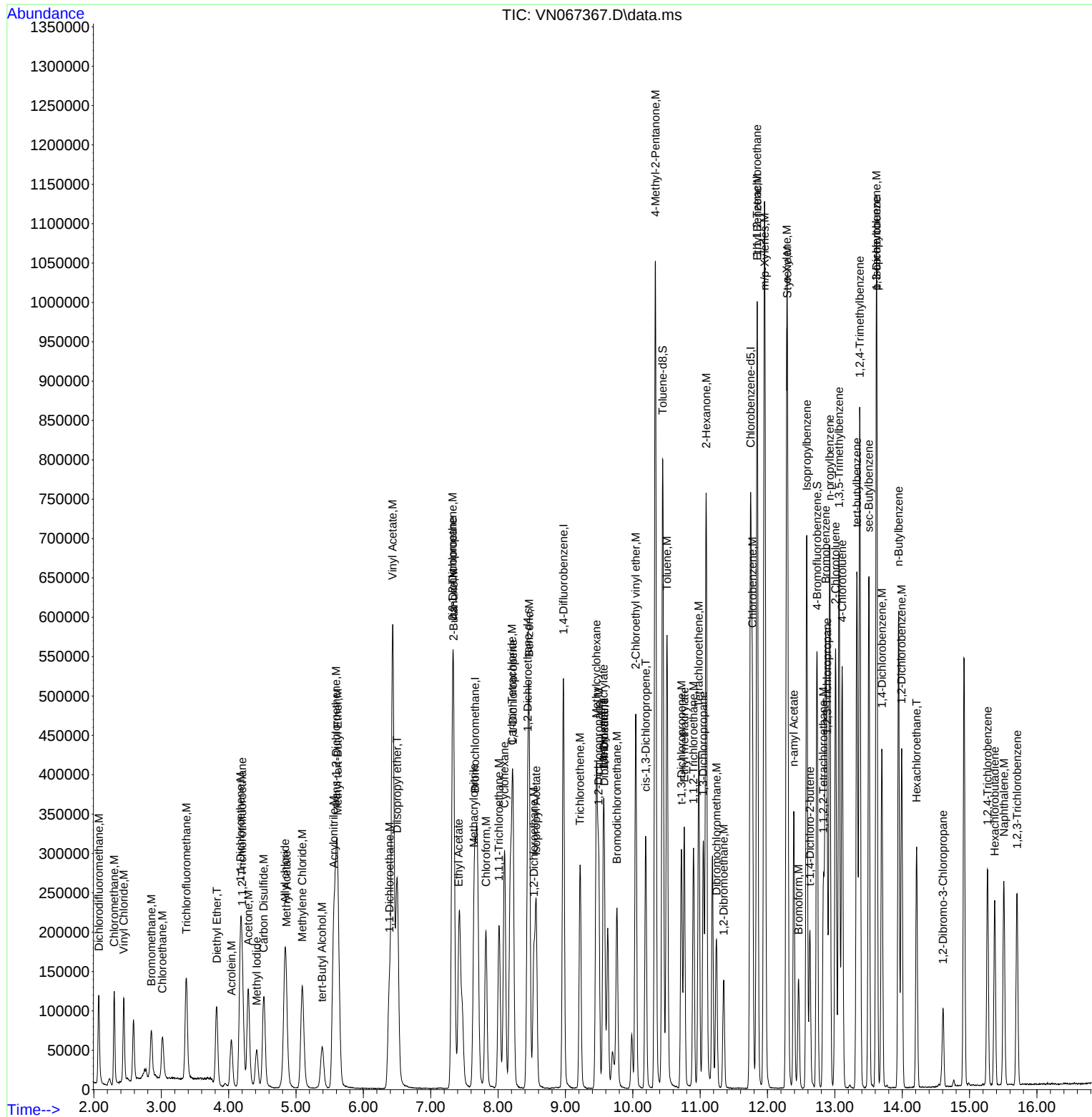
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Data File : VN067367.D  
Acq On : 16 Jun 2021 17:00  
Operator : JC/MD  
Sample : VN0616WBS01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

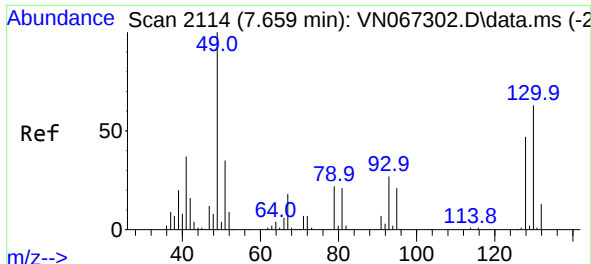
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

Manual Integrations  
APPROVED

MMDadoda  
6/17/2021 3:09:37 PM

Quant Time: Jun 17 04:20:59 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N061121W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Jun 12 09:13:15 2021  
Response via : Initial Calibration





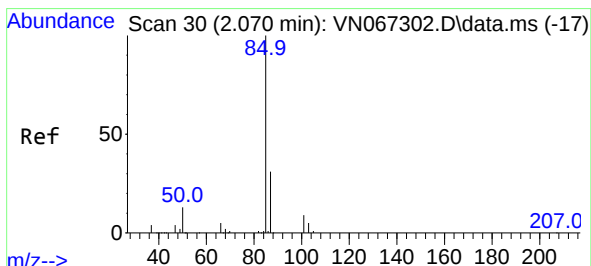
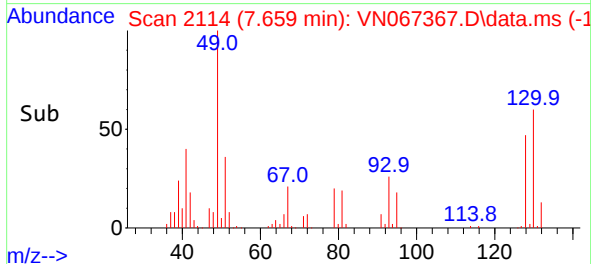
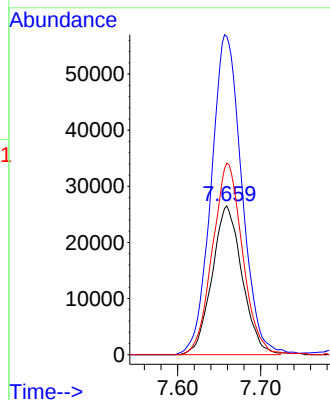
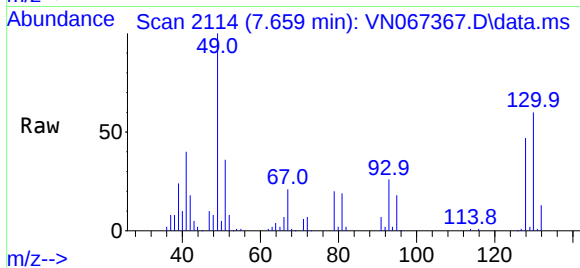
#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:128 Resp: 66586  
Ion Ratio Lower Upper  
128 100  
49 218.3 0.0 517.5  
130 129.1 0.0 325.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

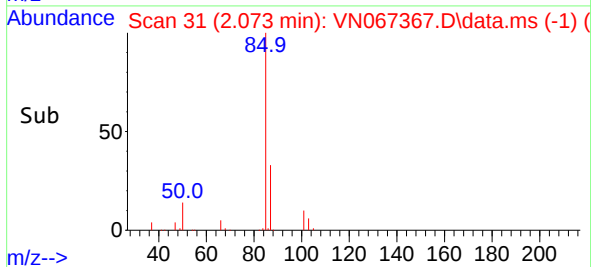
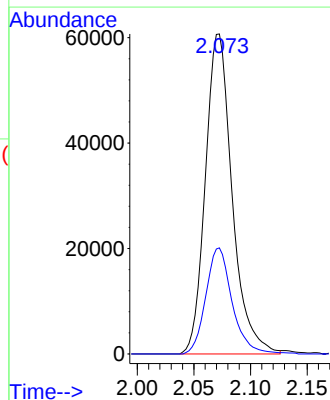
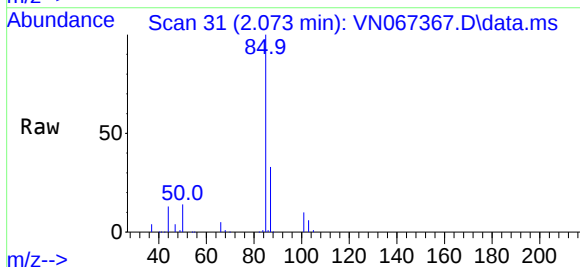
Manual Integrations  
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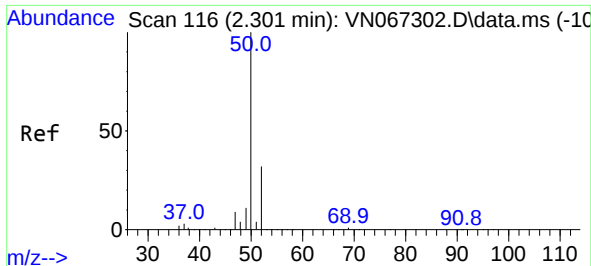
MMDadoda  
6/17/2021 3:09:37 PM



#2  
Dichlorodifluoromethane  
Concen: 20.10 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 85 Resp: 99832  
Ion Ratio Lower Upper  
85 100  
87 33.2 15.7 47.0





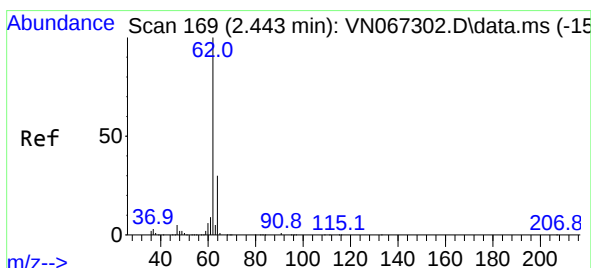
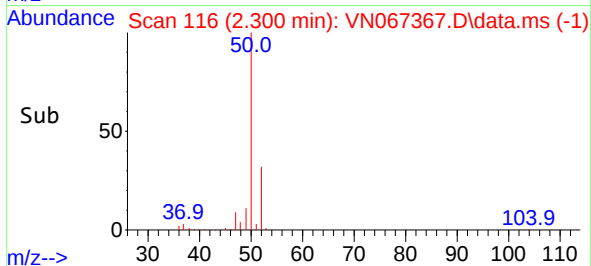
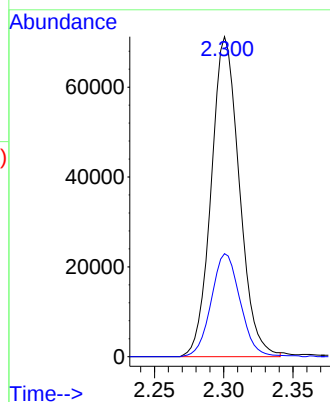
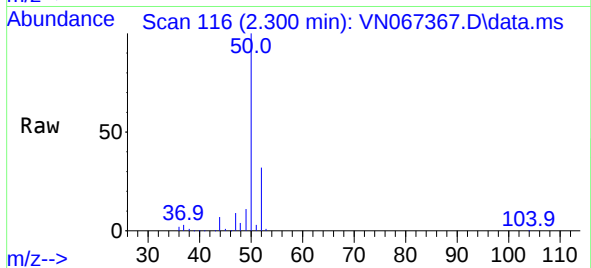
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Chloromethane  
Concen: 18.92 ug/l  
RT: 2.300 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 50 Resp: 100780  
Ion Ratio Lower Upper  
50 100  
52 32.2 26.0 39.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

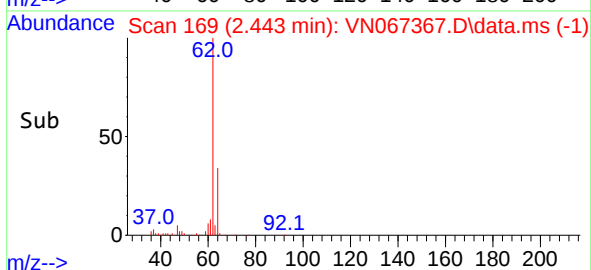
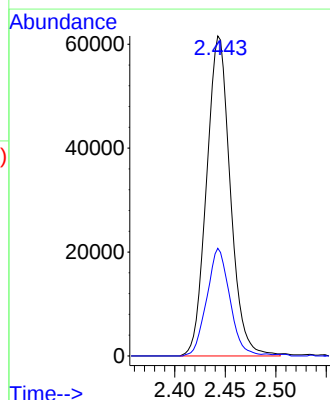
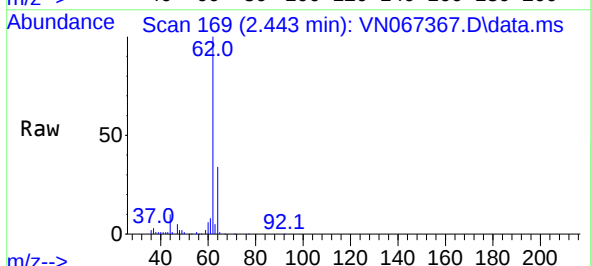
Manual Integrations  
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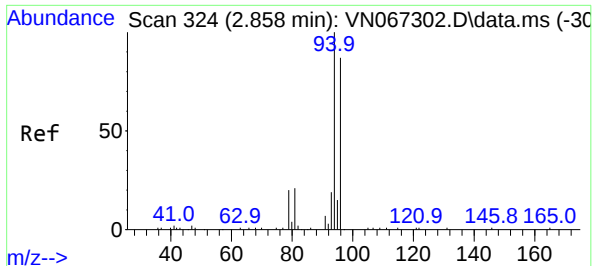
MMDadoda  
6/17/2021 3:09:37 PM



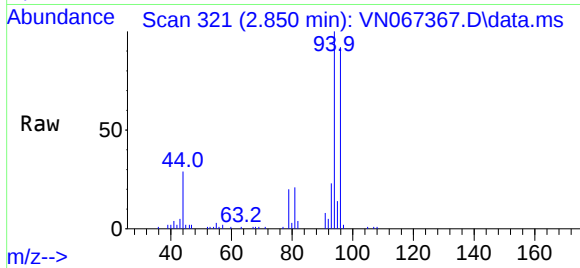
#4  
Vinyl Chloride  
Concen: 19.17 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 62 Resp: 100769  
Ion Ratio Lower Upper  
62 100  
64 33.6 23.7 35.5

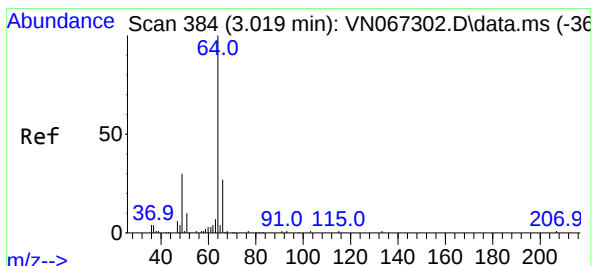
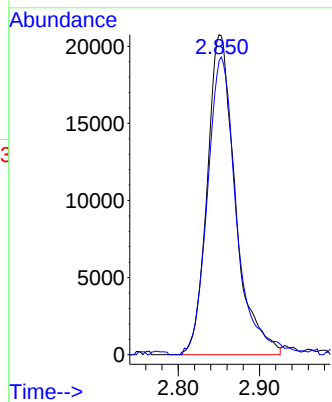
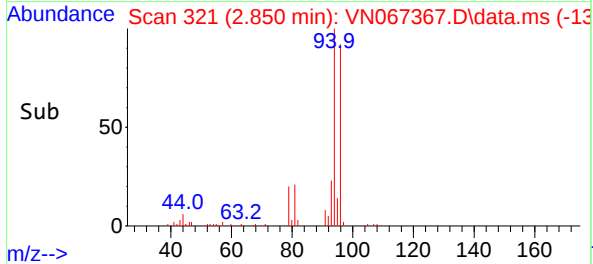




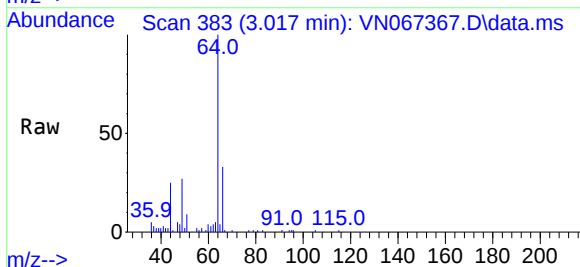
#5  
Bromomethane  
Concen: 18.86 ug/l  
RT: 2.850 min Scan# 321  
Delta R.T. -0.008 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



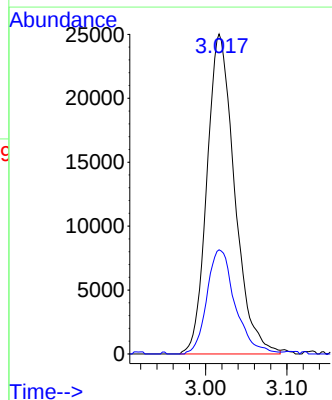
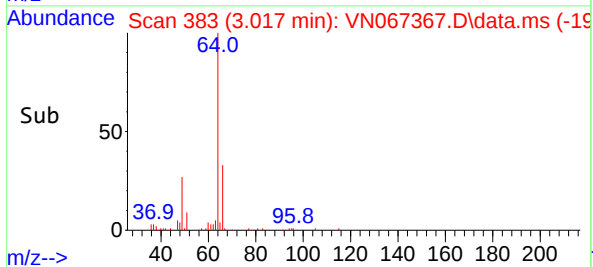
Tgt Ion: 94 Resp: 49768  
Ion Ratio Lower Upper  
94 100  
96 91.9 69.4 104.2



#6  
Chloroethane  
Concen: 19.29 ug/l  
RT: 3.017 min Scan# 383  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



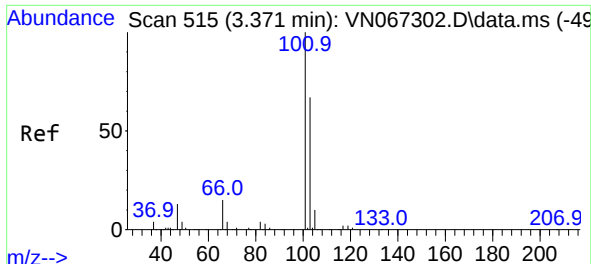
Tgt Ion: 64 Resp: 59205  
Ion Ratio Lower Upper  
64 100  
66 31.9 21.5 32.3



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

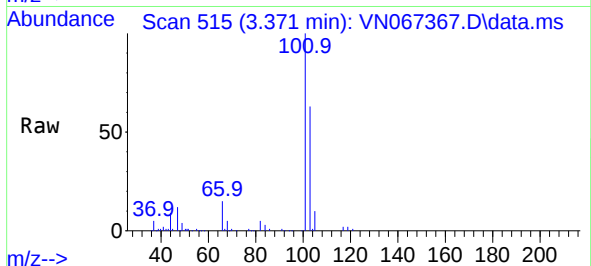
Manual Integrations  
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MMDadoda  
6/17/2021 3:09:37 PM



#7  
Trichlorofluoromethane  
Concen: 19.46 ug/l  
RT: 3.371 min Scan# 515  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

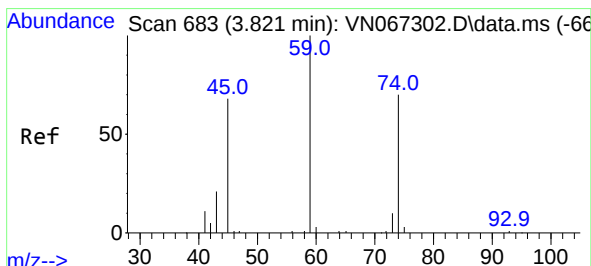
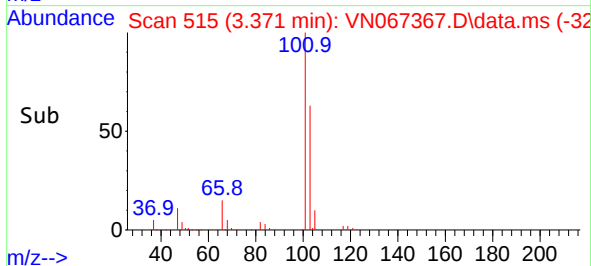
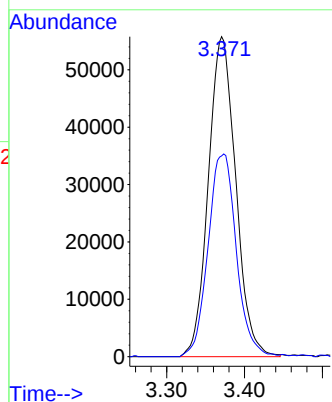
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



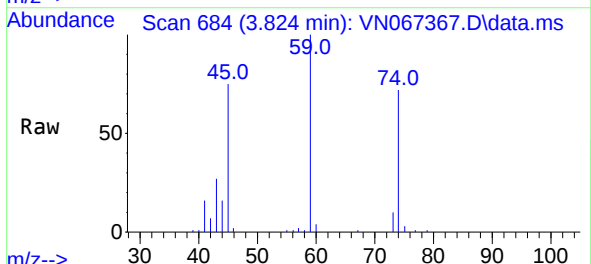
Tgt Ion:101 Resp: 136615  
Ion Ratio Lower Upper  
101 100  
103 62.7 53.7 80.5

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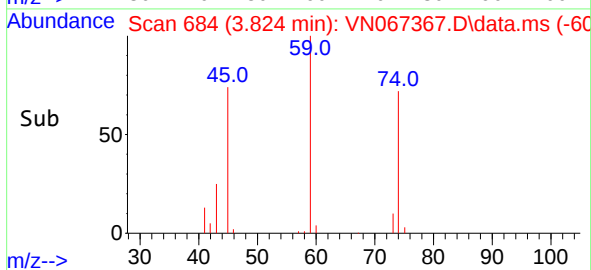
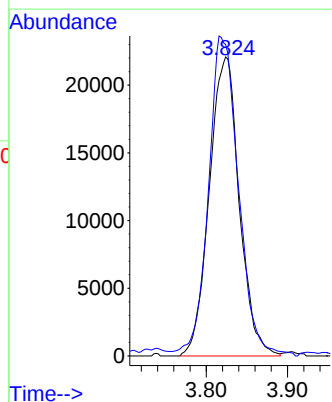
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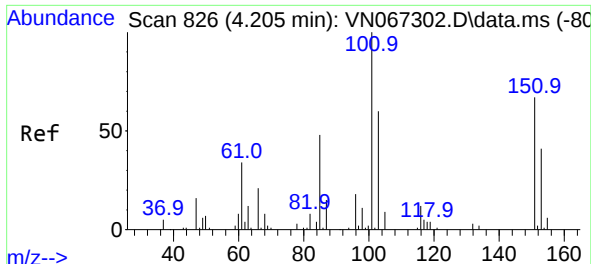


#8  
Diethyl Ether  
Concen: 19.80 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



Tgt Ion: 74 Resp: 56667  
Ion Ratio Lower Upper  
74 100  
45 107.0 20.3 182.5





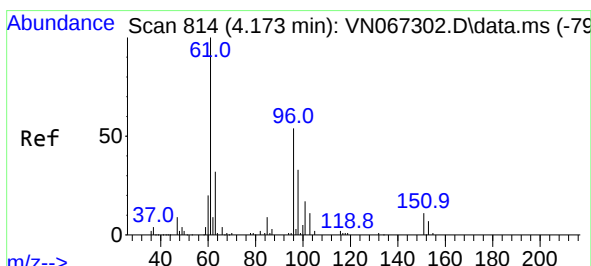
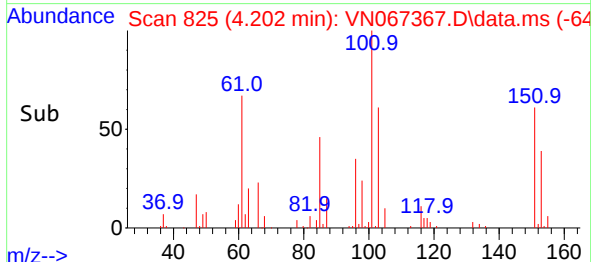
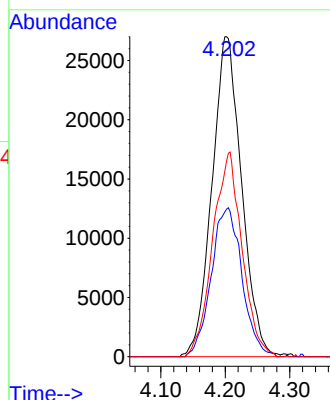
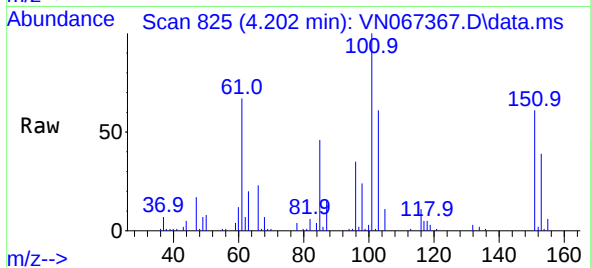
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.76 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 101 Resp: 86200  
Ion Ratio Lower Upper  
101 100  
85 48.3 0.0 97.8  
151 63.2 0.0 135.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

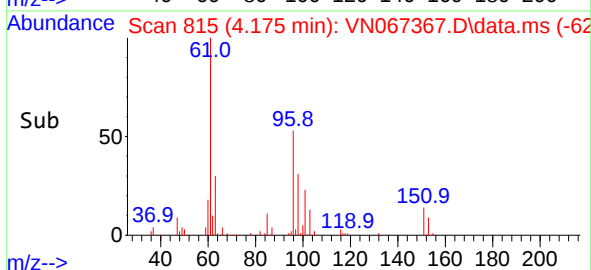
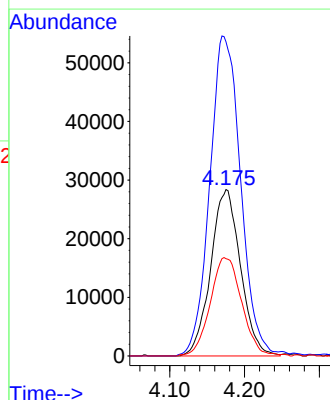
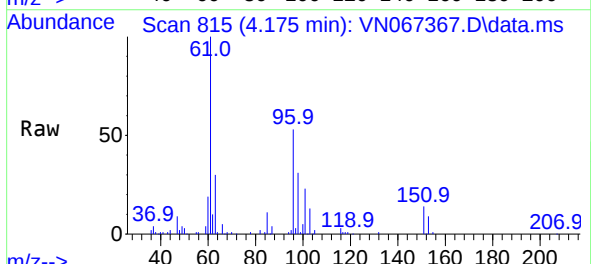
Manual Integrations  
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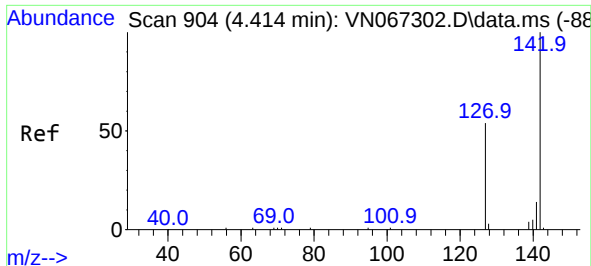
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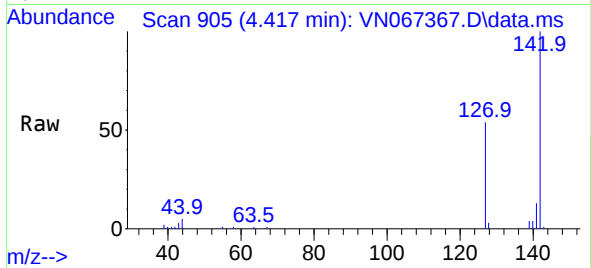
#10  
1,1-Dichloroethene  
Concen: 19.49 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 96 Resp: 78615  
Ion Ratio Lower Upper  
96 100  
61 187.9 148.3 222.5  
98 57.7 48.6 73.0

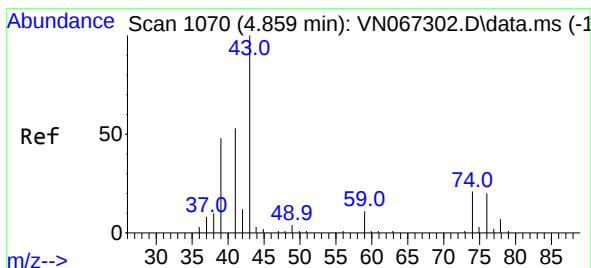
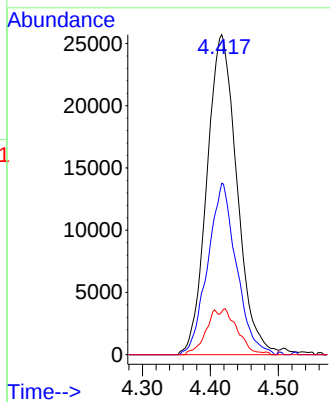
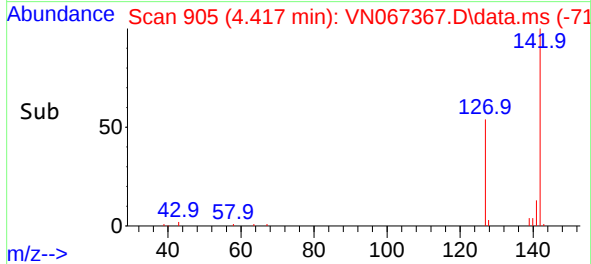




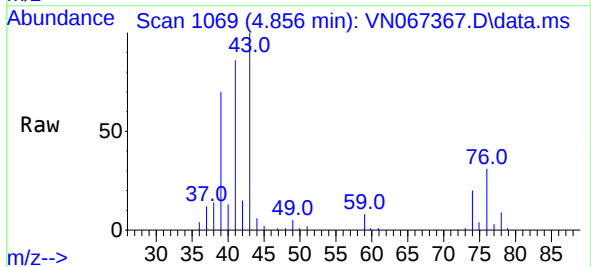
#11  
Methyl Iodide  
Concen: 16.27 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



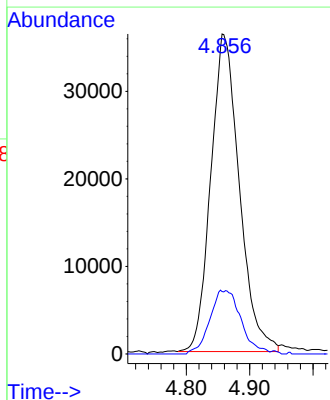
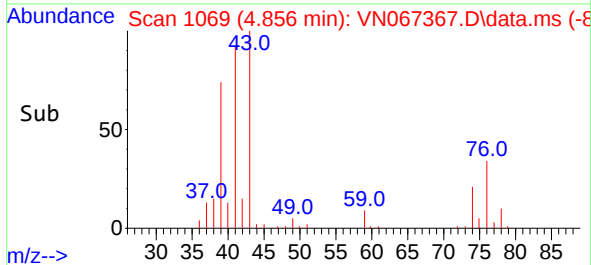
Tgt Ion:142 Resp: 78902  
Ion Ratio Lower Upper  
142 100  
127 53.5 27.2 81.5  
141 13.5 6.9 20.7



#12  
Methyl Acetate  
Concen: 18.93 ug/l  
RT: 4.856 min Scan# 1069  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



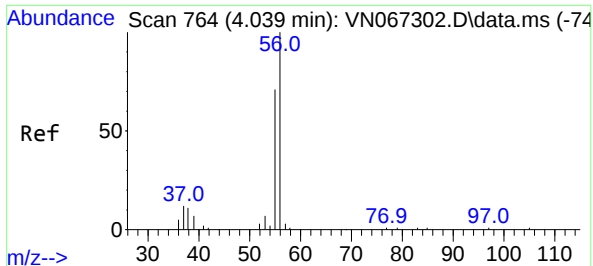
Tgt Ion: 43 Resp: 113287  
Ion Ratio Lower Upper  
43 100  
74 19.6 16.6 25.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

Manual Integrations  
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6/17/2021 3:09:37 PM



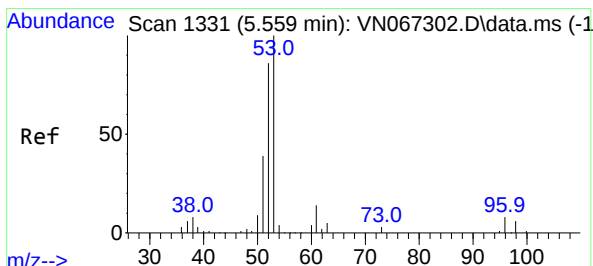
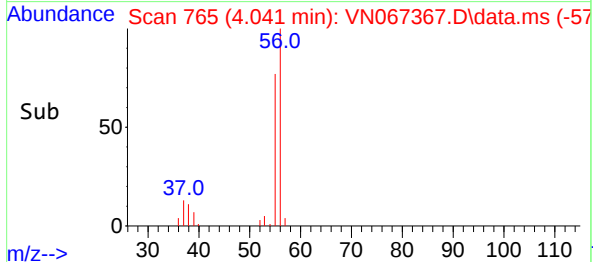
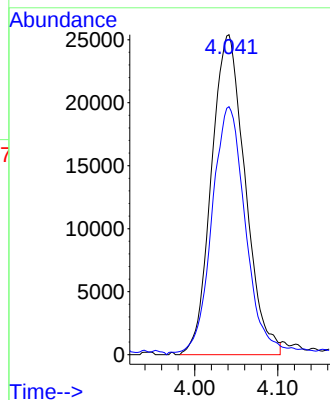
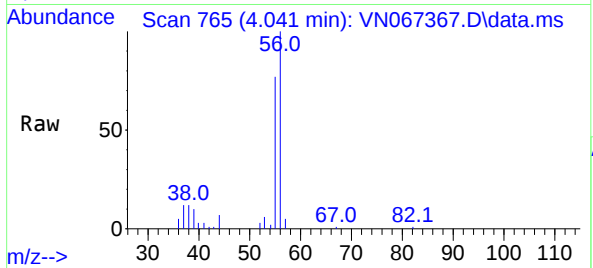
#13  
Acrolein  
Concen: 100.36 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 56 Resp: 71655  
Ion Ratio Lower Upper  
56 100  
55 74.8 57.5 86.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

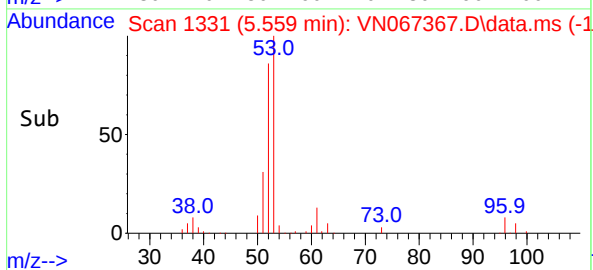
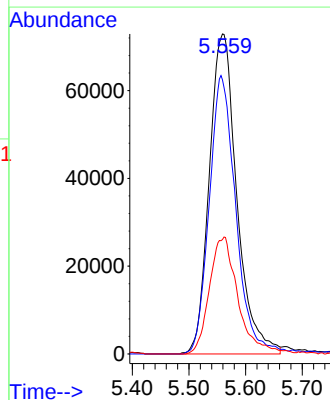
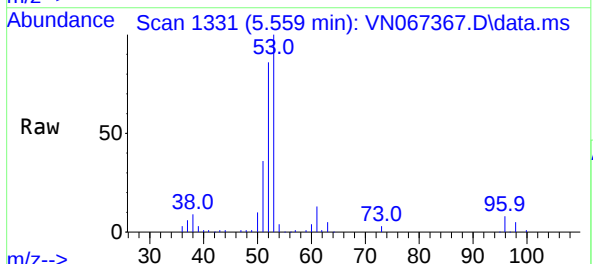
Manual Integrations  
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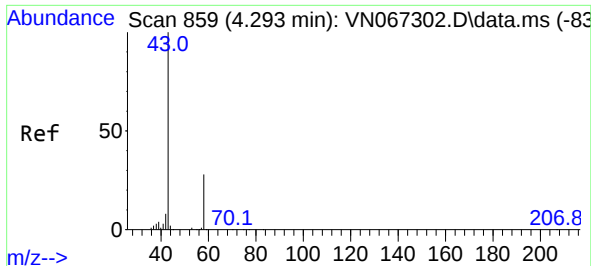
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6/17/2021 3:09:37 PM



#14  
Acrylonitrile  
Concen: 98.25 ug/l  
RT: 5.559 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

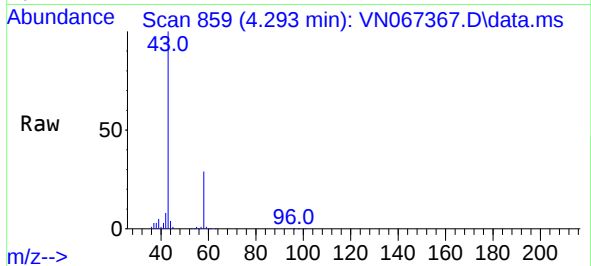
Tgt Ion: 53 Resp: 246805  
Ion Ratio Lower Upper  
53 100  
52 83.2 41.8 125.4  
51 36.7 18.1 54.3





#15  
Acetone  
Concen: 100.52 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

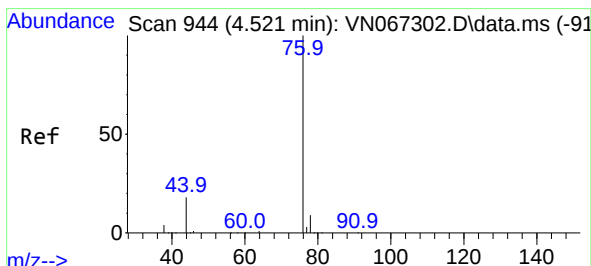
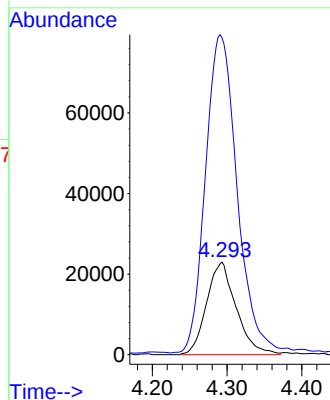
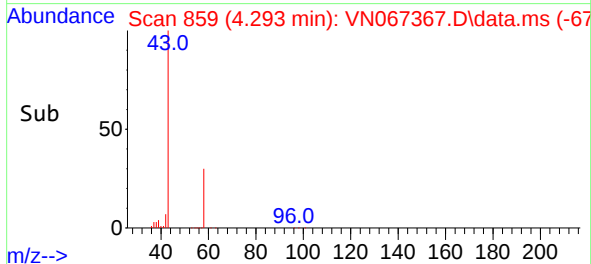
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



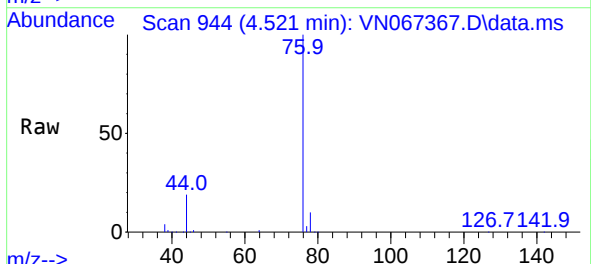
Tgt Ion: 58 Resp: 63156  
Ion Ratio Lower Upper  
58 100  
43 339.4 289.6 434.4

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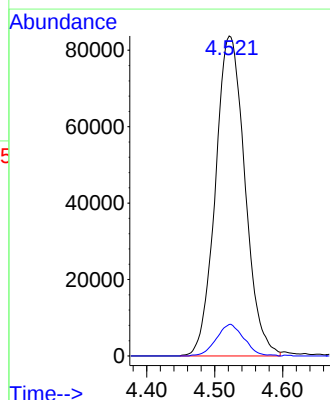
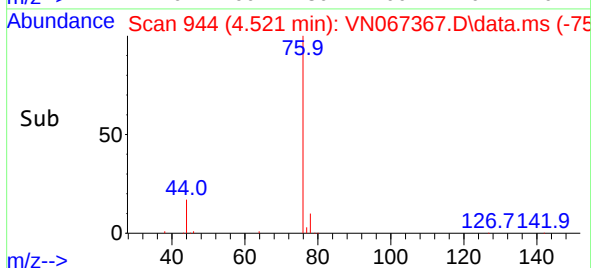
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6/17/2021 3:09:37 PM

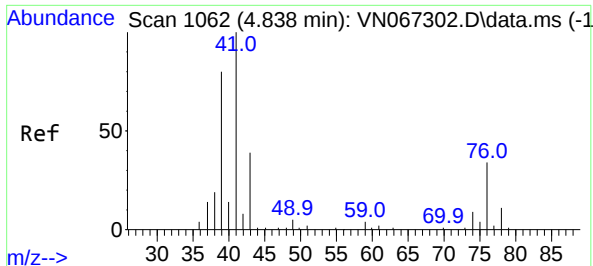


#16  
Carbon Disulfide  
Concen: 19.76 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



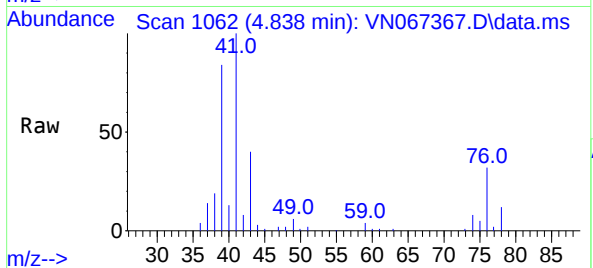
Tgt Ion: 76 Resp: 252743  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.0 10.4





#17  
Allyl chloride  
Concen: 19.17 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

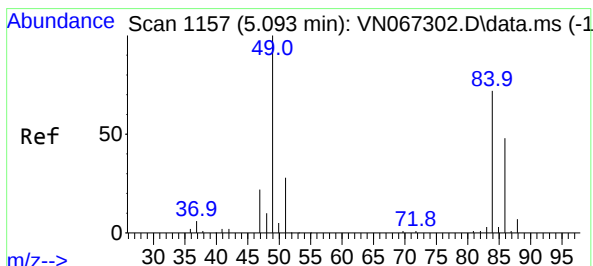
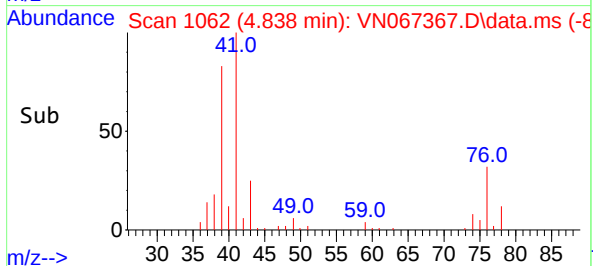
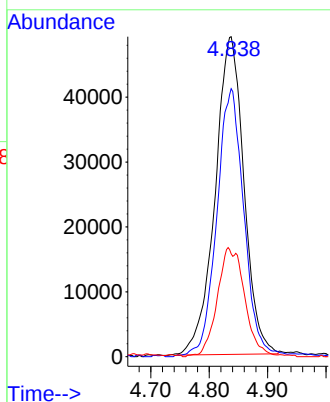
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



Tgt Ion: 41 Resp: 168222  
Ion Ratio Lower Upper  
41 100  
39 84.0 39.8 119.4  
76 31.9 16.8 50.4

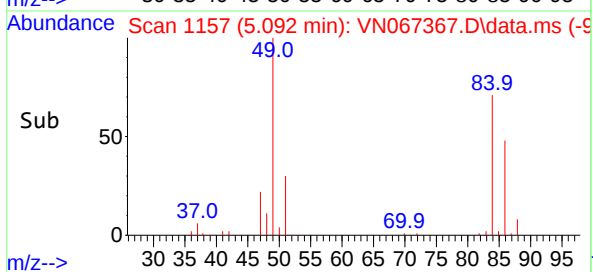
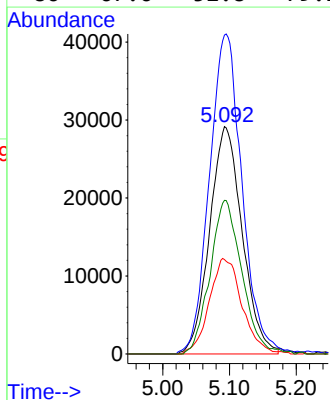
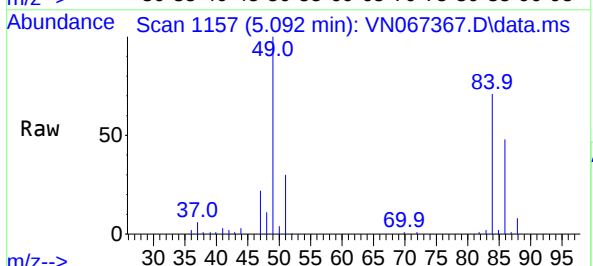
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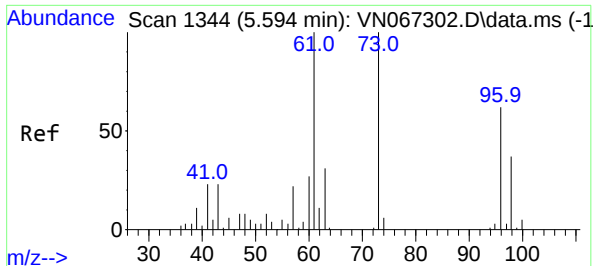
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6/17/2021 3:09:37 PM



#18  
Methylene Chloride  
Concen: 19.99 ug/l  
RT: 5.092 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 84 Resp: 98929  
Ion Ratio Lower Upper  
84 100  
49 139.4 110.9 166.3  
51 41.5 31.2 46.8  
86 67.6 52.8 79.2





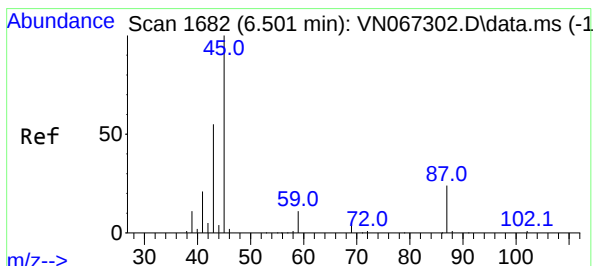
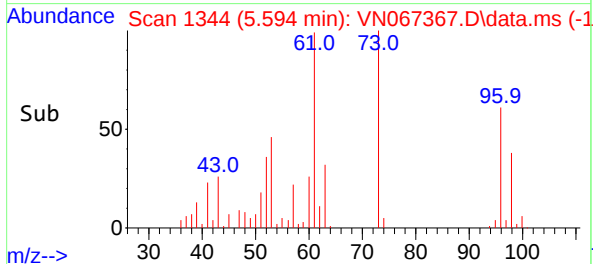
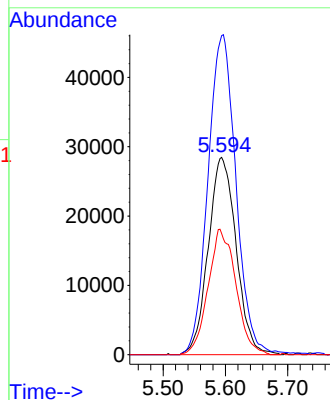
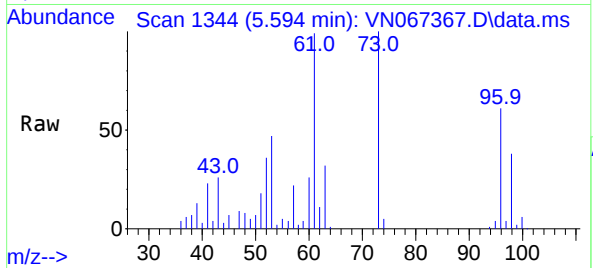
#19  
trans-1,2-Dichloroethene  
Concen: 20.18 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 96 Resp: 88719  
Ion Ratio Lower Upper  
96 100  
61 161.7 129.3 193.9  
98 61.4 48.0 72.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

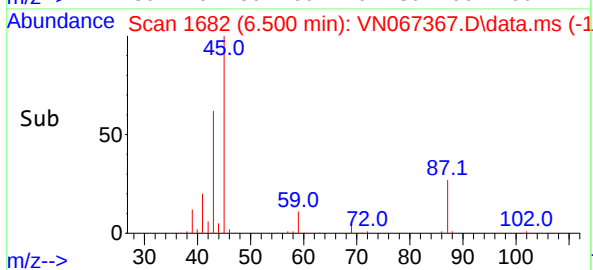
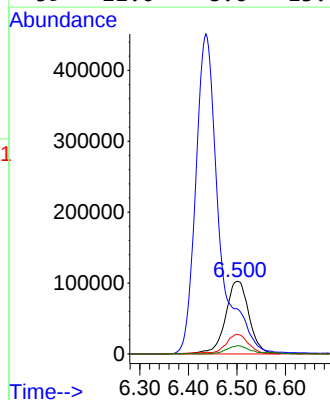
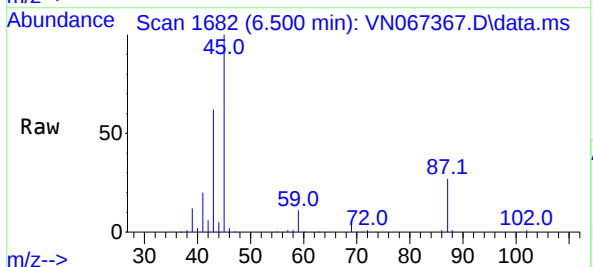
Manual Integrations  
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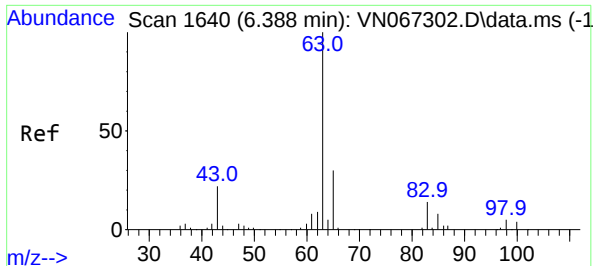
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#20  
Diisopropyl ether  
Concen: 20.25 ug/l  
RT: 6.500 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 45 Resp: 344822  
Ion Ratio Lower Upper  
45 100  
43 59.8 48.1 72.1  
87 26.8 19.8 29.6  
59 11.0 8.6 13.0





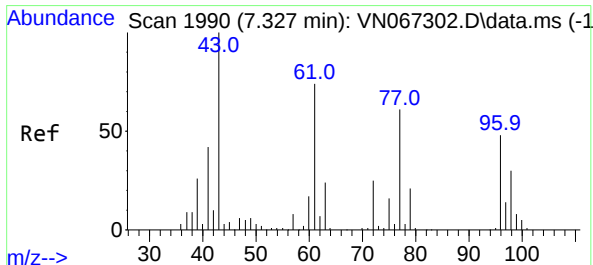
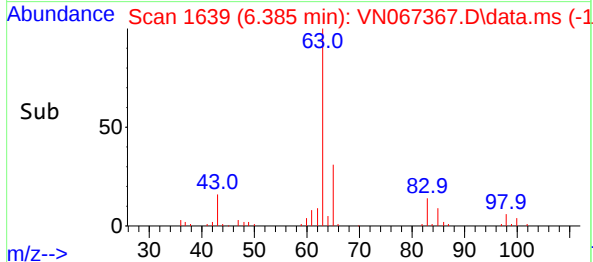
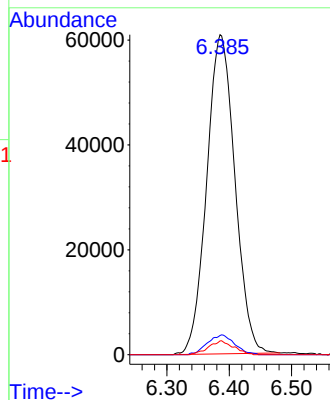
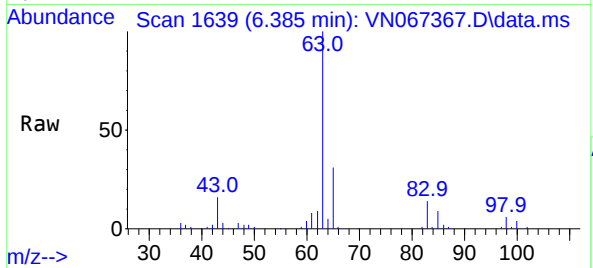
#21  
1,1-Dichloroethane  
Concen: 20.29 ug/l  
RT: 6.385 min Scan# 1639  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 63 Resp: 191384  
Ion Ratio Lower Upper  
63 100  
98 6.0 2.7 8.1  
100 4.3 1.8 5.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

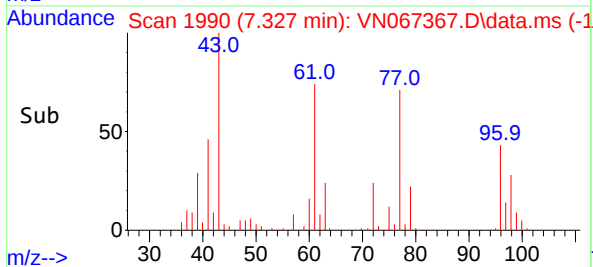
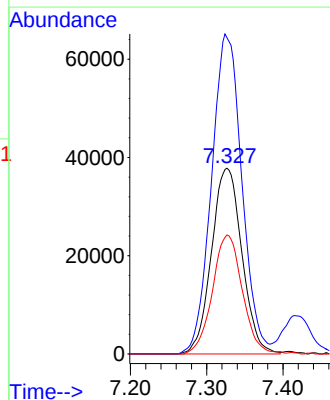
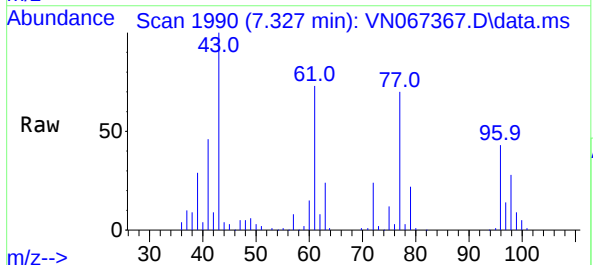
Manual Integrations  
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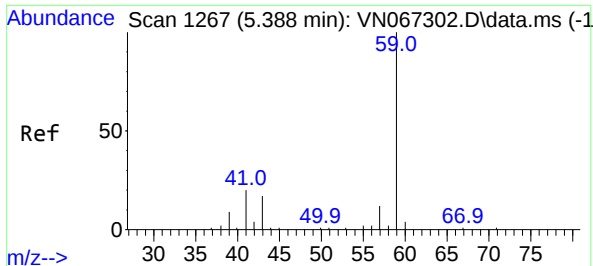
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#22  
cis-1,2-Dichloroethene  
Concen: 20.05 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 96 Resp: 104760  
Ion Ratio Lower Upper  
96 100  
61 171.8 131.2 196.8  
98 62.6 50.7 76.1





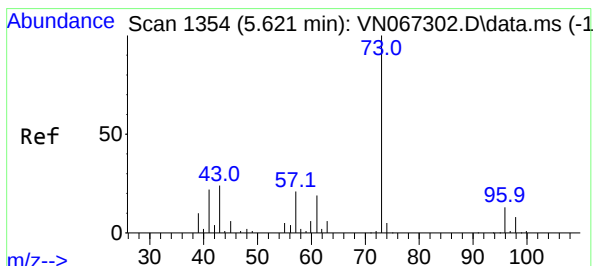
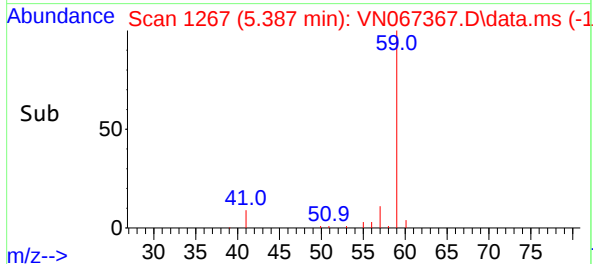
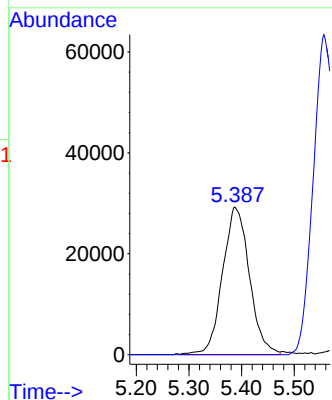
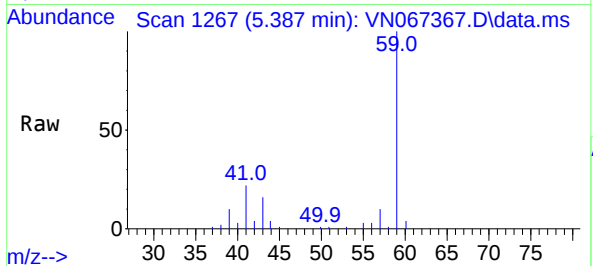
#23  
tert-Butyl Alcohol  
Concen: 93.31 ug/l  
RT: 5.387 min Scan# 1267  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 59 Resp: 103893  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.1 0.1#

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

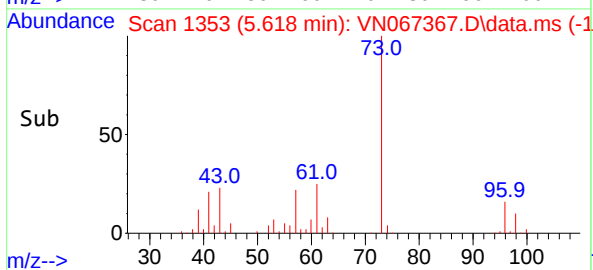
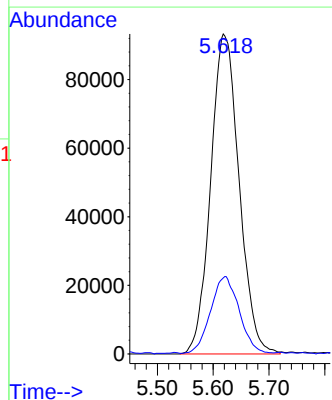
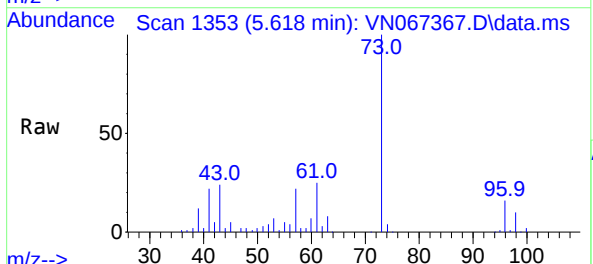
Manual Integrations  
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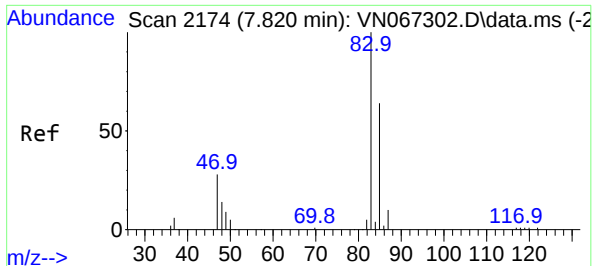
MMDadoda  
6/17/2021 3:09:37 PM



#24  
Methyl tert-Butyl Ether  
Concen: 19.26 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 73 Resp: 330063  
Ion Ratio Lower Upper  
73 100  
43 24.5 20.0 30.0





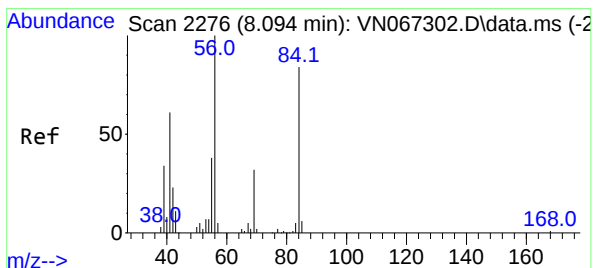
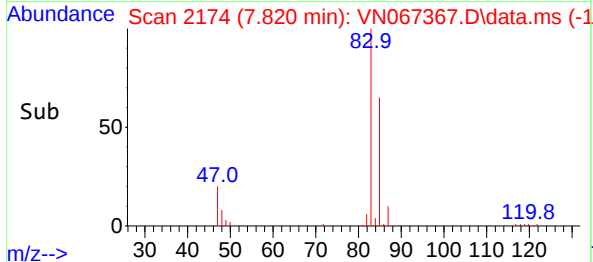
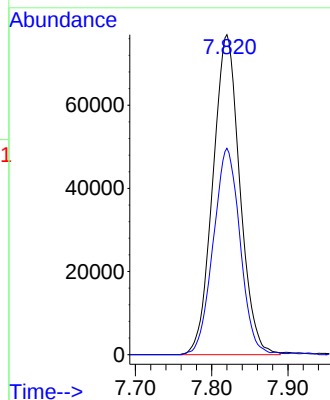
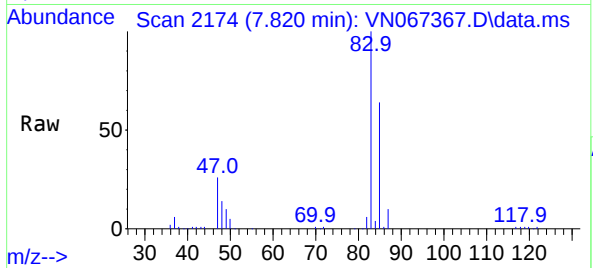
#25  
Chloroform  
Concen: 19.59 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 83 Resp: 189180  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.5 77.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

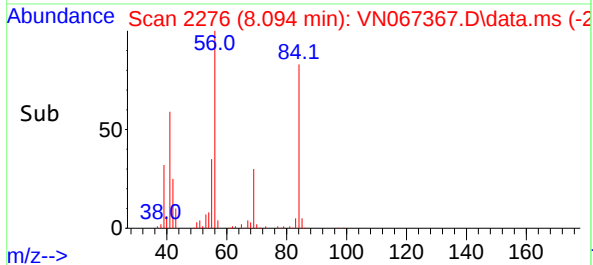
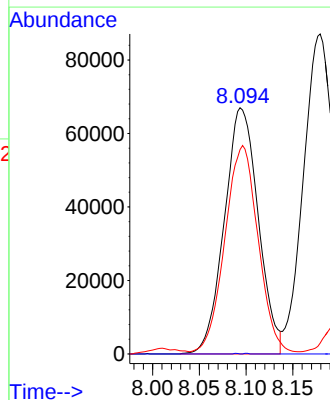
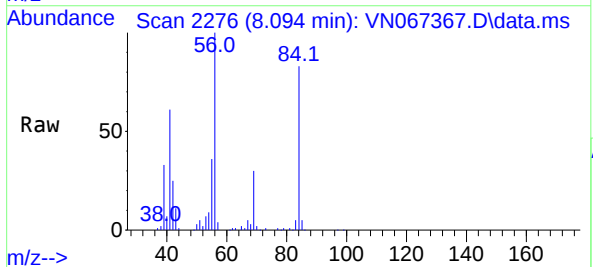
Manual Integrations  
APPROVED

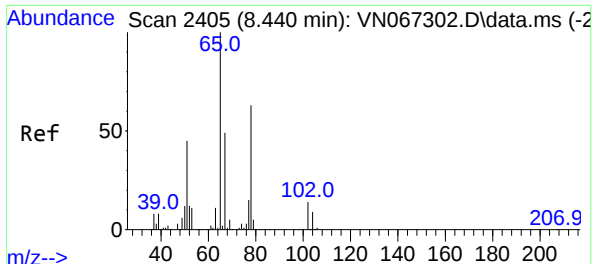
MMDadoda  
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#26  
Cyclohexane  
Concen: 20.73 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

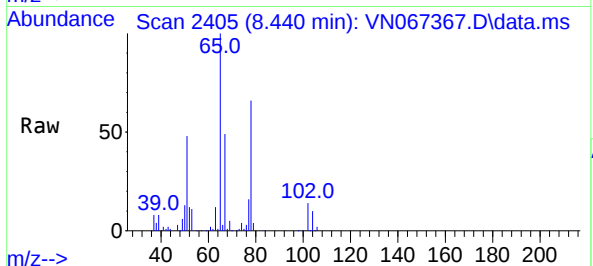
Tgt Ion: 56 Resp: 169474  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0#  
84 81.7 66.2 99.2





#27  
1,2-Dichloroethane-d4  
Concen: 30.83 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

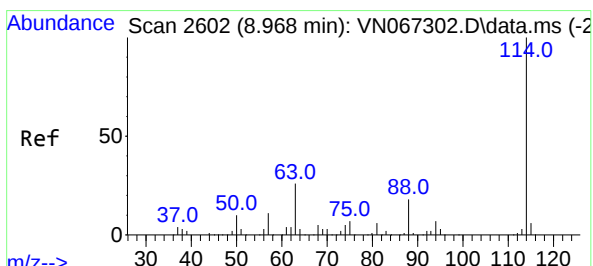
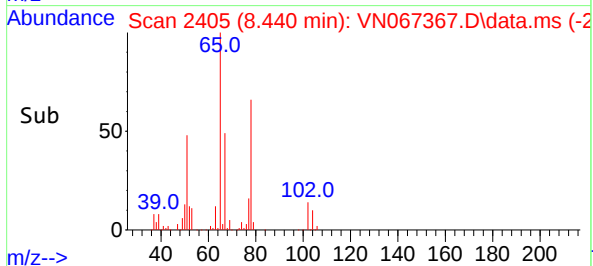
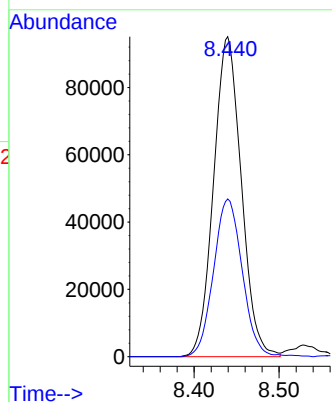
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



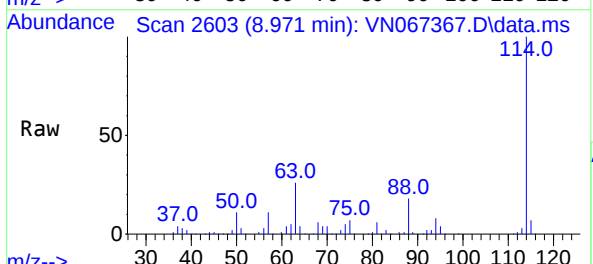
Tgt Ion: 65 Resp: 215735  
Ion Ratio Lower Upper  
65 100  
67 50.7 39.8 59.8

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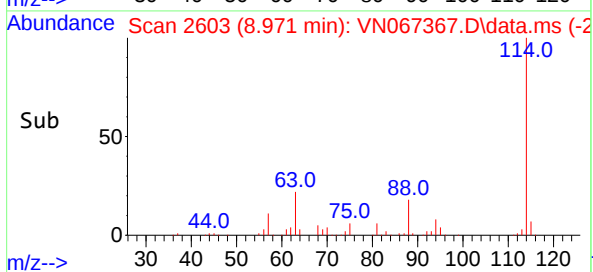
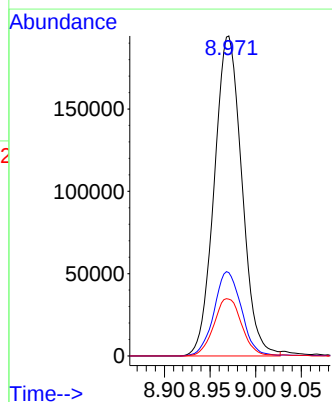
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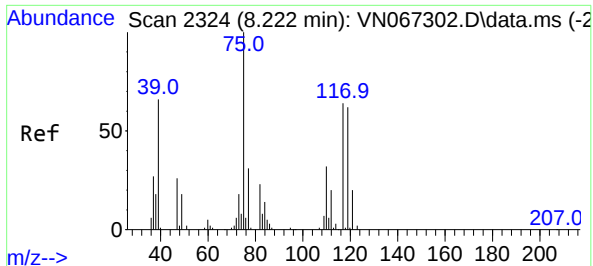


#28  
1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

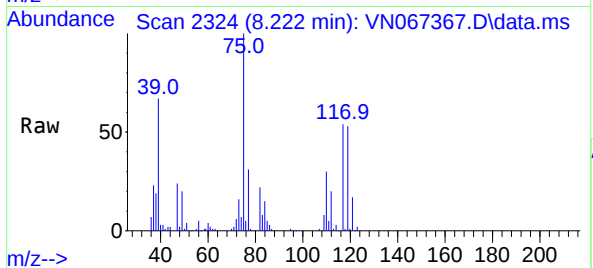


Tgt Ion: 114 Resp: 408765  
Ion Ratio Lower Upper  
114 100  
63 26.1 20.3 30.5  
88 18.1 14.6 22.0

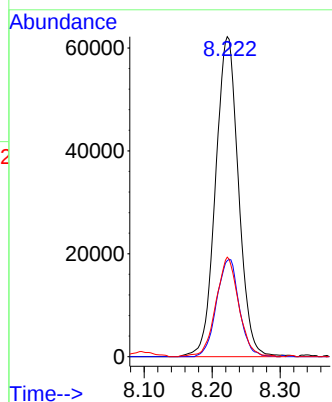




#29  
1,1-Dichloropropene  
Concen: 19.92 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



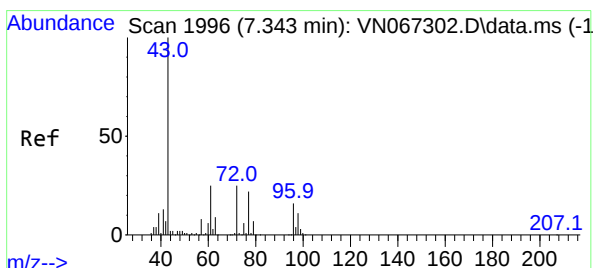
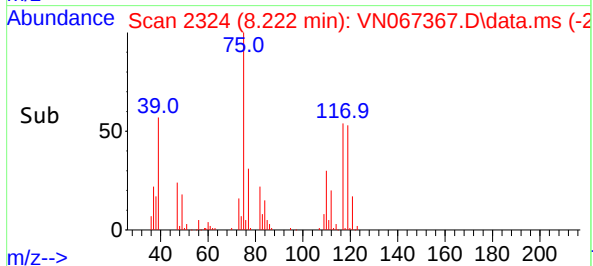
Tgt Ion: 75 Resp: 145746  
Ion Ratio Lower Upper  
75 100  
110 29.9 0.0 63.4  
77 30.2 0.0 63.0



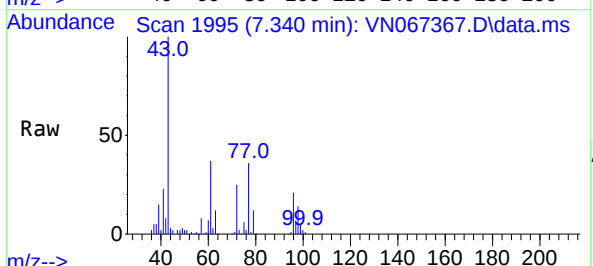
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

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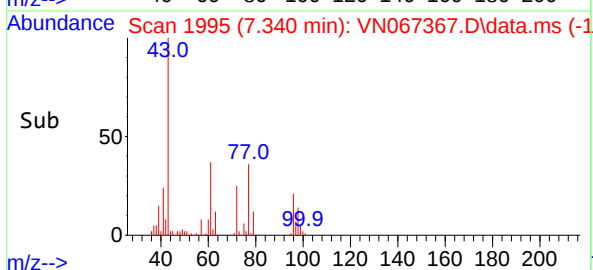
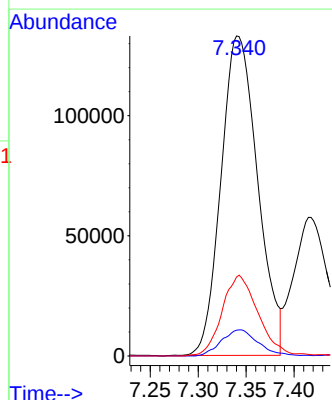
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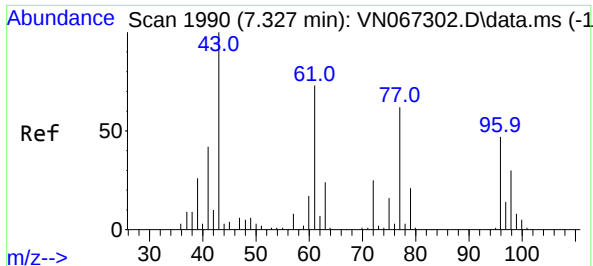


#30  
2-Butanone  
Concen: 94.21 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



Tgt Ion: 43 Resp: 353838  
Ion Ratio Lower Upper  
43 100  
57 8.2 6.9 10.3  
72 24.6 20.0 30.0





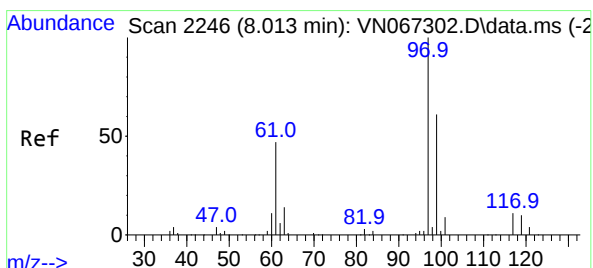
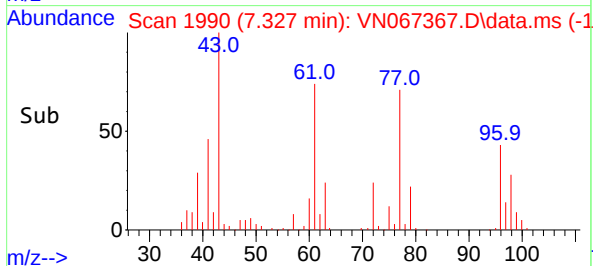
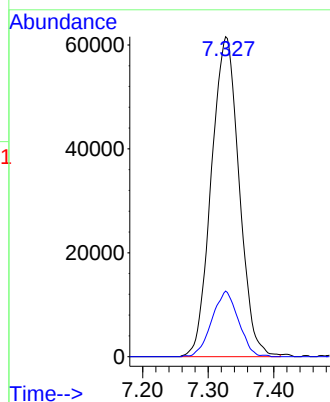
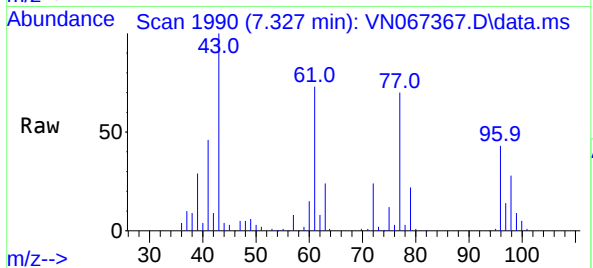
#31  
2,2-Dichloropropane  
Concen: 23.12 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 77 Resp: 181138  
Ion Ratio Lower Upper  
77 100  
97 19.1 16.3 24.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

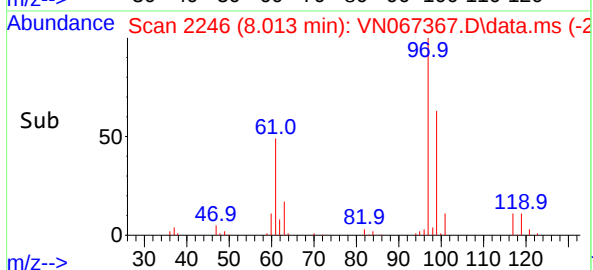
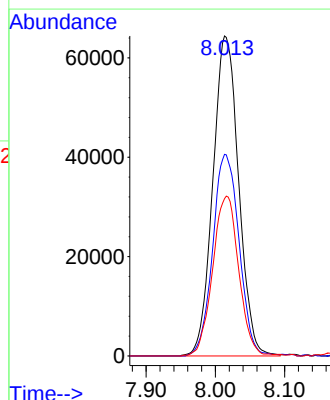
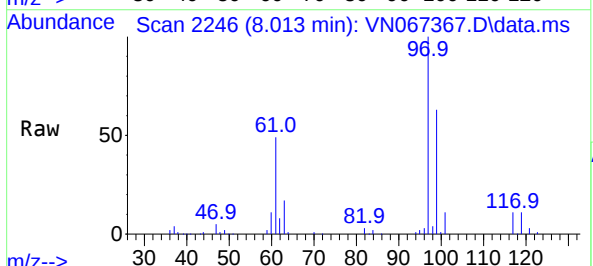
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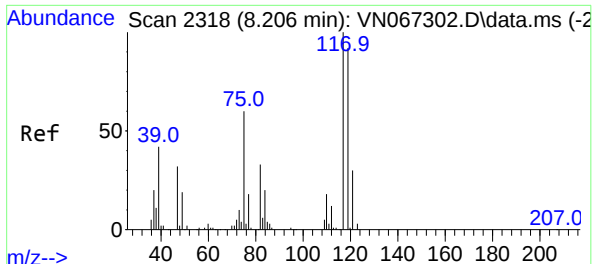
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6/17/2021 3:09:37 PM



#32  
1,1,1-Trichloroethane  
Concen: 17.92 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

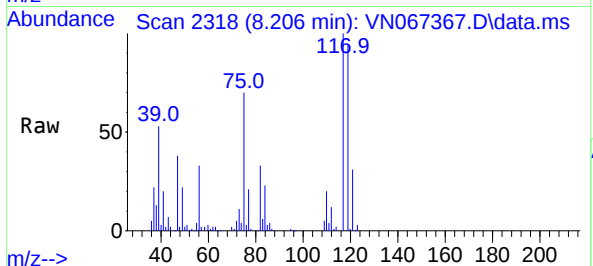
Tgt Ion: 97 Resp: 166614  
Ion Ratio Lower Upper  
97 100  
99 64.4 49.7 74.5  
61 50.0 38.0 57.0





#33  
Carbon Tetrachloride  
Concen: 17.21 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

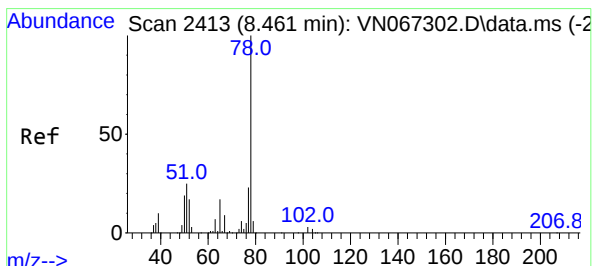
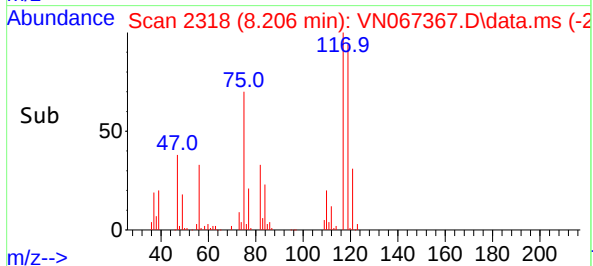
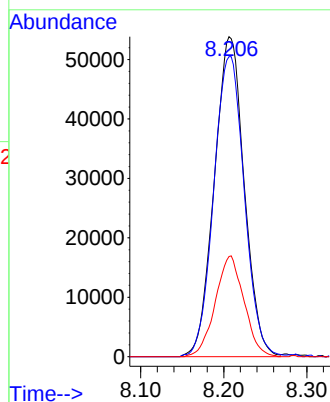
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



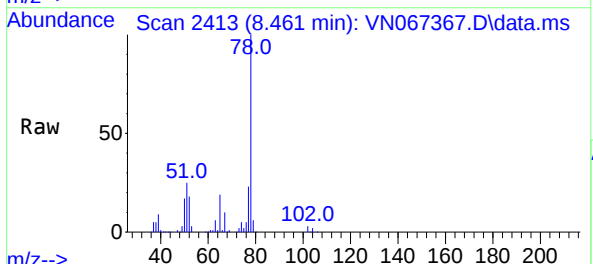
Tgt Ion:117 Resp: 134497  
Ion Ratio Lower Upper  
117 100  
119 93.7 73.3 109.9  
121 31.3 24.2 36.4

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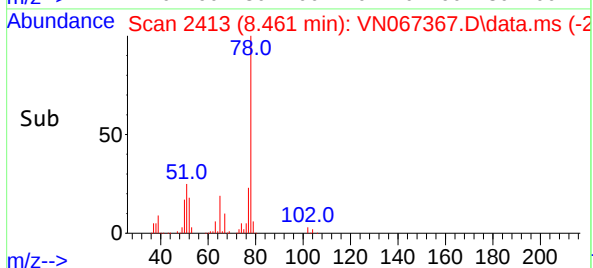
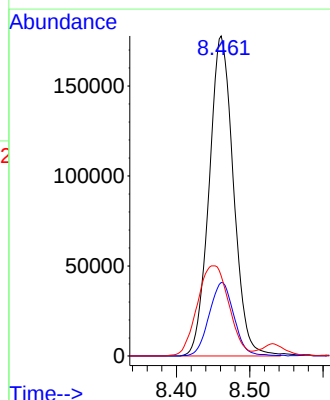
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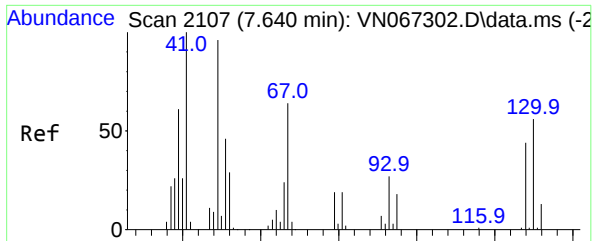


#34  
Benzene  
Concen: 19.93 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

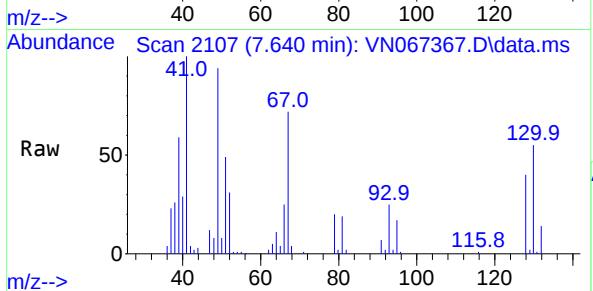


Tgt Ion: 78 Resp: 410064  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.6 28.0  
51 23.9 20.0 30.0

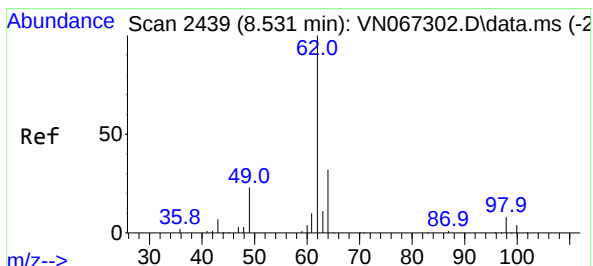
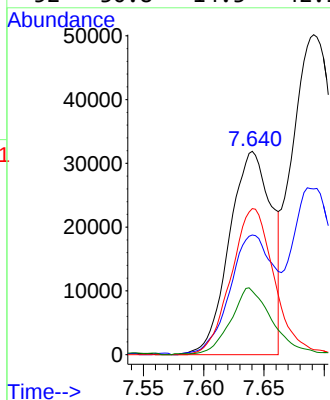
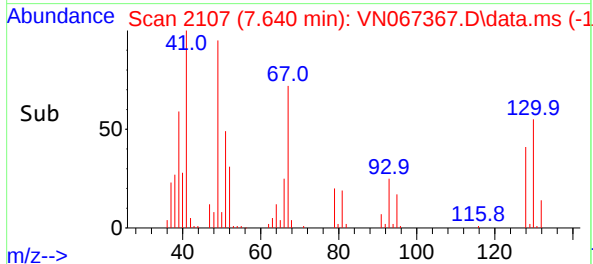




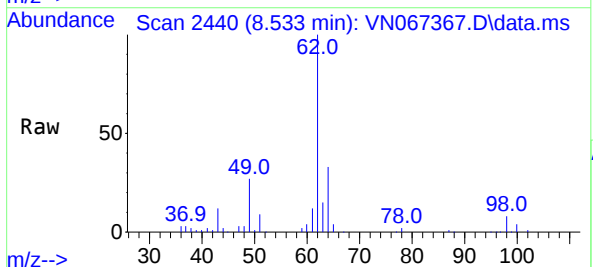
#35  
Methacrylonitrile  
Concen: 19.21 ug/l  
RT: 7.640 min Scan# 2107  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



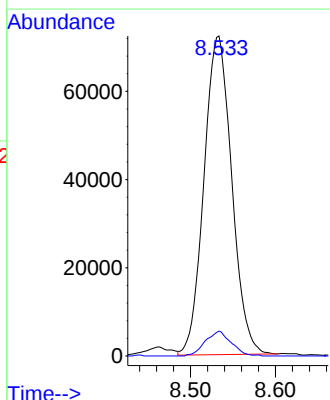
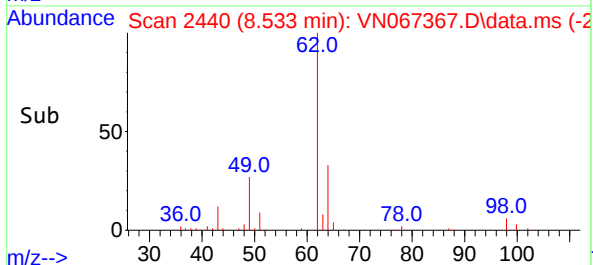
Tgt Ion: 41 Resp: 77736  
Ion Ratio Lower Upper  
41 100  
39 58.8 30.3 90.9  
67 71.8 32.1 96.3  
52 30.8 14.3 42.9



#36  
1,2-Dichloroethane  
Concen: 18.76 ug/l  
RT: 8.533 min Scan# 2440  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



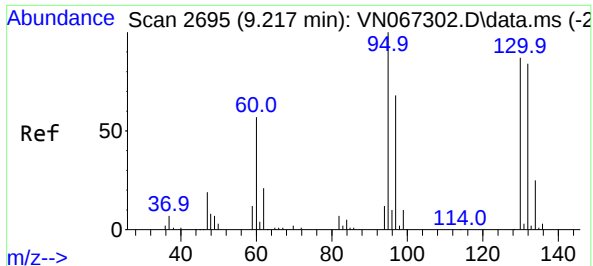
Tgt Ion: 62 Resp: 164267  
Ion Ratio Lower Upper  
62 100  
98 7.2 6.0 9.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

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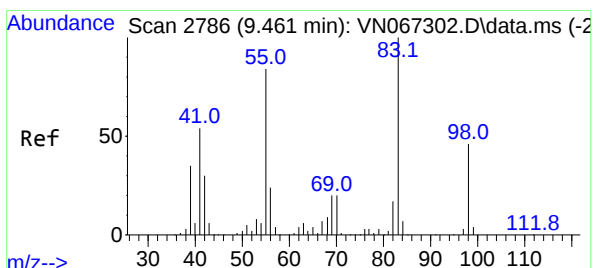
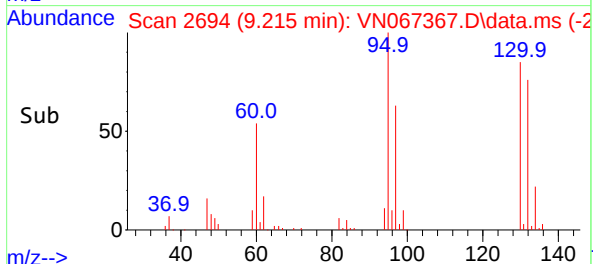
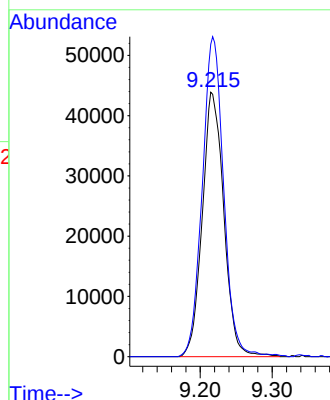
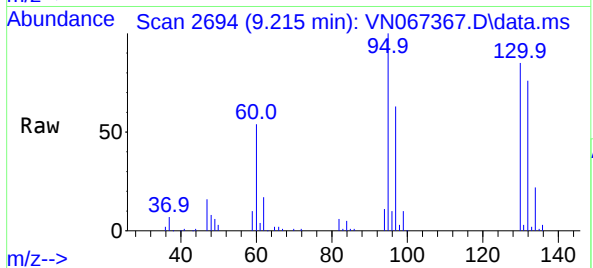
#37  
Trichloroethene  
Concen: 18.79 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:130 Resp: 91542  
Ion Ratio Lower Upper  
130 100  
95 117.8 92.2 138.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

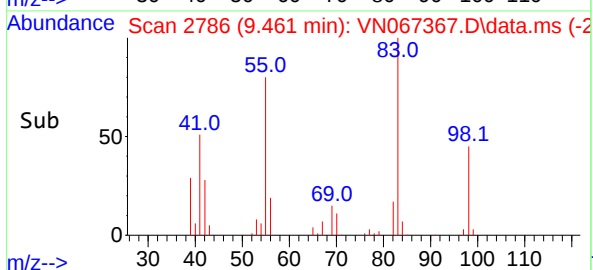
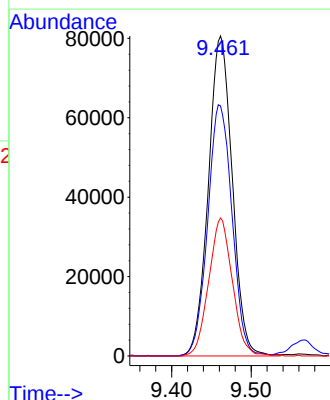
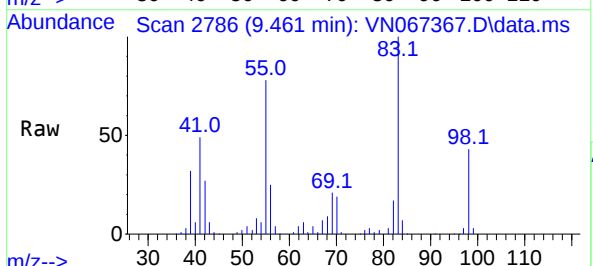
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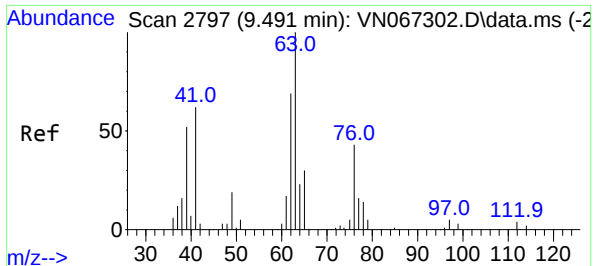
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6/17/2021 3:09:37 PM



#38  
Methylcyclohexane  
Concen: 22.37 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 83 Resp: 168554  
Ion Ratio Lower Upper  
83 100  
55 80.0 41.5 124.6  
98 42.3 22.4 67.0





#39

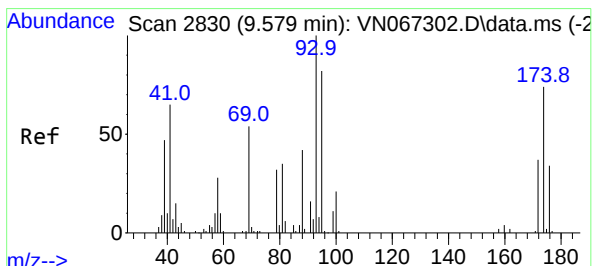
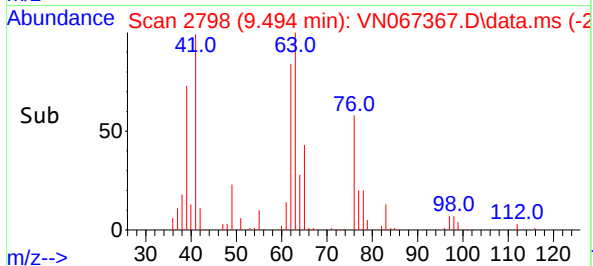
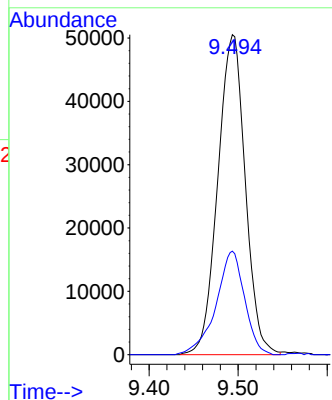
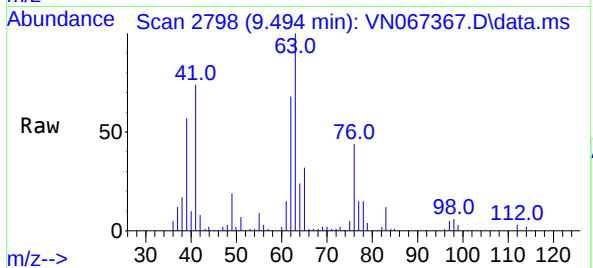
1,2-Dichloropropane  
Concen: 19.49 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 63 Resp: 108309  
Ion Ratio Lower Upper  
63 100  
65 32.4 24.5 36.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

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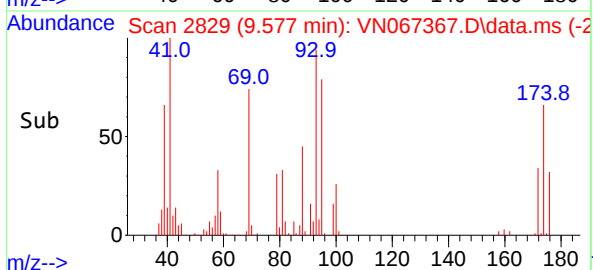
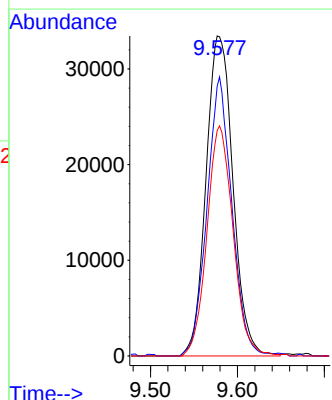
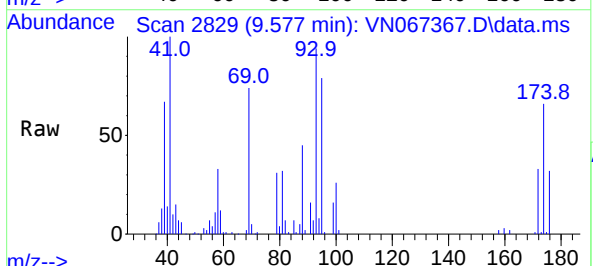
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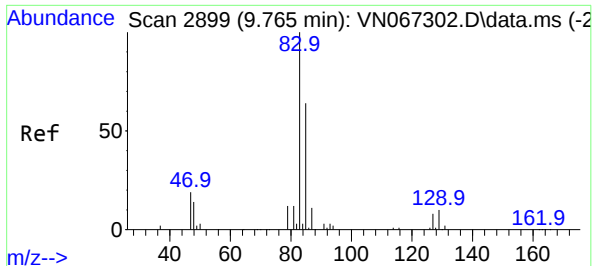


#40

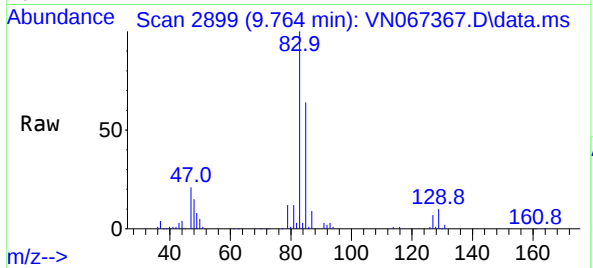
Dibromomethane  
Concen: 18.90 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 93 Resp: 72092  
Ion Ratio Lower Upper  
93 100  
95 80.1 0.0 167.6  
174 69.6 0.0 148.4

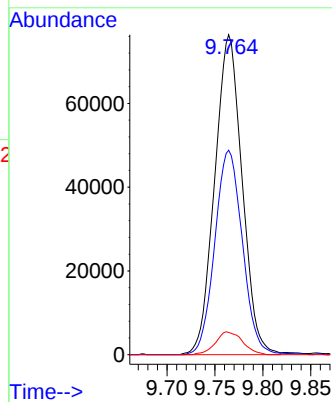
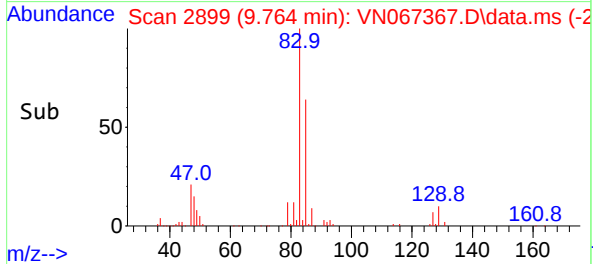




#41  
Bromodichloromethane  
Concen: 18.46 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



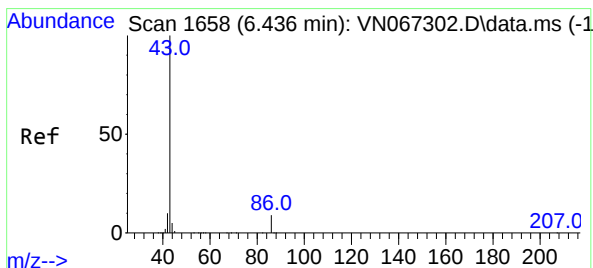
Tgt Ion: 83 Resp: 151807  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.2 76.8  
127 7.0 6.6 9.8



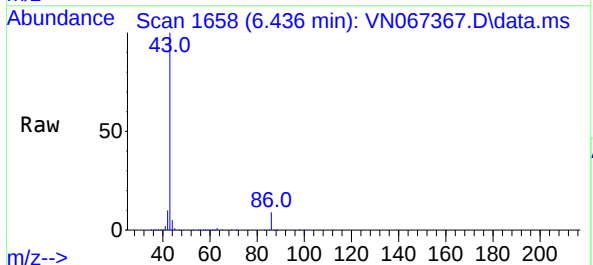
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

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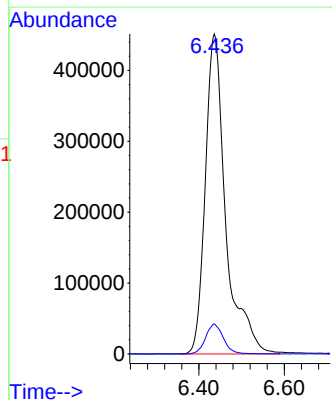
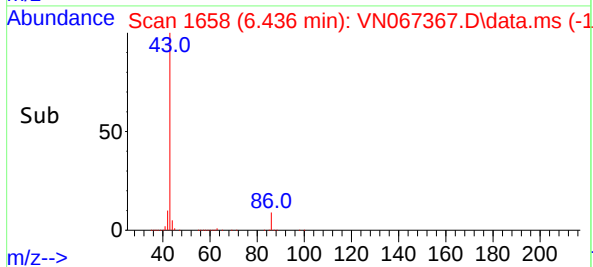
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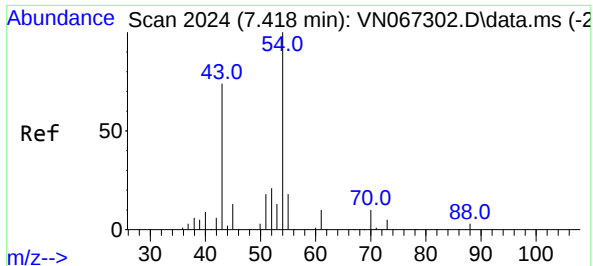


#42  
Vinyl Acetate  
Concen: 94.81 ug/l m  
RT: 6.436 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



Tgt Ion: 43 Resp: 1498701  
Ion Ratio Lower Upper  
43 100  
86 8.1 6.4 9.6





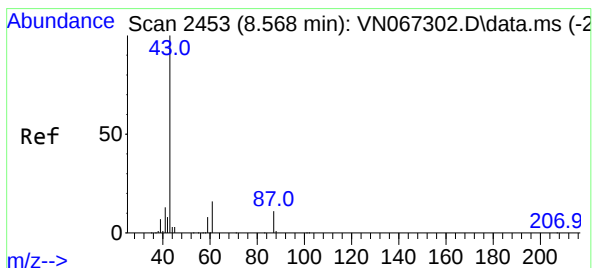
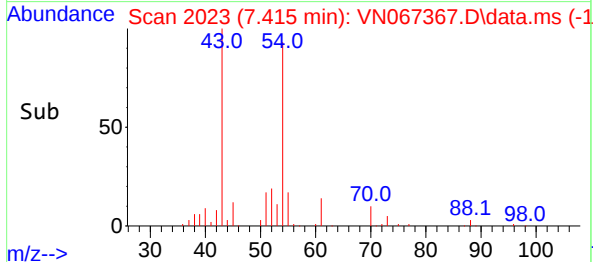
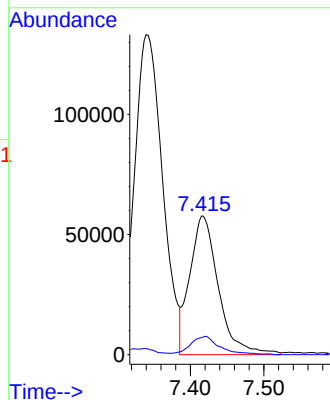
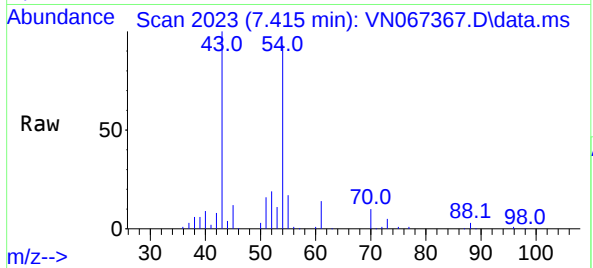
#43  
Ethyl Acetate  
Concen: 20.45 ug/l m  
RT: 7.415 min Scan# 2023  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 43 Resp: 156227  
Ion Ratio Lower Upper  
43 100  
45 0.4 1.0 1.6#

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

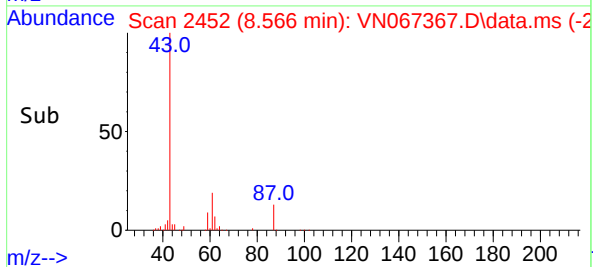
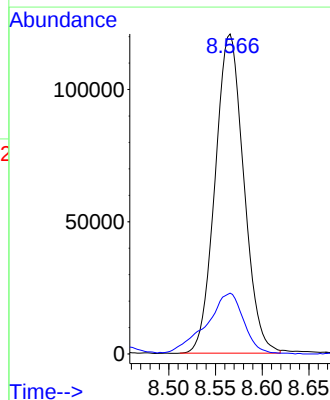
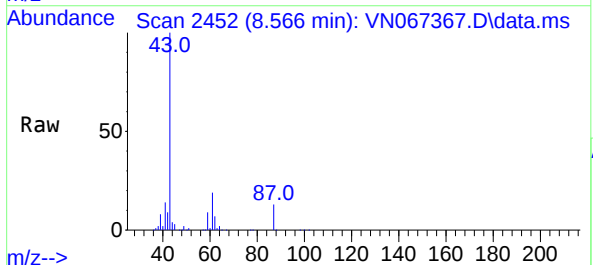
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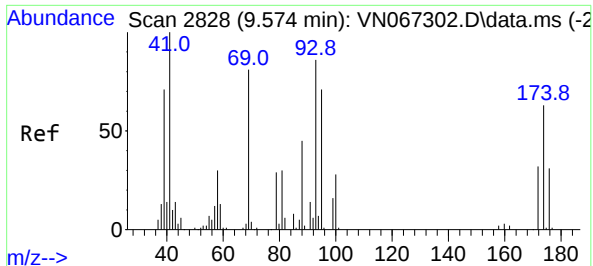
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6/17/2021 3:09:37 PM



#44  
Isopropyl Acetate  
Concen: 18.24 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 43 Resp: 257656  
Ion Ratio Lower Upper  
43 100  
61 24.2 19.0 28.6





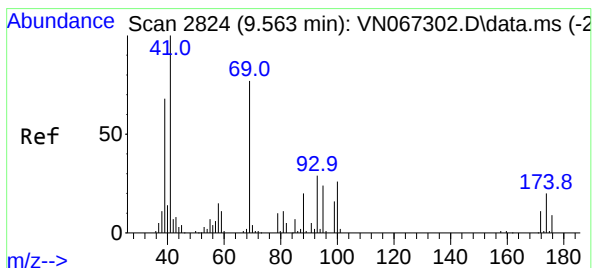
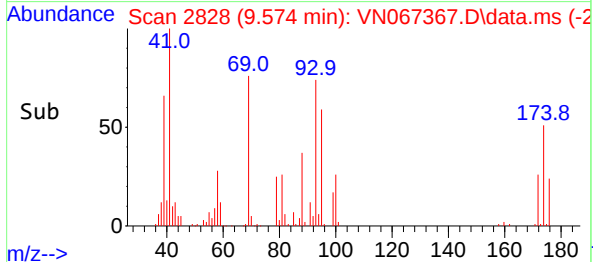
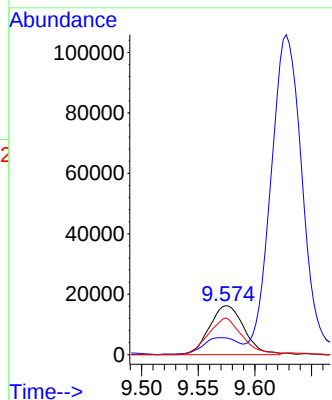
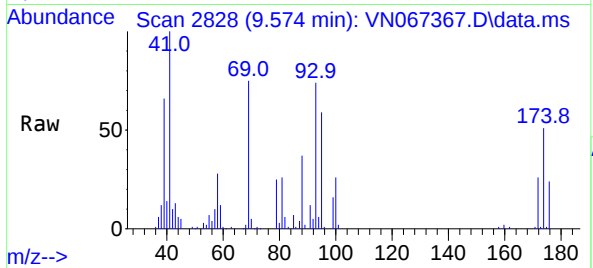
#45  
1,4-Dioxane  
Concen: 374.11 ug/l  
RT: 9.574 min Scan# 2828  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 88 Resp: 34406  
Ion Ratio Lower Upper  
88 100  
43 33.5 18.0 27.0#  
58 72.8 57.7 86.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

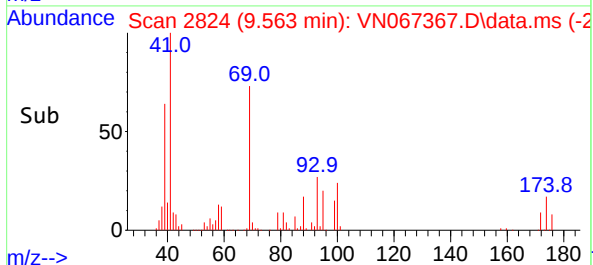
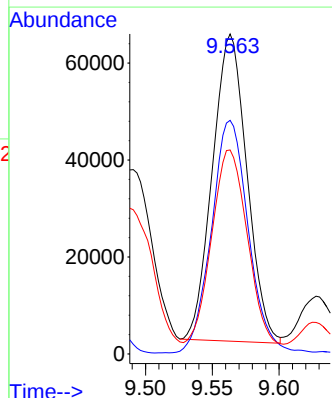
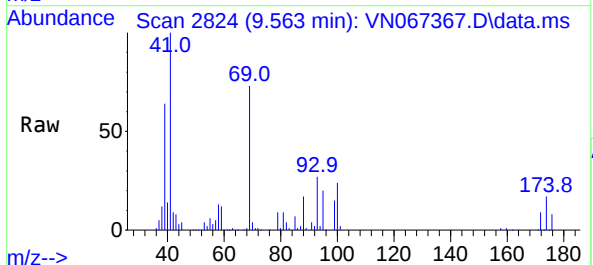
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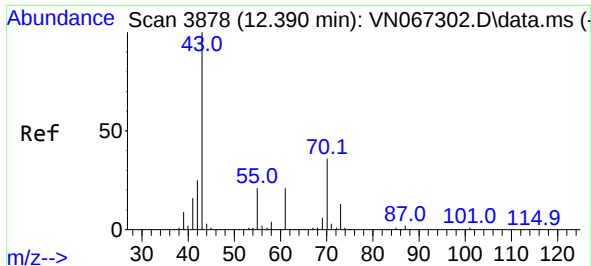
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6/17/2021 3:09:37 PM



#46  
Methyl methacrylate  
Concen: 18.13 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 41 Resp: 113768  
Ion Ratio Lower Upper  
41 100  
69 75.6 38.0 114.1  
39 63.5 33.9 101.7





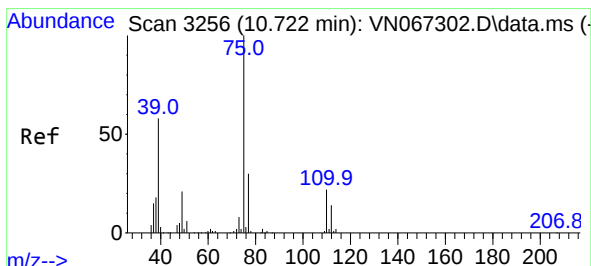
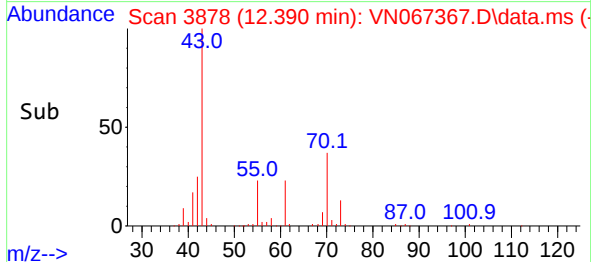
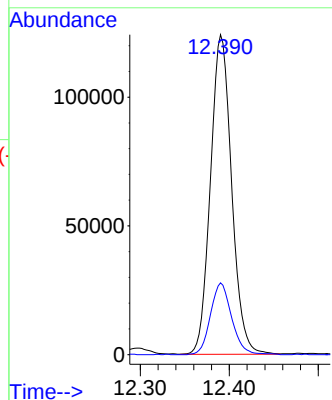
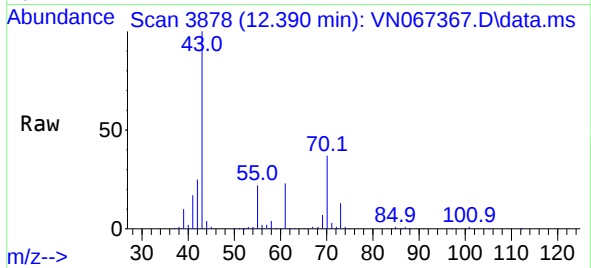
#47  
n-amy1 Acetate  
Concen: 17.10 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 43 Resp: 204806  
Ion Ratio Lower Upper  
43 100  
55 22.6 17.6 26.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

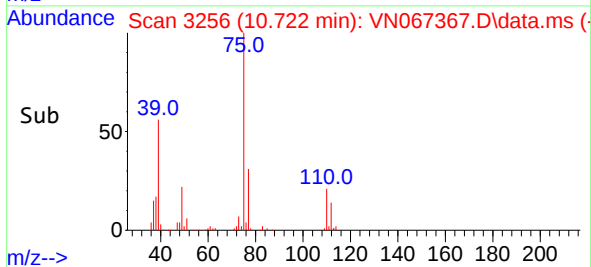
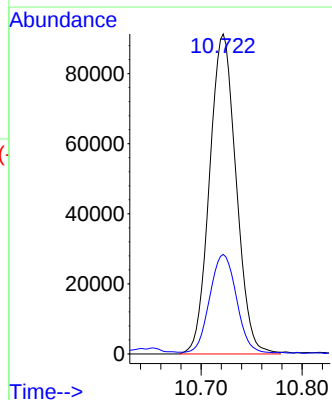
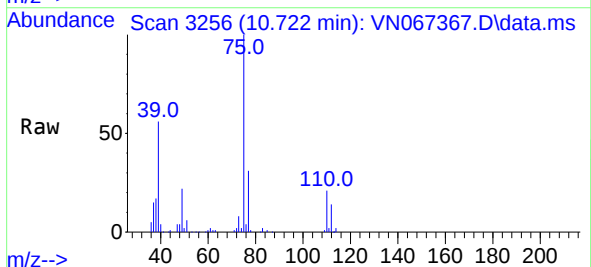
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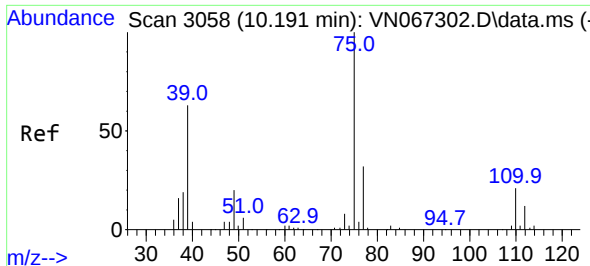
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6/17/2021 3:09:37 PM



#48  
t-1,3-Dichloropropene  
Concen: 18.37 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 75 Resp: 166879  
Ion Ratio Lower Upper  
75 100  
77 30.7 24.6 37.0





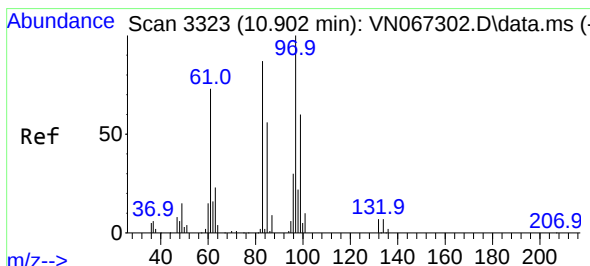
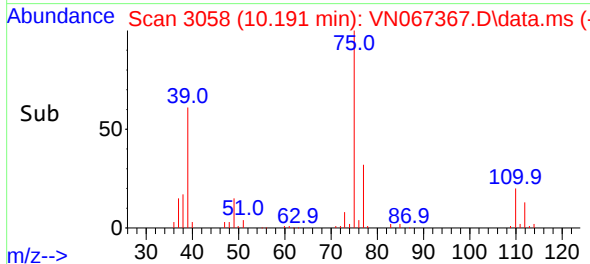
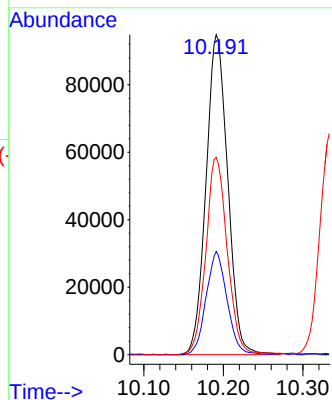
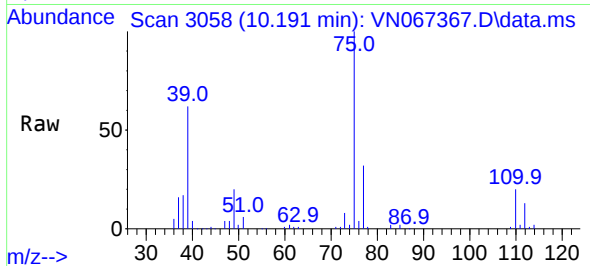
#49  
cis-1,3-Dichloropropene  
Concen: 19.76 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 75 Resp: 180357  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.0 39.0  
39 61.5 50.6 76.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

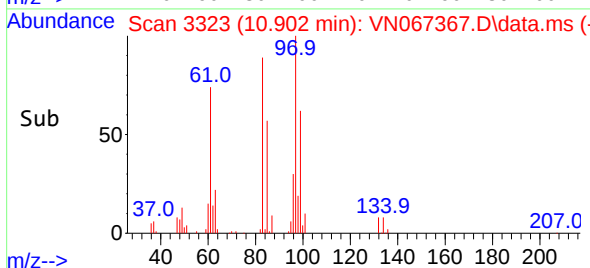
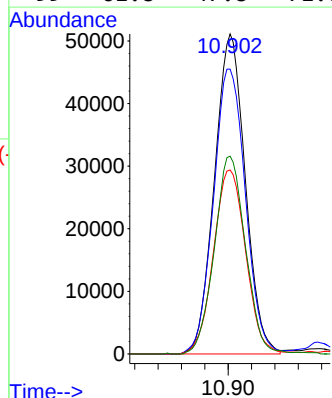
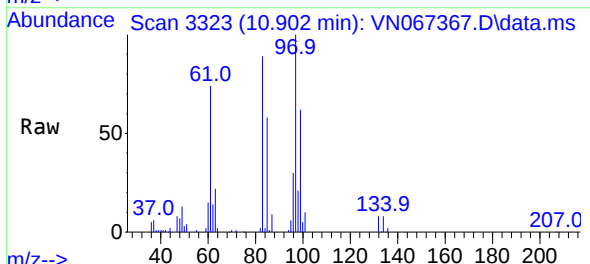
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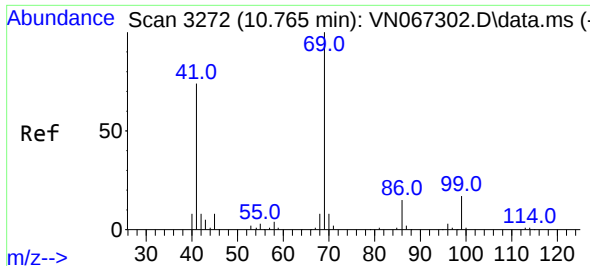
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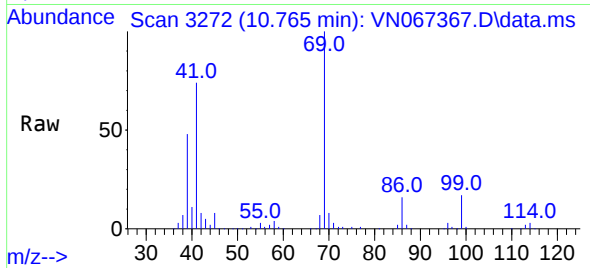
#50  
1,1,2-Trichloroethane  
Concen: 18.85 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 97 Resp: 93422  
Ion Ratio Lower Upper  
97 100  
83 89.0 69.6 104.4  
85 57.5 45.2 67.8  
99 61.8 47.8 71.6

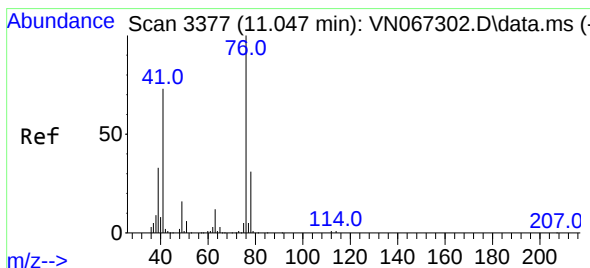
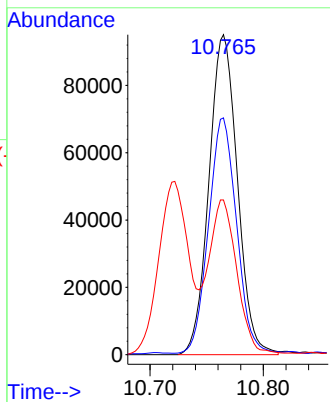
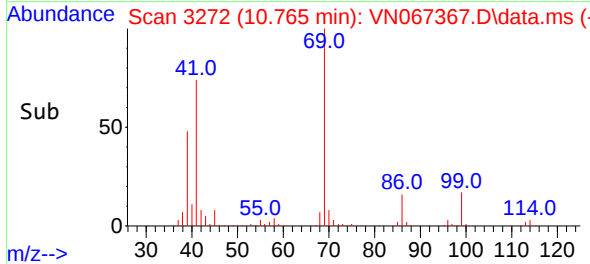




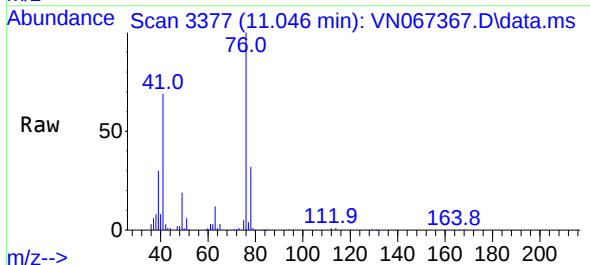
#51  
Ethyl methacrylate  
Concen: 18.32 ug/l  
RT: 10.765 min Scan# 3272  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



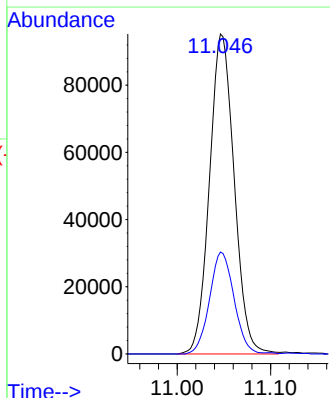
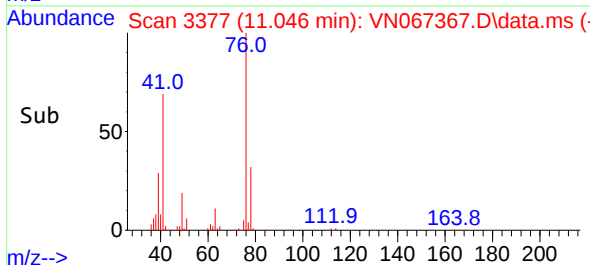
Tgt Ion: 69 Resp: 165926  
Ion Ratio Lower Upper  
69 100  
41 73.5 36.8 110.4  
39 47.7 23.8 71.2



#52  
1,3-Dichloropropane  
Concen: 19.41 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



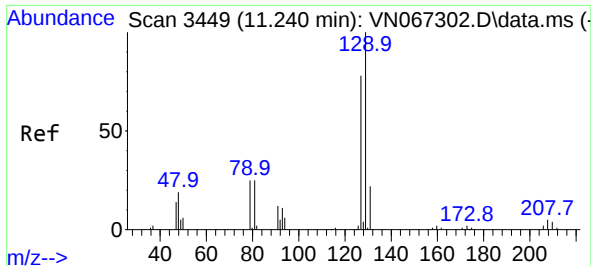
Tgt Ion: 76 Resp: 175247  
Ion Ratio Lower Upper  
76 100  
78 31.5 0.0 64.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

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6/17/2021 3:09:37 PM



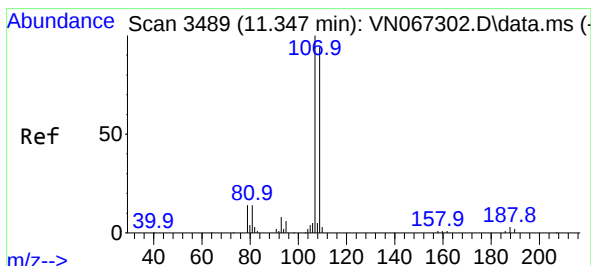
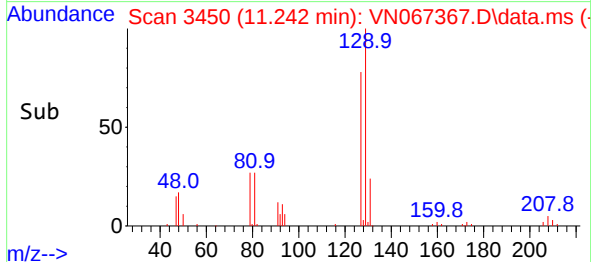
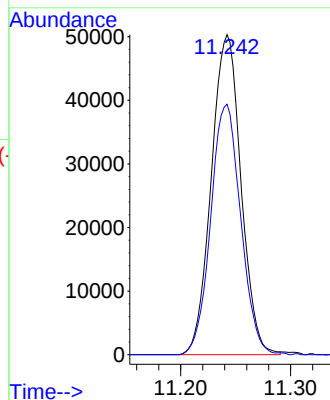
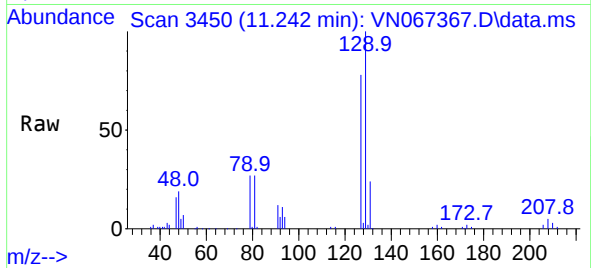
#53  
Dibromochloromethane  
Concen: 17.15 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:129 Resp: 94525  
Ion Ratio Lower Upper  
129 100  
127 78.8 38.8 116.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

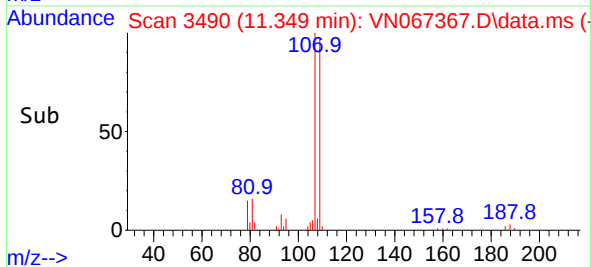
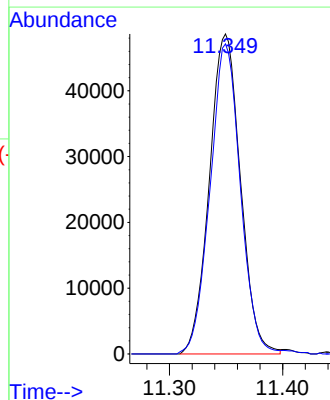
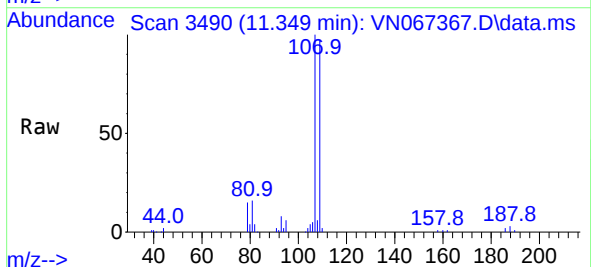
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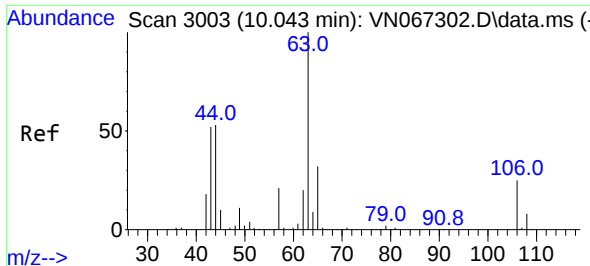
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6/17/2021 3:09:37 PM



#54  
1,2-Dibromoethane  
Concen: 17.89 ug/l  
RT: 11.349 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:107 Resp: 92471  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.0 112.6





#55  
2-Chloroethyl vinyl ether  
Concen: 93.15 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

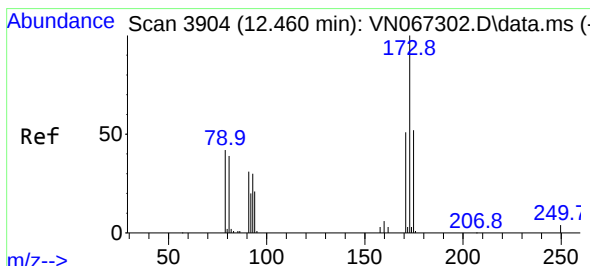
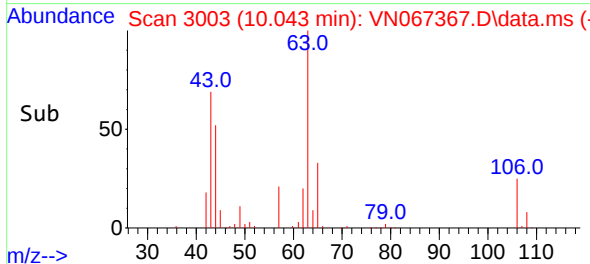
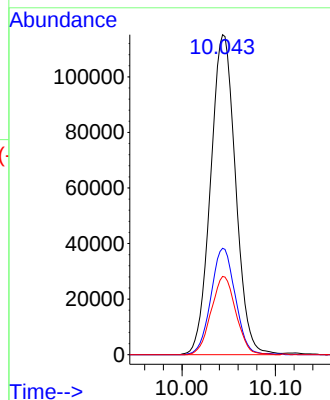
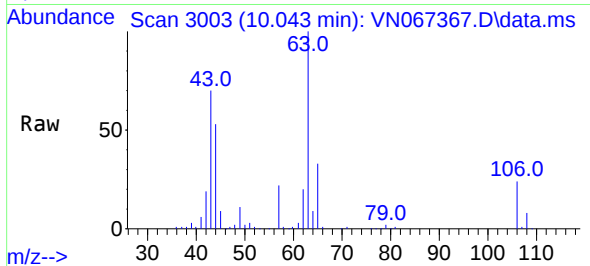
Tgt Ion: 63 Resp: 213774  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.4  | 25.6  | 38.4  |
| 106 | 24.2  | 20.0  | 30.0  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

Manual Integrations  
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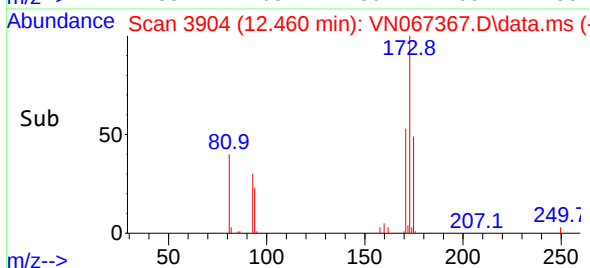
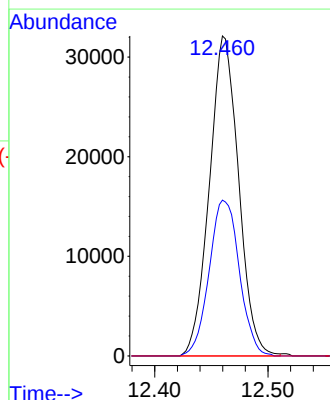
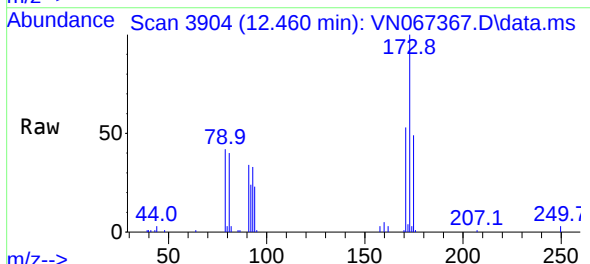
MMDadoda  
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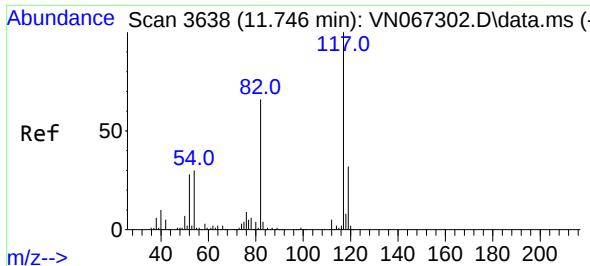


#56  
Bromoform  
Concen: 15.36 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

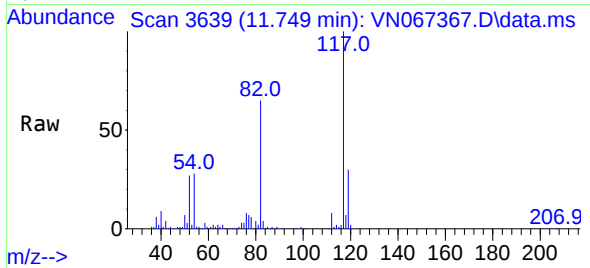
Tgt Ion: 173 Resp: 57473  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 50.4  | 39.4  | 59.2  |
| 254 | 0.0   | 0.0   | 0.0   |

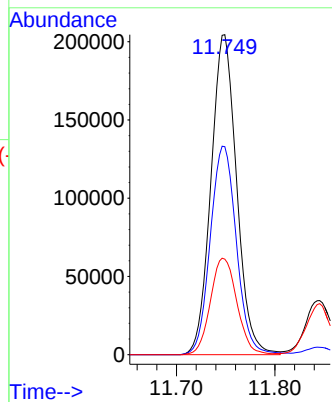
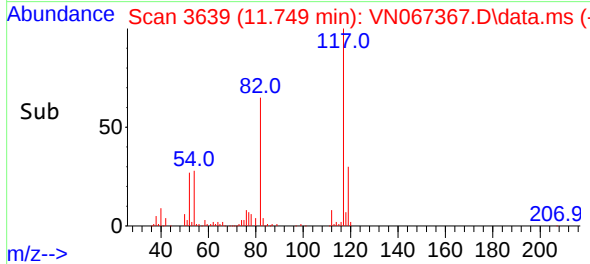




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



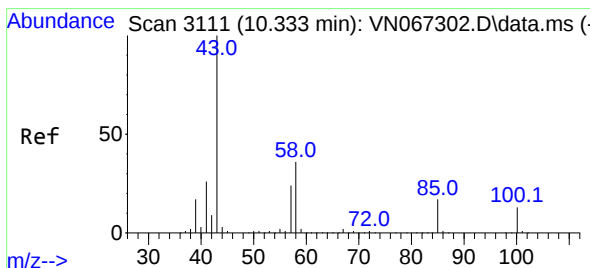
Tgt Ion: 117 Resp: 371156  
Ion Ratio Lower Upper  
117 100  
82 66.5 52.5 78.7  
119 31.1 25.8 38.8



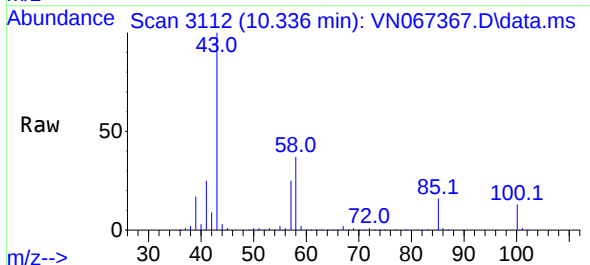
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

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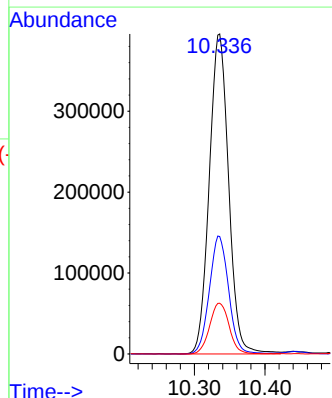
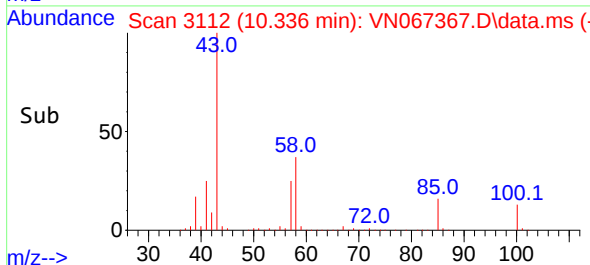
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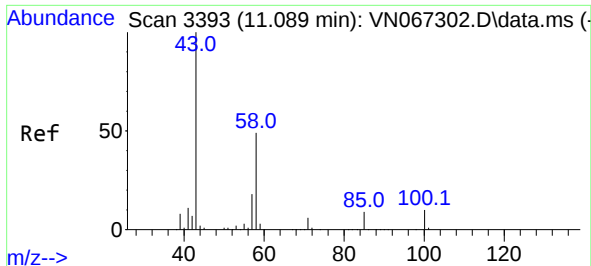


#58  
4-Methyl-2-Pentanone  
Concen: 92.46 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



Tgt Ion: 43 Resp: 754334  
Ion Ratio Lower Upper  
43 100  
58 36.6 29.0 43.4  
85 16.0 13.2 19.8





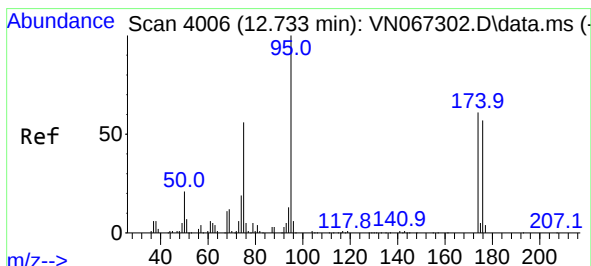
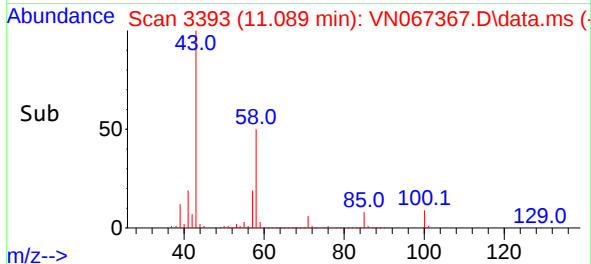
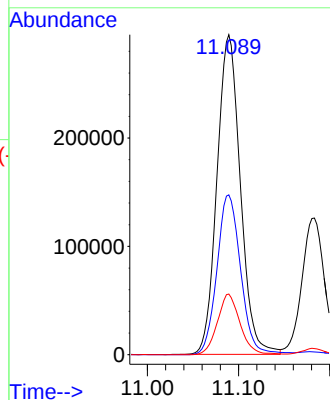
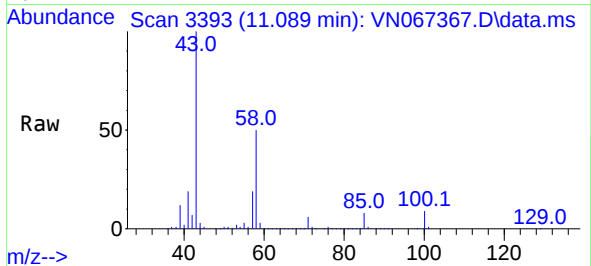
#59  
2-Hexanone  
Concen: 89.20 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 526276 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 50.6  | 39.4  | 59.0   |
| 57       | 18.3  | 14.4  | 21.6   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

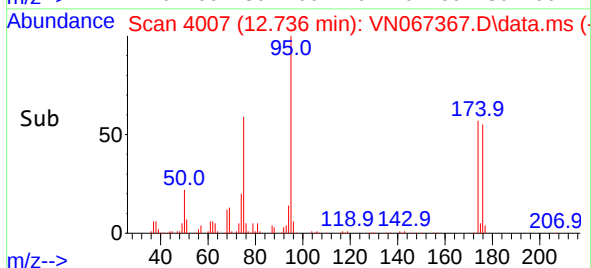
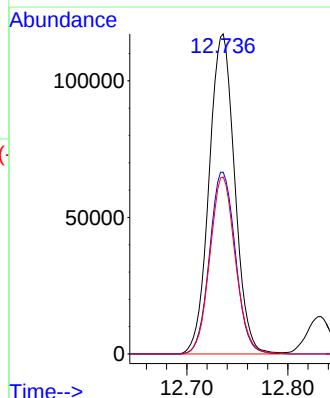
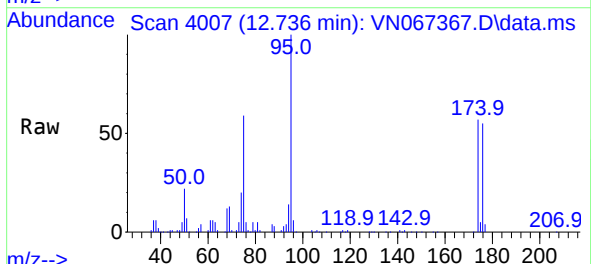
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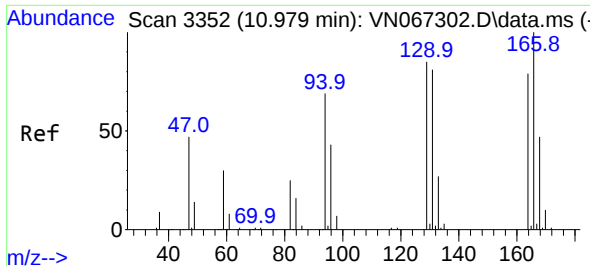
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6/17/2021 3:09:37 PM



#60  
4-Bromofluorobenzene  
Concen: 28.81 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 206435 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 57.2  | 47.7  | 71.5   |
| 176      | 55.1  | 45.7  | 68.5   |





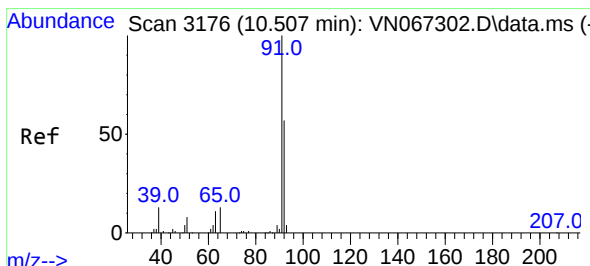
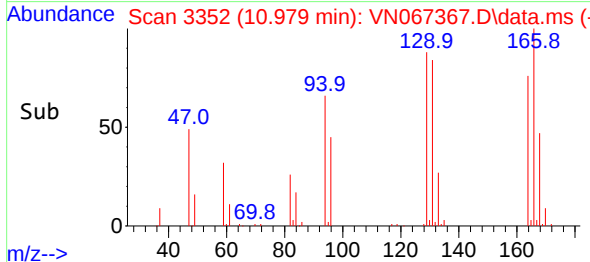
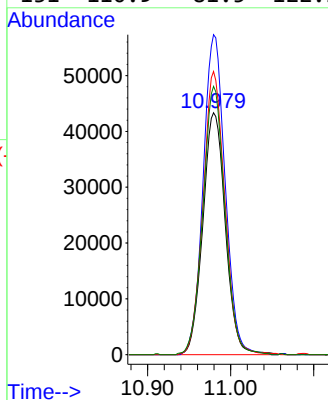
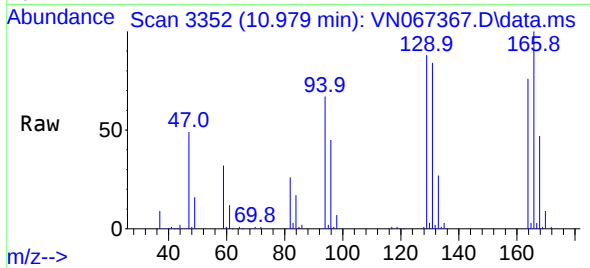
#61  
Tetrachloroethene  
Concen: 18.95 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:164 Resp: 81543  
Ion Ratio Lower Upper  
164 100  
166 132.3 101.0 151.4  
129 117.0 85.5 128.3  
131 110.9 81.5 122.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

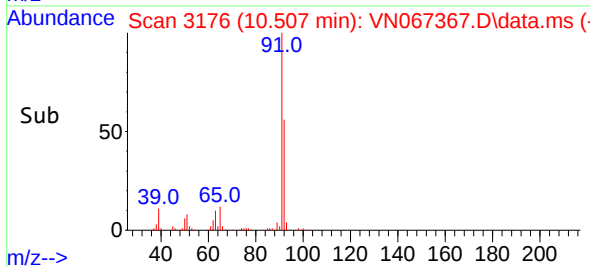
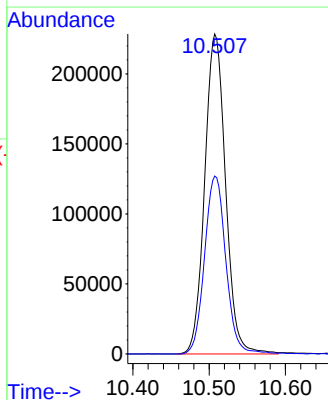
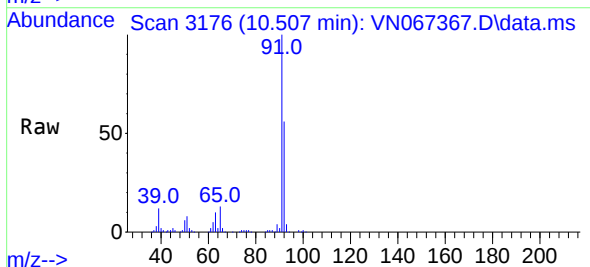
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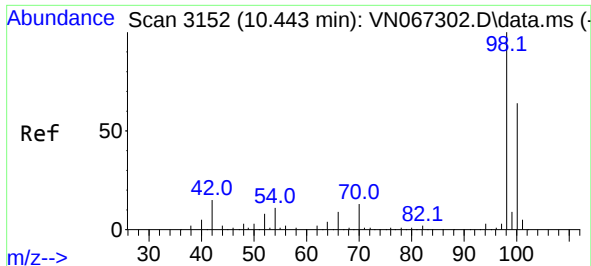
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6/17/2021 3:09:37 PM



#62  
Toluene  
Concen: 19.57 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 91 Resp: 434727  
Ion Ratio Lower Upper  
91 100  
92 56.5 46.1 69.1





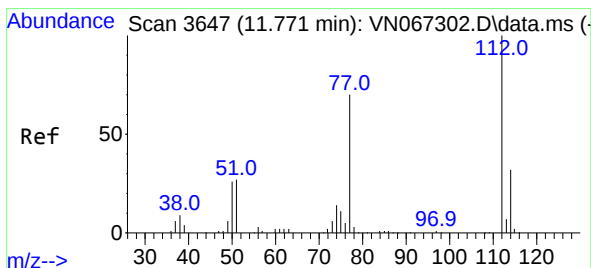
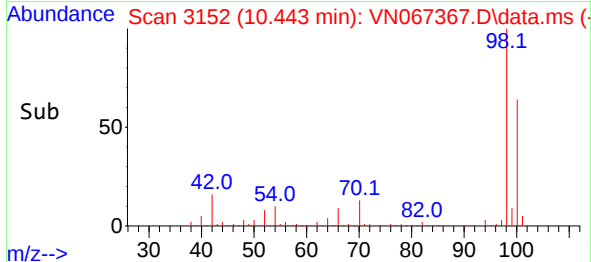
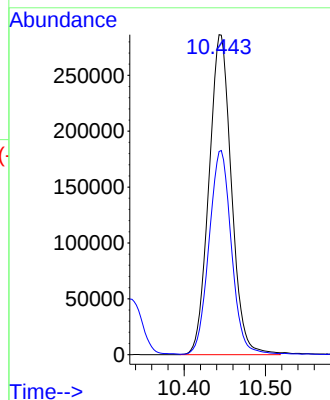
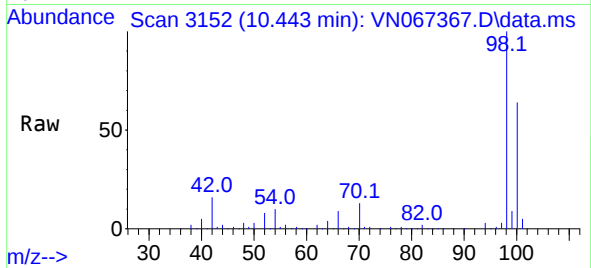
#63  
Toluene-d8  
Concen: 31.11 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 98 Resp: 550737  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.2 76.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

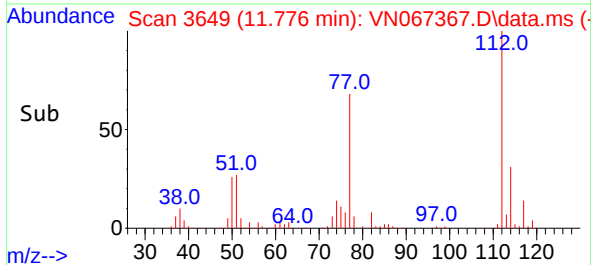
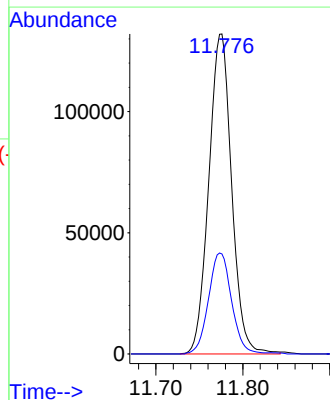
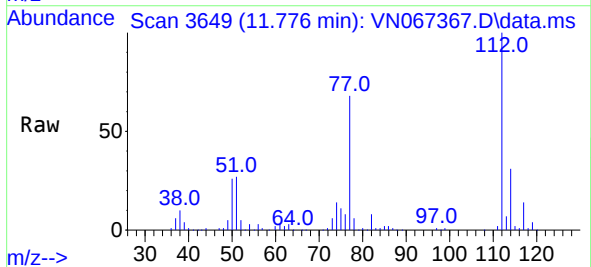
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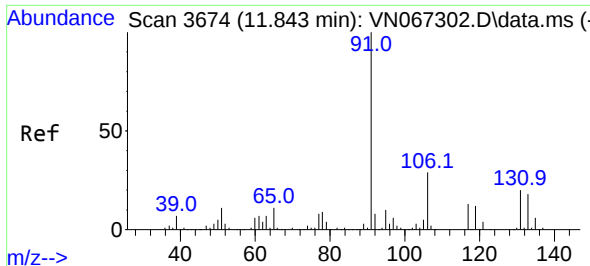
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6/17/2021 3:09:37 PM



#64  
Chlorobenzene  
Concen: 18.46 ug/l  
RT: 11.776 min Scan# 3649  
Delta R.T. 0.005 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 112 Resp: 240899  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.4 38.0





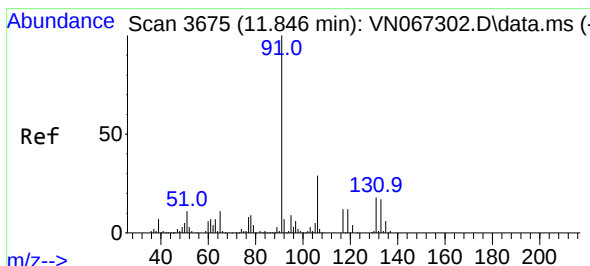
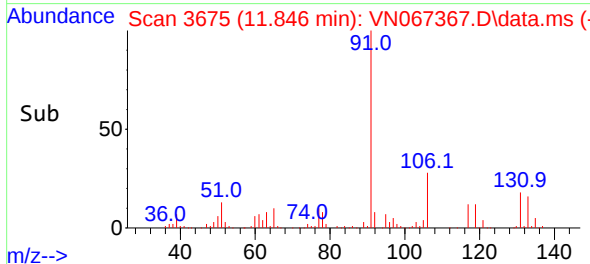
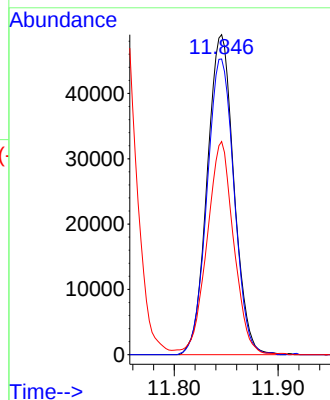
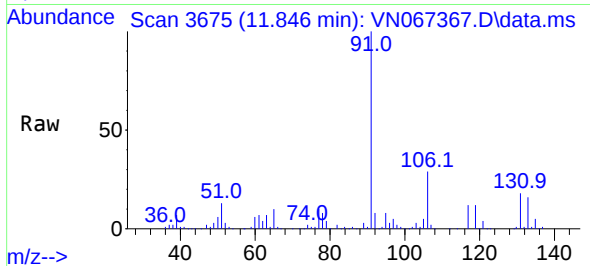
#65  
1,1,1,2-Tetrachloroethane  
Concen: 17.78 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:131 Resp: 87698  
Ion Ratio Lower Upper  
131 100  
133 93.6 0.0 189.6  
119 65.6 0.0 130.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

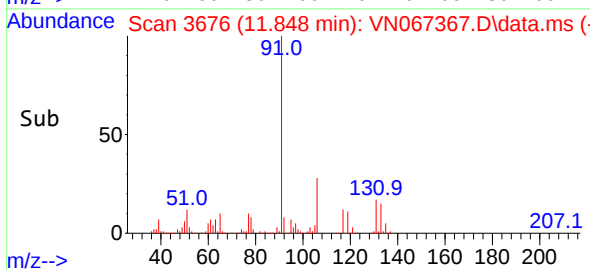
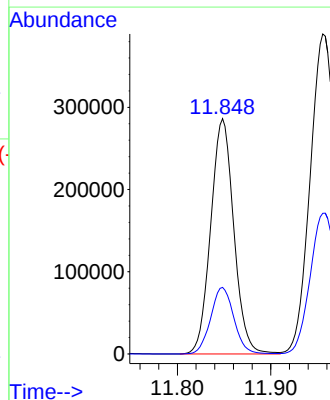
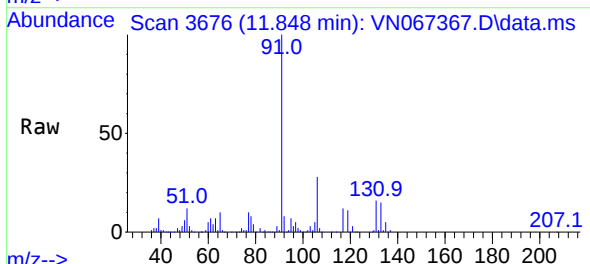
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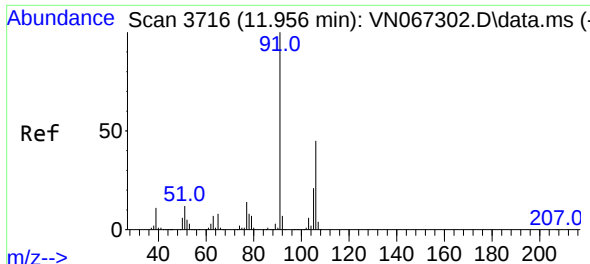
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6/17/2021 3:09:37 PM



#66  
Ethyl Benzene  
Concen: 19.06 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion: 91 Resp: 491747  
Ion Ratio Lower Upper  
91 100  
106 28.3 23.4 35.0





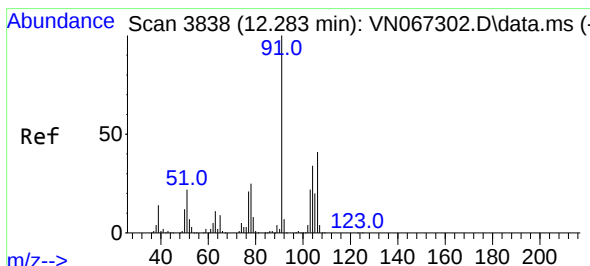
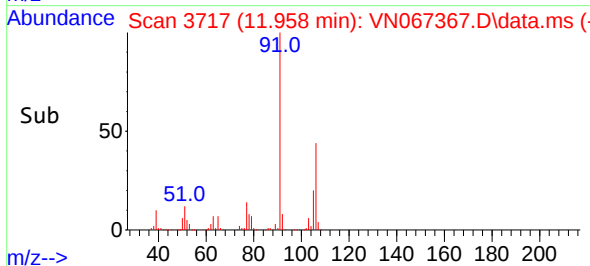
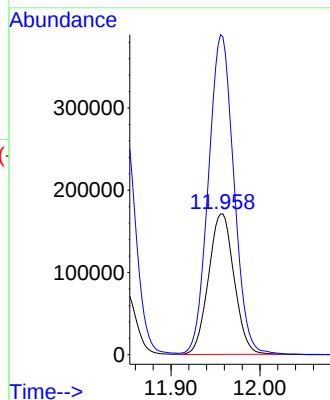
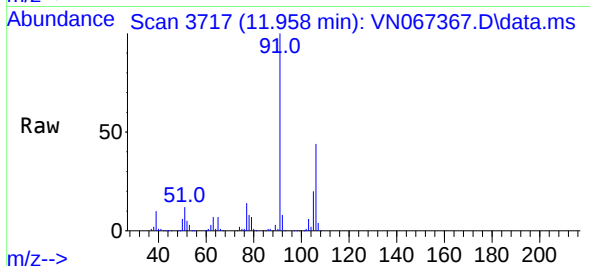
#67  
m/p-Xylenes  
Concen: 37.55 ug/l  
RT: 11.958 min Scan# 3717  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:106 Resp: 341692  
Ion Ratio Lower Upper  
106 100  
91 226.8 181.3 271.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

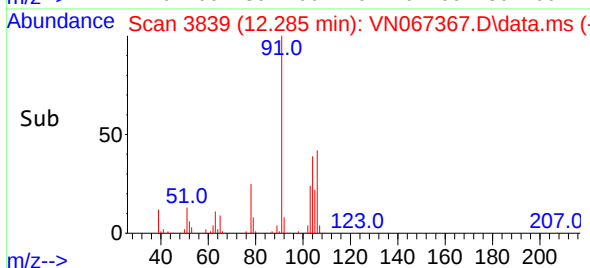
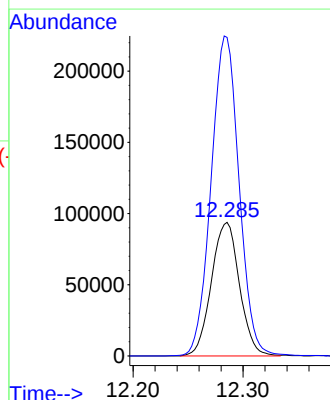
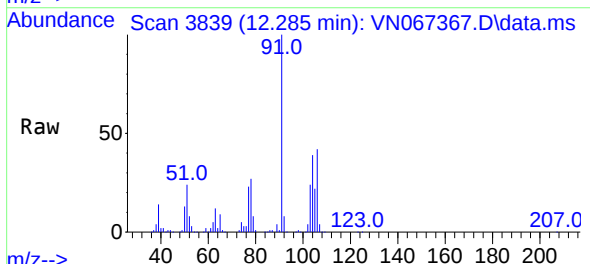
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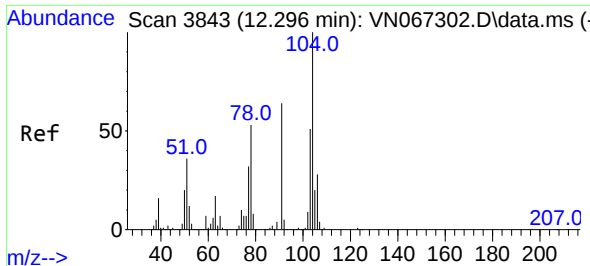
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6/17/2021 3:09:37 PM



#68  
o-Xylene  
Concen: 18.31 ug/l  
RT: 12.285 min Scan# 3839  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

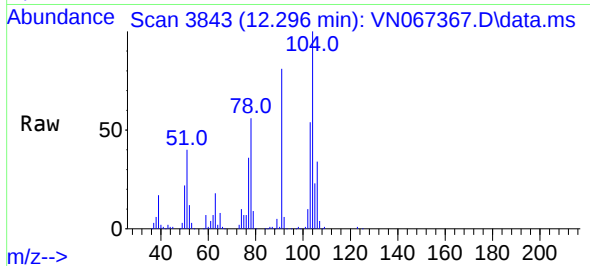
Tgt Ion:106 Resp: 166295  
Ion Ratio Lower Upper  
106 100  
91 238.9 120.0 360.0





#69  
Styrene  
Concen: 17.99 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

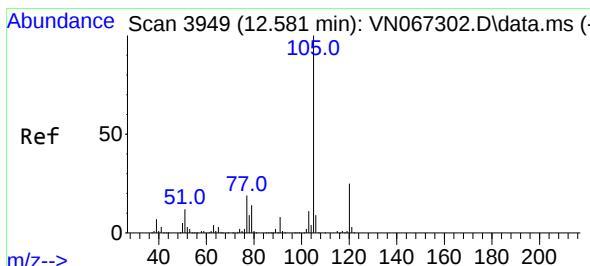
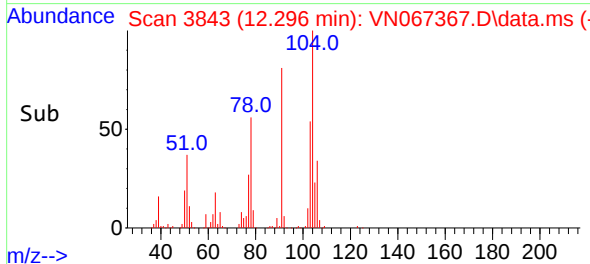
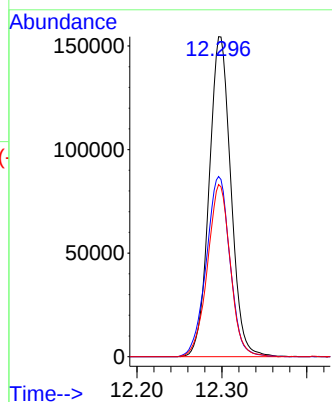
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



Tgt Ion:104 Resp: 274706  
Ion Ratio Lower Upper  
104 100  
78 61.3 48.2 72.2  
103 56.5 44.5 66.7

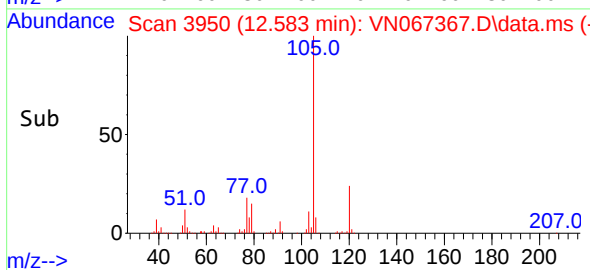
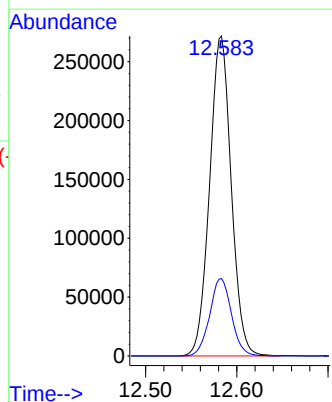
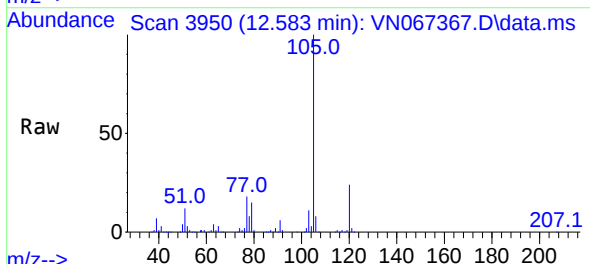
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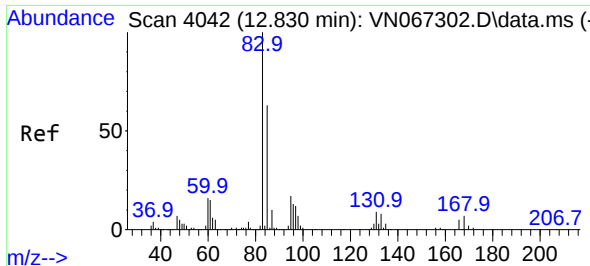
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#70  
Isopropylbenzene  
Concen: 19.14 ug/l  
RT: 12.583 min Scan# 3950  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

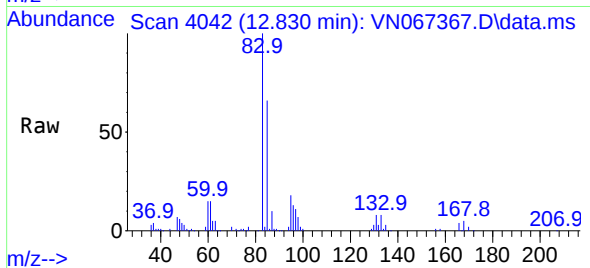
Tgt Ion:105 Resp: 447721  
Ion Ratio Lower Upper  
105 100  
120 24.4 17.6 32.6





#71  
1,1,2,2-Tetrachloroethane  
Concen: 18.61 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

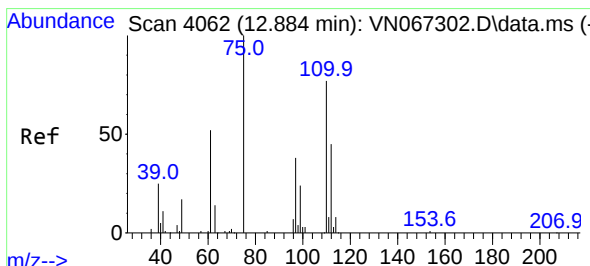
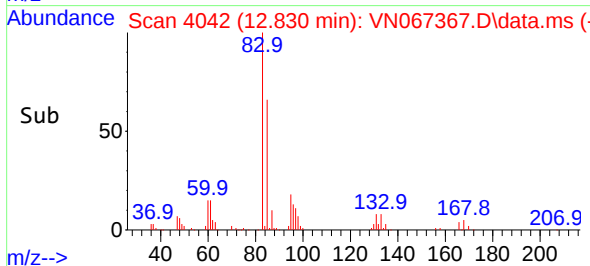
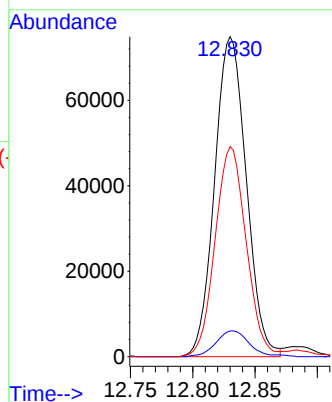
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



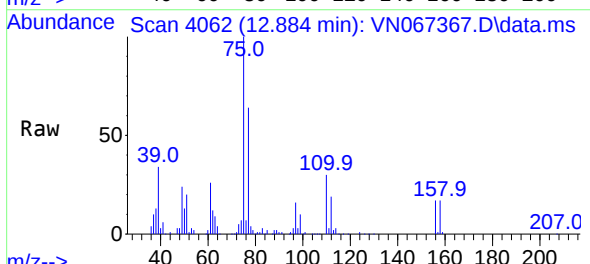
Tgt Ion: 83 Resp: 132466  
Ion Ratio Lower Upper  
83 100  
131 8.5 4.7 14.0  
85 64.1 32.2 96.6

Manual Integrations  
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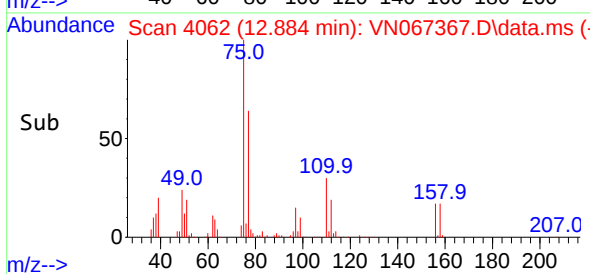
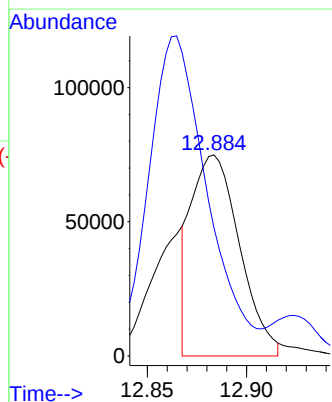
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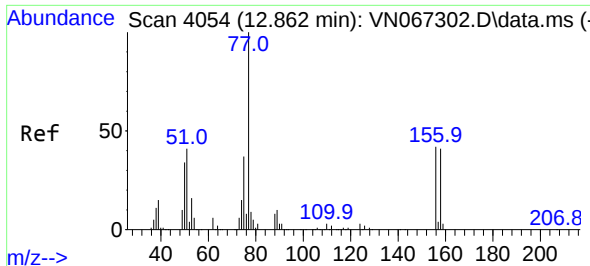


#72  
1,2,3-Trichloropropane  
Concen: 17.84 ug/l m  
RT: 12.884 min Scan# 4062  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



Tgt Ion: 75 Resp: 126541  
Ion Ratio Lower Upper  
75 100  
77 194.3 0.0 374.2





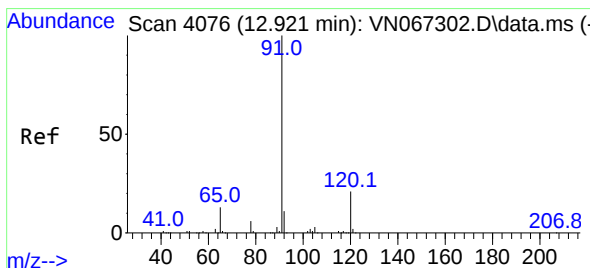
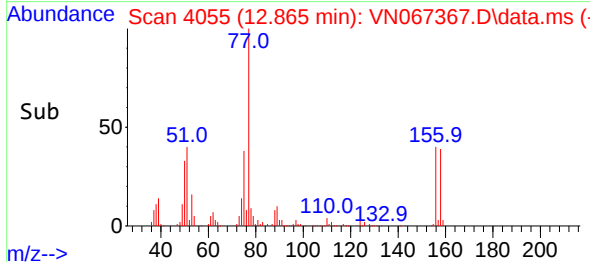
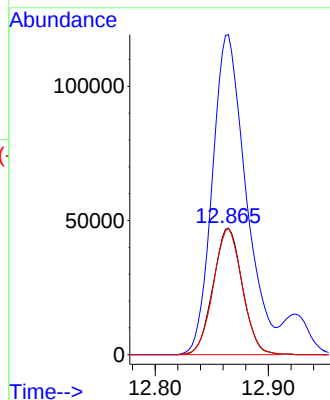
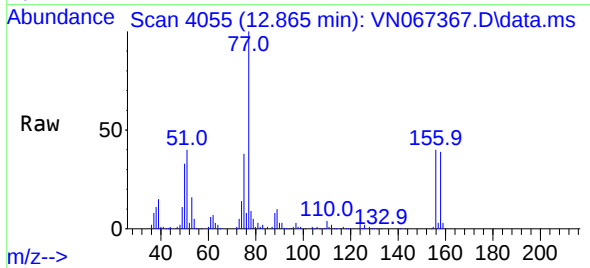
#73  
Bromobenzene  
Concen: 17.30 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 291.9 | 0.0   | 548.0 |
| 158     | 98.9  | 0.0   | 194.0 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

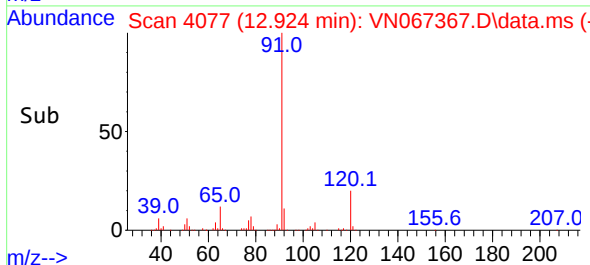
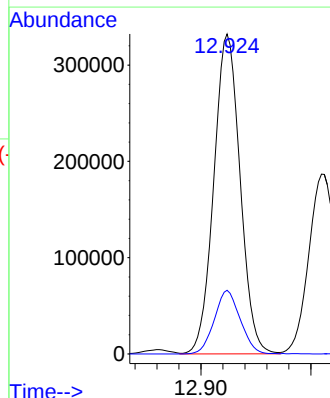
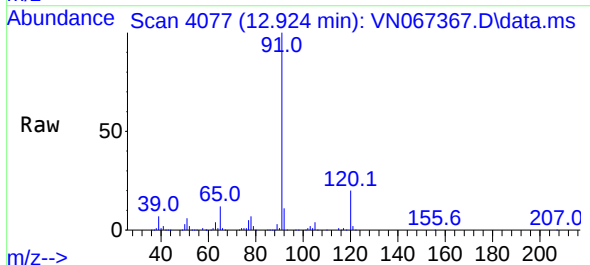
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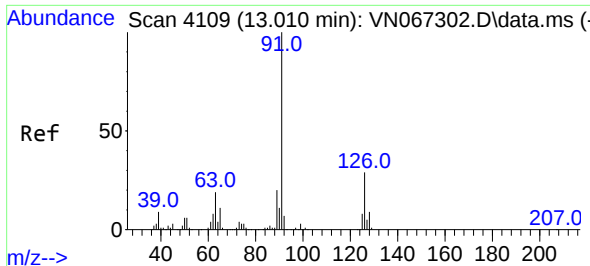
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#74  
n-propylbenzene  
Concen: 19.62 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 19.6  | 0.0   | 41.0  |





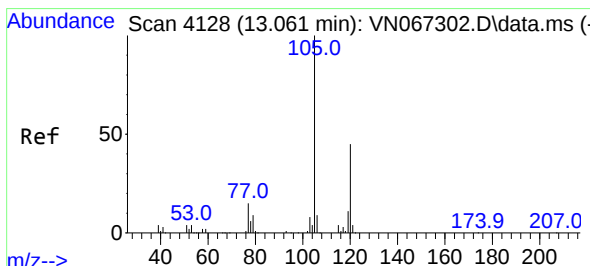
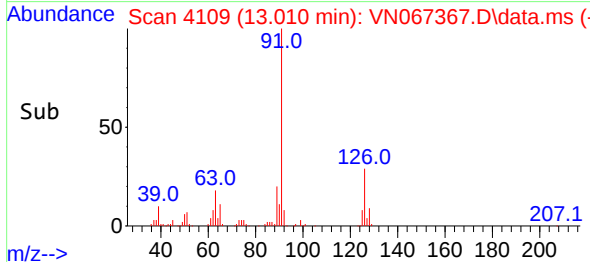
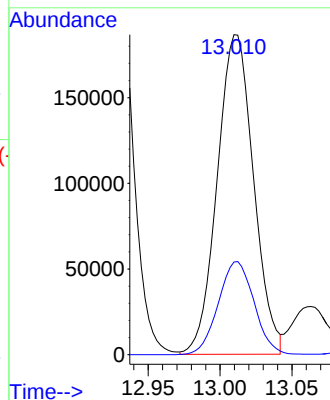
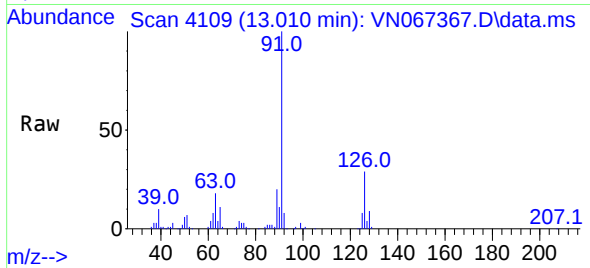
#75  
2-Chlorotoluene  
Concen: 18.43 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

Manual Integrations  
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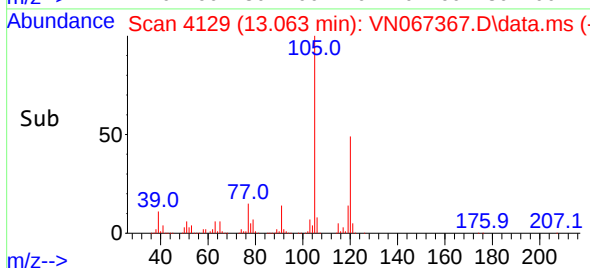
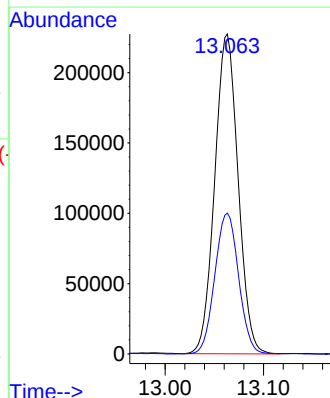
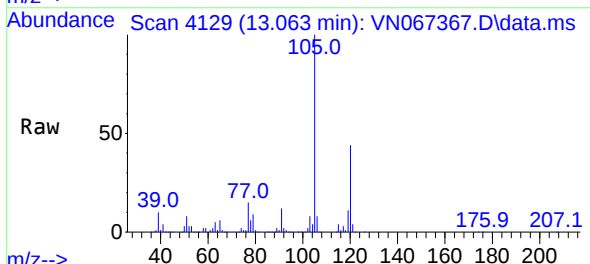
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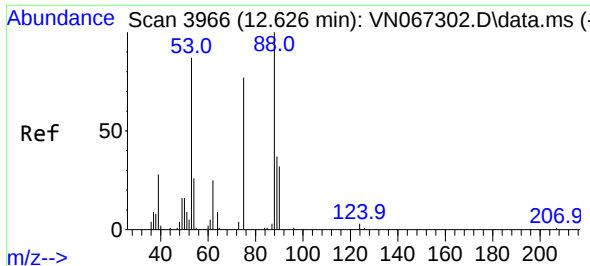
Tgt Ion: 91 Resp: 328200  
Ion Ratio Lower Upper  
91 100  
126 28.8 0.0 0.0#



#76  
1,3,5-Trimethylbenzene  
Concen: 18.94 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

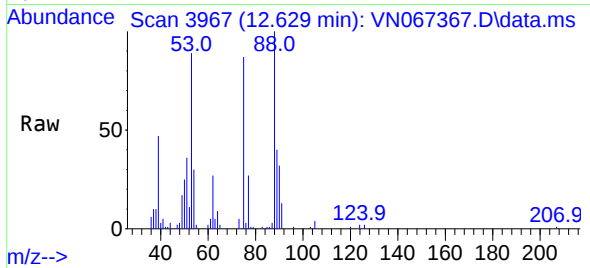
Tgt Ion: 105 Resp: 375476  
Ion Ratio Lower Upper  
105 100  
120 44.6 0.0 90.2





#77  
t-1,4-Dichloro-2-butene  
Concen: 17.92 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

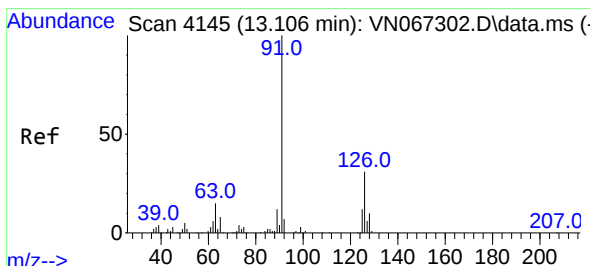
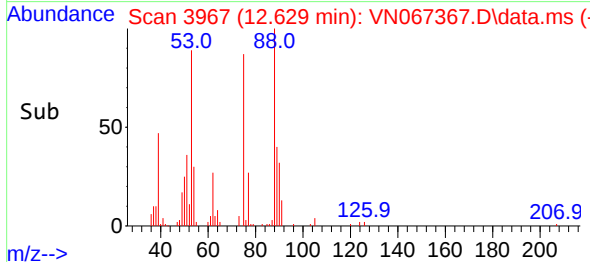
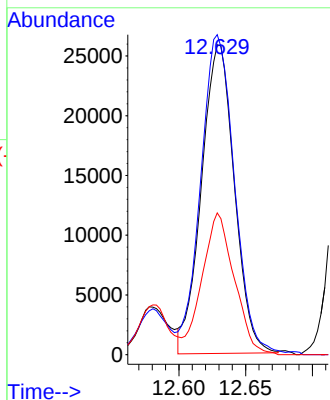
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



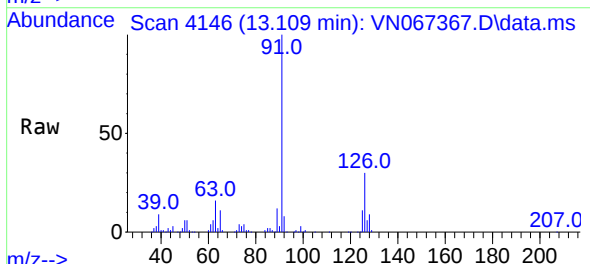
Tgt Ion: 75 Resp: 44286  
Ion Ratio Lower Upper  
75 100  
53 103.0 55.2 165.6  
89 46.2 24.5 73.5

Manual Integrations  
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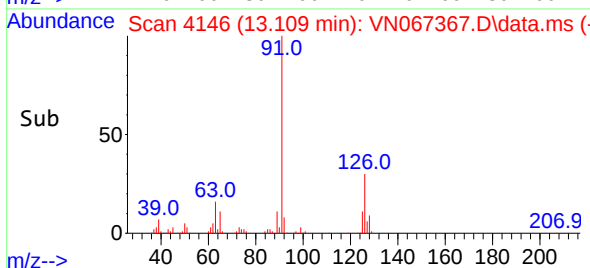
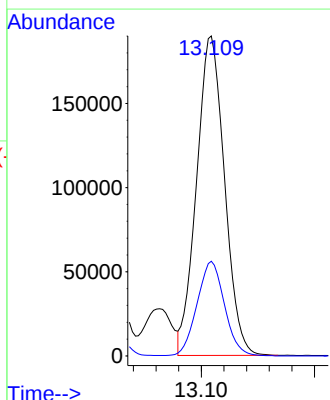
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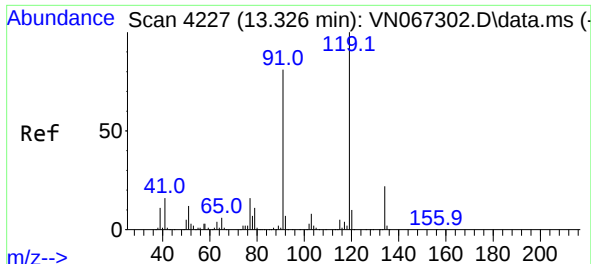


#78  
4-Chlorotoluene  
Concen: 18.36 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



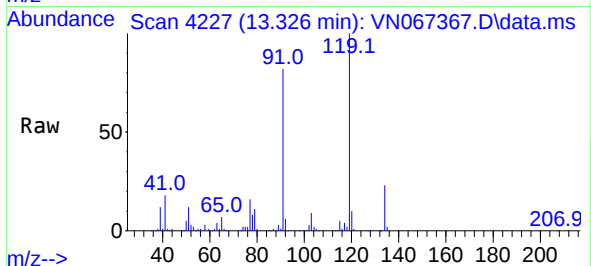
Tgt Ion: 91 Resp: 325151  
Ion Ratio Lower Upper  
91 100  
126 29.1 0.0 57.6





#79  
tert-butylbenzene  
Concen: 18.98 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

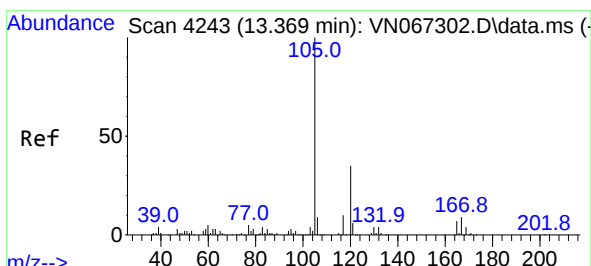
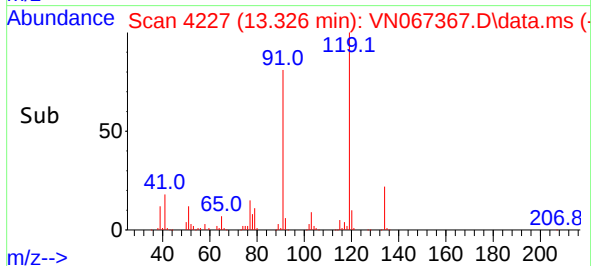
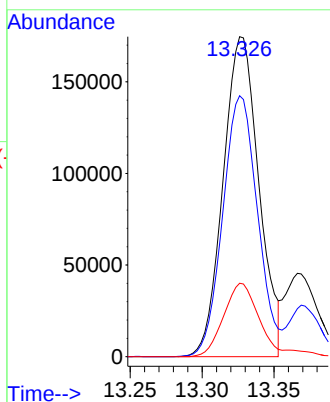
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



Tgt Ion:119 Resp: 302263  
Ion Ratio Lower Upper  
119 100  
91 79.9 0.0 158.4  
134 22.2 0.0 43.6

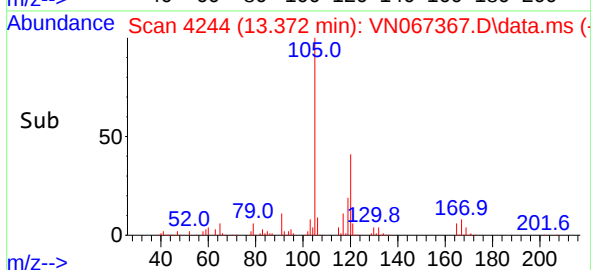
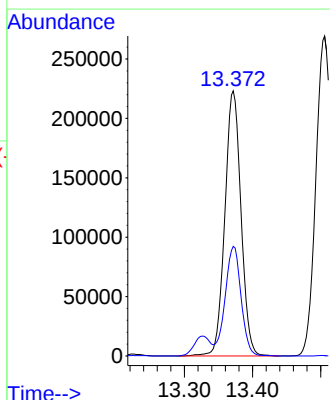
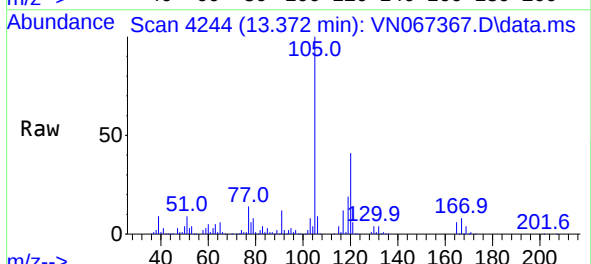
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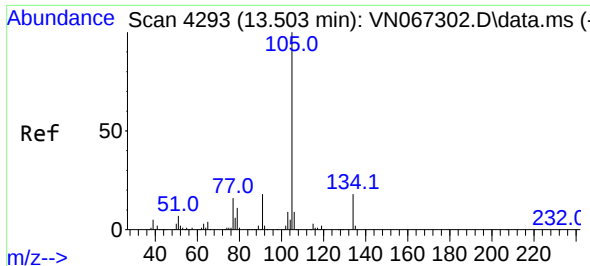
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#80  
1,2,4-Trimethylbenzene  
Concen: 18.81 ug/l m  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

Tgt Ion:105 Resp: 368144  
Ion Ratio Lower Upper  
105 100  
120 0.1 0.0 0.4





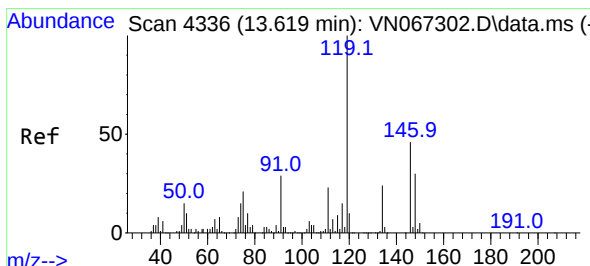
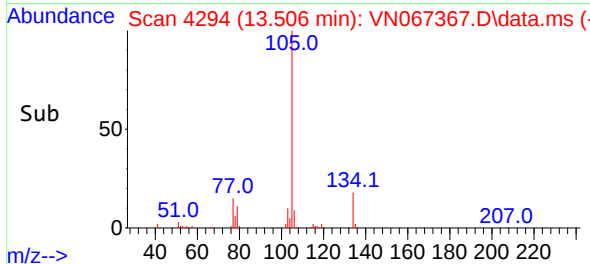
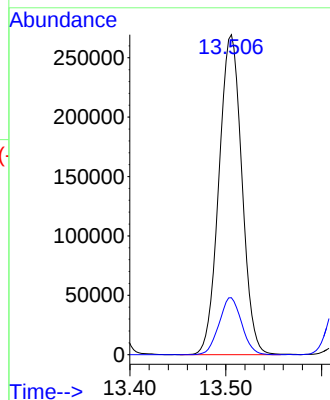
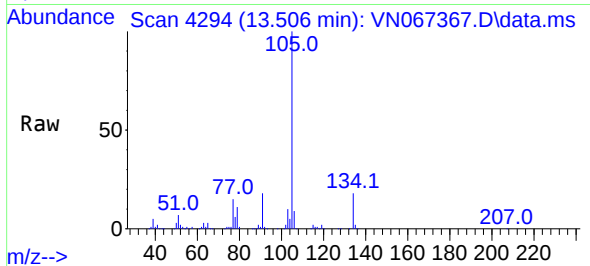
#81  
 sec-Butylbenzene  
 Concen: 20.20 ug/l  
 RT: 13.506 min Scan# 4294  
 Delta R.T. 0.003 min  
 Lab File: VN067367.D  
 Acq: 16 Jun 2021 17:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0616WBS01

Tgt Ion:105 Resp: 446610  
 Ion Ratio Lower Upper  
 105 100  
 134 17.5 0.0 35.4

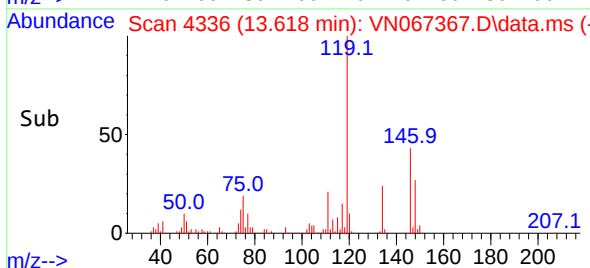
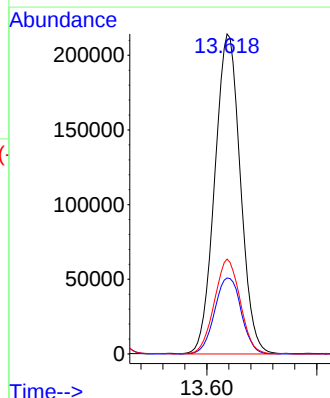
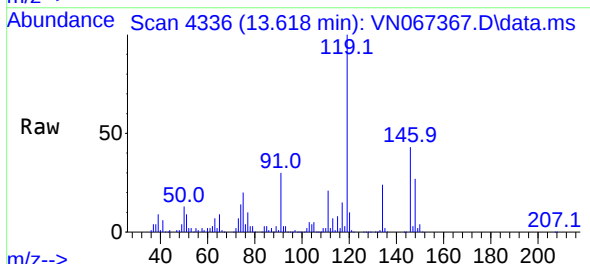
Manual Integrations  
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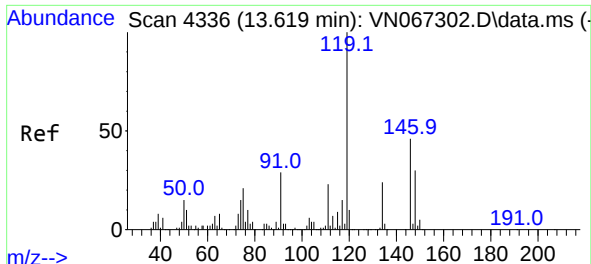
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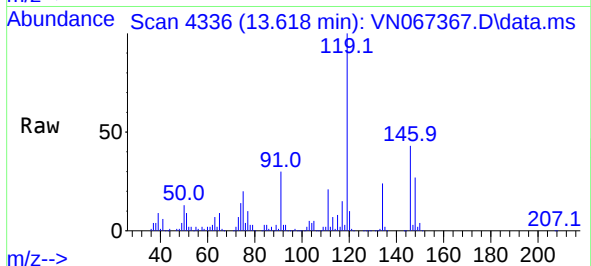
#82  
 p-Isopropyltoluene  
 Concen: 19.40 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.000 min  
 Lab File: VN067367.D  
 Acq: 16 Jun 2021 17:00

Tgt Ion:119 Resp: 345846  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 0.0 49.0  
 91 30.0 0.0 59.6

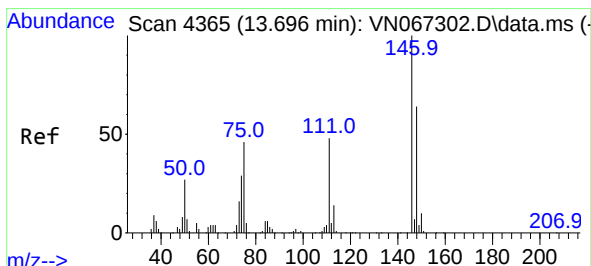
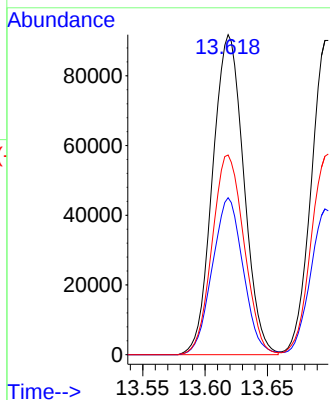
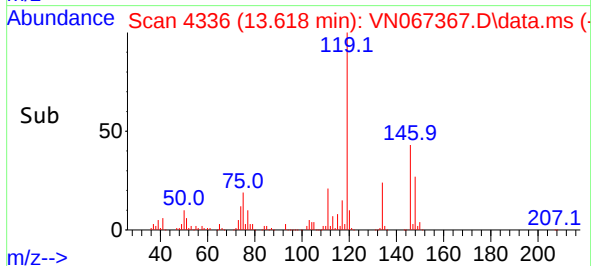




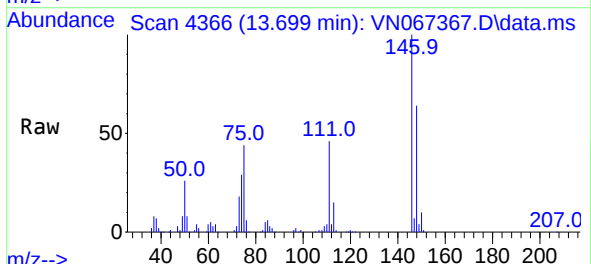
#83  
1,3-Dichlorobenzene  
Concen: 18.21 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



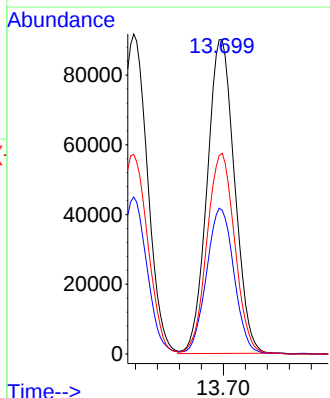
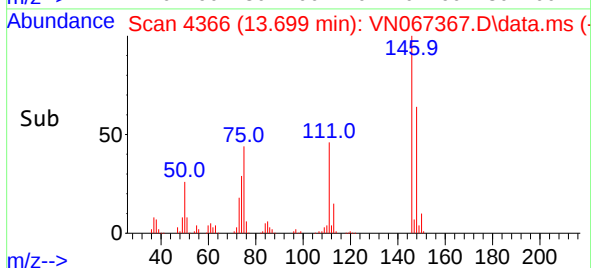
Tgt Ion:146 Resp: 159850  
Ion Ratio Lower Upper  
146 100  
111 48.7 25.0 75.0  
148 64.0 32.6 97.7



#84  
1,4-Dichlorobenzene  
Concen: 17.72 ug/l  
RT: 13.699 min Scan# 4366  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



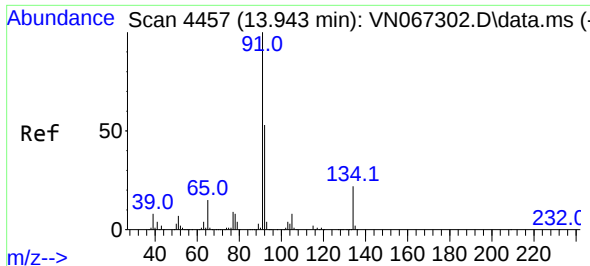
Tgt Ion:146 Resp: 156095  
Ion Ratio Lower Upper  
146 100  
111 46.6 23.6 71.0  
148 64.3 31.8 95.3



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

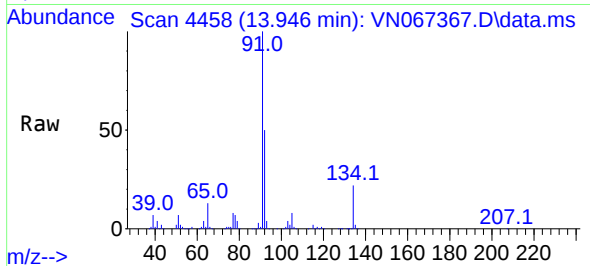
Manual Integrations  
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#85  
n-Butylbenzene  
Concen: 20.67 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

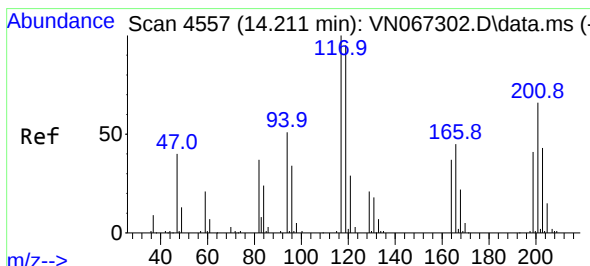
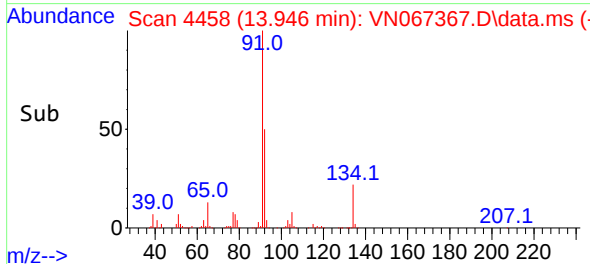
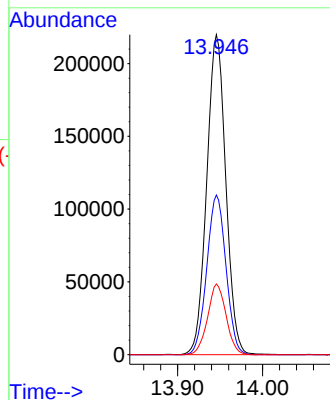
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



Tgt Ion: 91 Resp: 342800  
Ion Ratio Lower Upper  
91 100  
92 50.2 0.0 103.0  
134 21.5 0.0 43.6

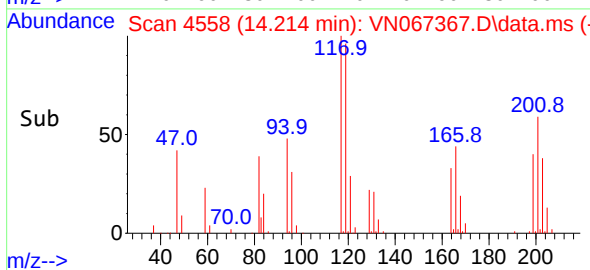
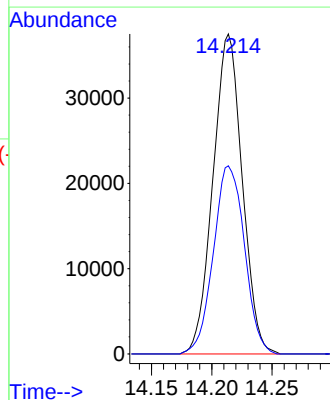
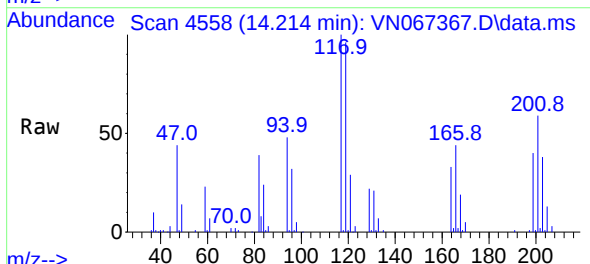
Manual Integrations  
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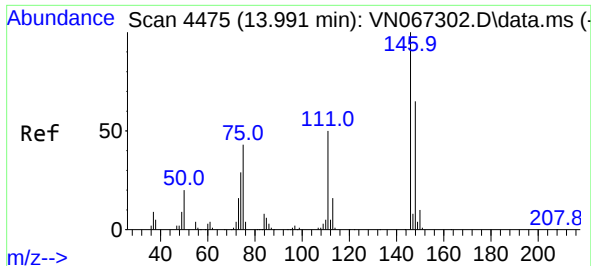
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#86  
Hexachloroethane  
Concen: 17.37 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

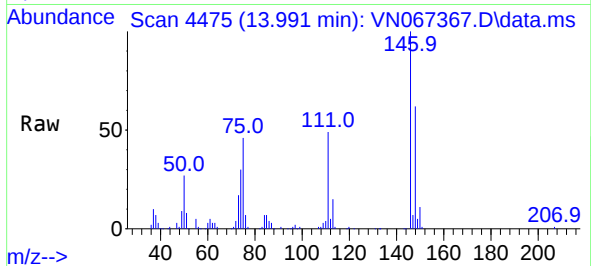
Tgt Ion: 117 Resp: 63378  
Ion Ratio Lower Upper  
117 100  
201 62.5 33.3 99.9





#87  
1,2-Dichlorobenzene  
Concen: 17.78 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

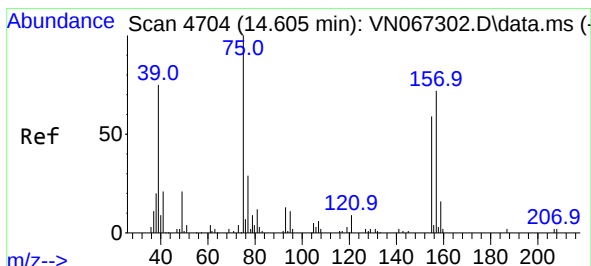
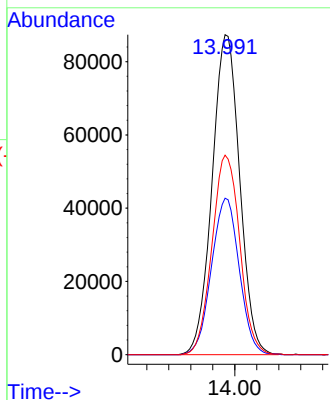
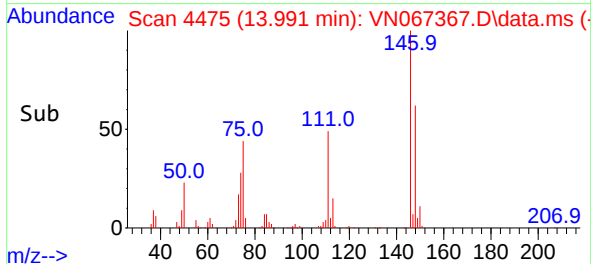
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



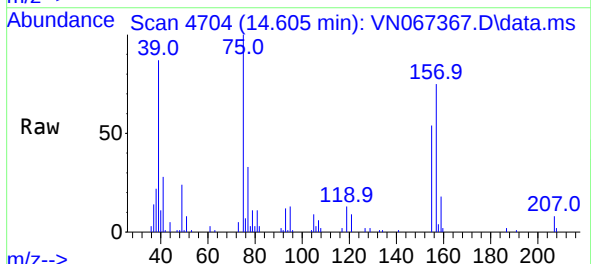
Tgt Ion:146 Resp: 152311  
Ion Ratio Lower Upper  
146 100  
111 49.3 25.0 75.0  
148 62.7 32.0 96.0

Manual Integrations  
APPROVED

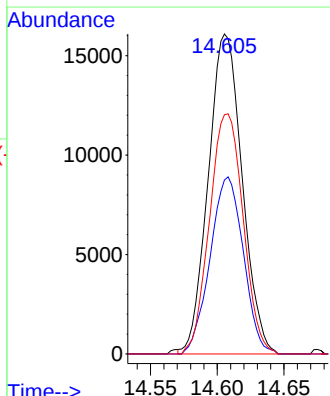
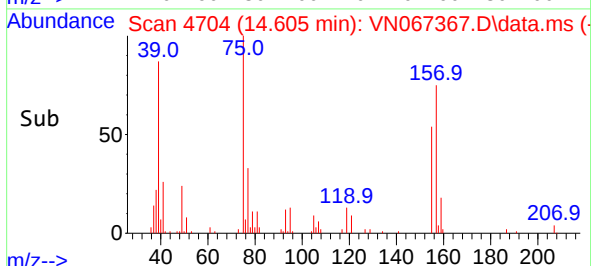
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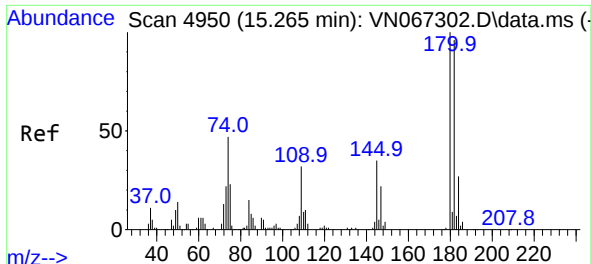


#88  
1,2-Dibromo-3-Chloropropane  
Concen: 15.77 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



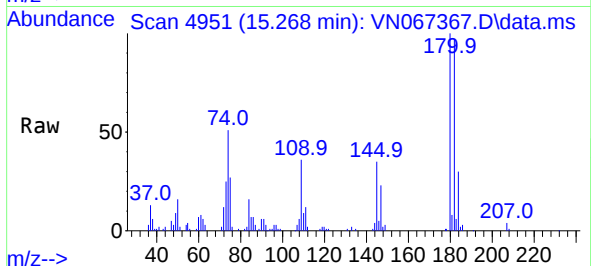
Tgt Ion: 75 Resp: 28434  
Ion Ratio Lower Upper  
75 100  
155 54.2 45.3 67.9  
157 74.4 58.6 87.8





#89  
1,2,4-Trichlorobenzene  
Concen: 16.97 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

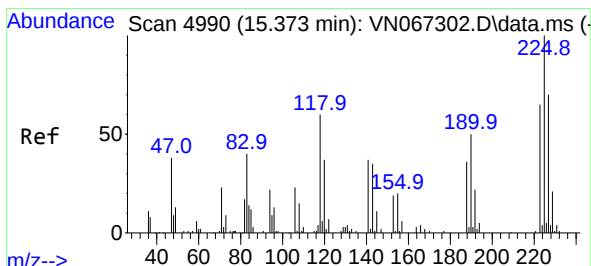
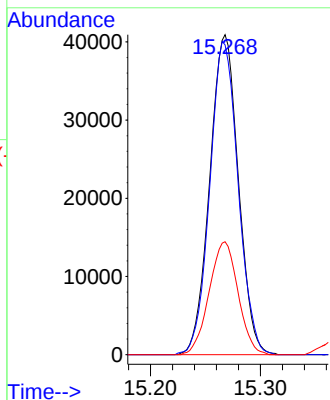
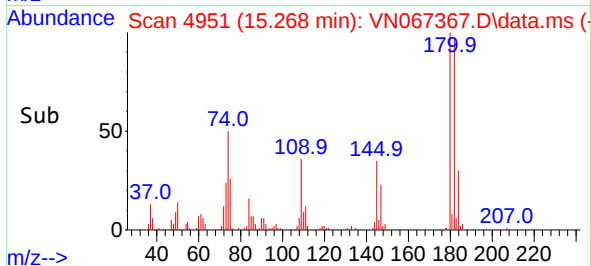
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01



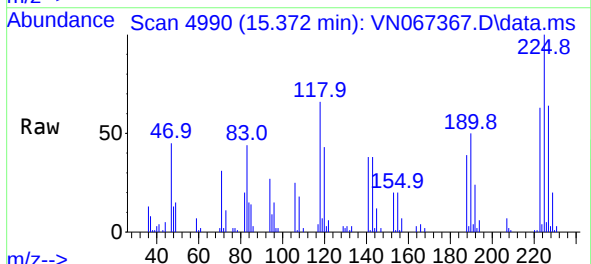
Tgt Ion:180 Resp: 73937  
Ion Ratio Lower Upper  
180 100  
182 96.8 75.9 113.9  
145 35.7 28.8 43.2

Manual Integrations  
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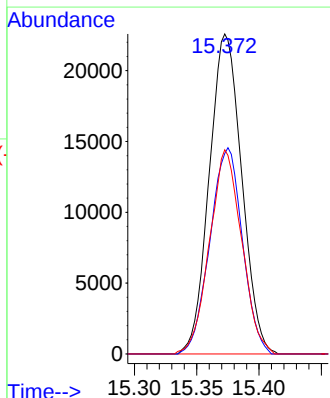
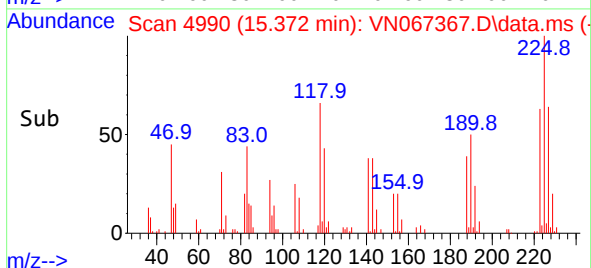
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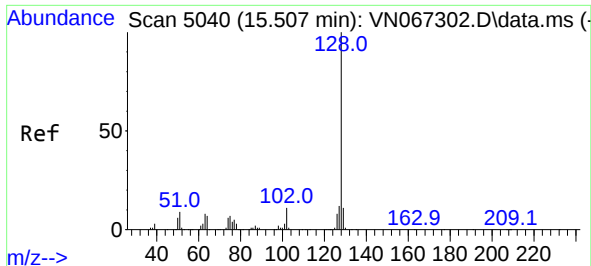


#90  
Hexachlorobutadiene  
Concen: 17.68 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.000 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00



Tgt Ion:225 Resp: 40894  
Ion Ratio Lower Upper  
225 100  
223 64.4 0.0 129.6  
227 63.2 0.0 131.2





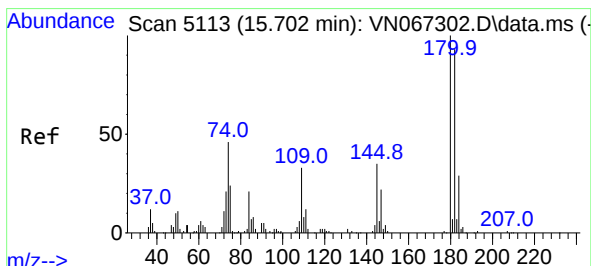
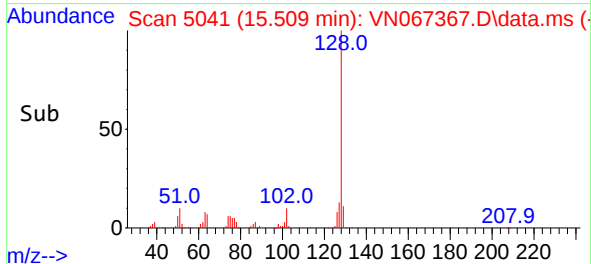
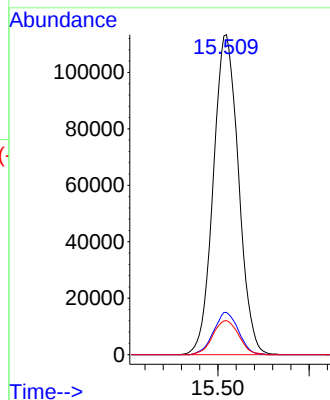
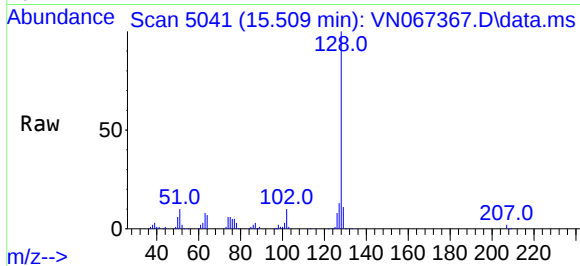
#91  
Naphthalene  
Concen: 14.90 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 217899 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.1  | 10.1  | 15.1   |
| 129      | 11.0  | 8.9   | 13.3   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0616WBS01

Manual Integrations  
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6/17/2021 3:09:37 PM



#92  
1,2,3-Trichlorobenzene  
Concen: 16.54 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN067367.D  
Acq: 16 Jun 2021 17:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 70104 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.5  | 0.0   | 184.6 |
| 145      | 37.4  | 0.0   | 76.0  |

