

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063021\  
 Data File : VN067574.D  
 Acq On : 30 Jun 2021 16:03  
 Operator : JC/MD  
 Sample : VN0630MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 30 16:37:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 28 14:31:03 2021  
 Response via : Initial Calibration

| Compound                   | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| -----                      |       |      |          |        |       |          |
| Internal Standards         |       |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086 | 168  | 168045   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968 | 114  | 309400   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 0.000 | 117  | 0        | 0.000  | ug/l  | -11.75   |
| 72) 1,4-Dichlorobenzene-d4 | 0.000 | 152  | 0        | 0.000  | ug/l  | -13.68   |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 127164   | 55.292   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 110.580% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 89338    | 46.572   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 93.140%  |      |
| 50) Toluene-d8              | 0.000  | 98    | 0        | 0.000    | ug/l       |      |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 0.000%#  |      |
| 62) 4-Bromofluorobenzene    | 0.000  | 95    | 0        | 0.000    | ug/l       |      |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 0.000%#  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 30506  | 17.548  | ug/l   | 98  |
| 3) Chloromethane             | 2.303 | 50  | 44430  | 21.236  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.443 | 62  | 70549  | 25.080  | ug/l   | 94  |
| 5) Bromomethane              | 2.859 | 94  | 56741  | 27.420  | ug/l   | 100 |
| 6) Chloroethane              | 3.019 | 64  | 51624  | 26.314  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.371 | 101 | 136754 | 27.057  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.811 | 74  | 27545  | 23.520  | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.202 | 101 | 30671  | 18.383  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.417 | 142 | 34101  | 15.680  | ug/l   | 93  |
| 11) Tert butyl alcohol       | 5.390 | 59  | 34270  | 99.824  | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.173 | 96  | 28338  | 17.374  | ug/l   | 85  |
| 13) Acrolein                 | 4.041 | 56  | 23089  | 103.402 | ug/l   | 98  |
| 14) Allyl chloride           | 4.830 | 41  | 25063  | 9.400   | ug/l # | 12  |
| 15) Acrylonitrile            | 5.557 | 53  | 83069  | 94.144  | ug/l   | 98  |
| 16) Acetone                  | 4.291 | 43  | 72300  | 95.308  | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.521 | 76  | 72966  | 15.867  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.865 | 43  | 37922  | 18.740  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.624 | 73  | 116224 | 18.583  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.090 | 84  | 36162  | 18.037  | ug/l   | 83  |
| 21) trans-1,2-Dichloroethene | 5.602 | 96  | 32530  | 17.586  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.498 | 45  | 115146 | 19.887  | ug/l # | 96  |
| 23) Vinyl Acetate            | 6.436 | 43  | 492957 | 101.560 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 63785  | 18.878  | ug/l   | 99  |
| 25) 2-Butanone               | 7.340 | 43  | 119972 | 102.551 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 57914  | 18.494  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 7.324 | 96  | 41959  | 18.751  | ug/l   | 87  |
| 28) Bromochloromethane       | 7.659 | 49  | 28590  | 18.082  | ug/l # | 81  |
| 29) Tetrahydrofuran          | 7.694 | 42  | 79796  | 102.434 | ug/l   | 91  |
| 30) Chloroform               | 7.817 | 83  | 73122  | 19.672  | ug/l   | 98  |
| 31) Cyclohexane              | 8.091 | 56  | 62477  | 18.965  | ug/l   | 87  |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 63937  | 18.944  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 53118  | 19.017  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.418 | 43  | 49745  | 19.395  | ug/l # | 88  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 52751  | 17.630  | ug/l   | 96  |
| 40) Benzene                  | 8.461 | 78  | 163634 | 19.348  | ug/l   | 100 |
| 41) Methacrylonitrile        | 7.638 | 41  | 25206  | 19.714  | ug/l # | 90  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063021\  
Data File : VN067574.D  
Acq On : 30 Jun 2021 16:03  
Operator : JC/MD  
Sample : VN0630MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 30 16:37:13 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 28 14:31:03 2021  
Response via : Initial Calibration

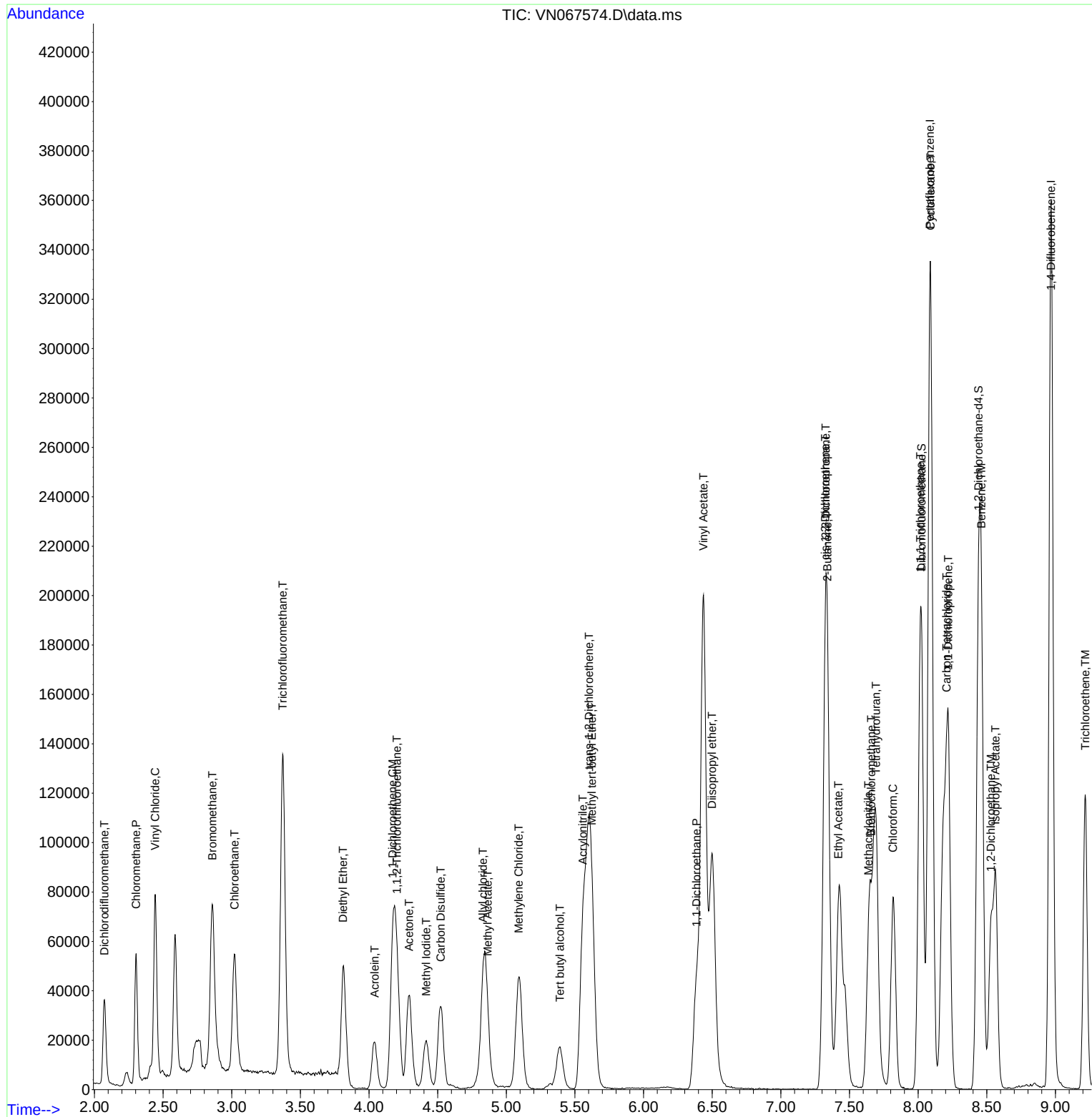
| Compound               | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|------------------------|-------|------|----------|--------|-------|----------|
| 42) 1,2-Dichloroethane | 8.531 | 62   | 61831    | 21.181 | ug/l  | 96       |
| 43) Isopropyl Acetate  | 8.563 | 43   | 91971    | 20.991 | ug/l  | 96       |
| 44) Trichloroethene    | 9.217 | 130  | 39963    | 18.143 | ug/l  | 89       |

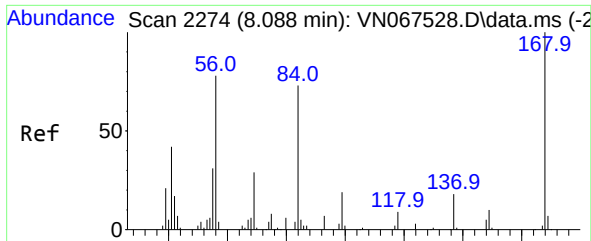
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063021\  
Data File : VN067574.D  
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Operator : JC/MD  
Sample : VN0630MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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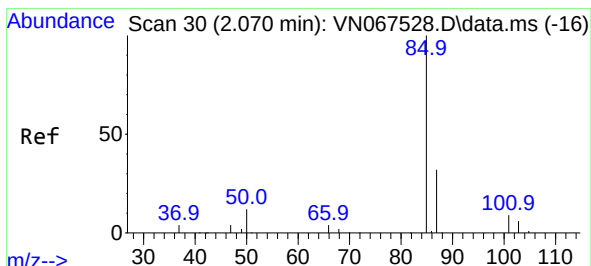
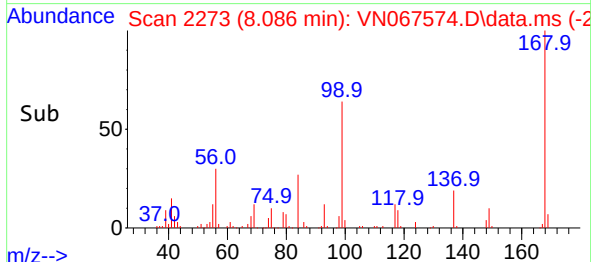
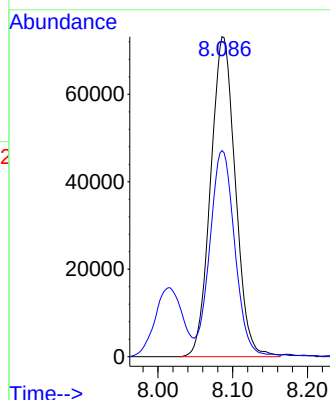
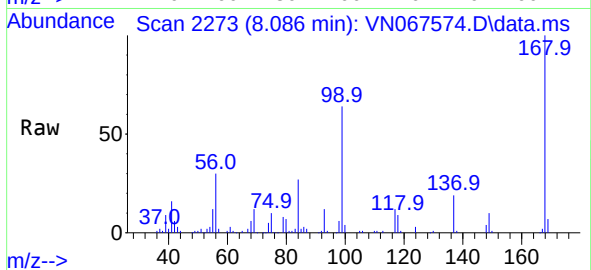




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.002 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

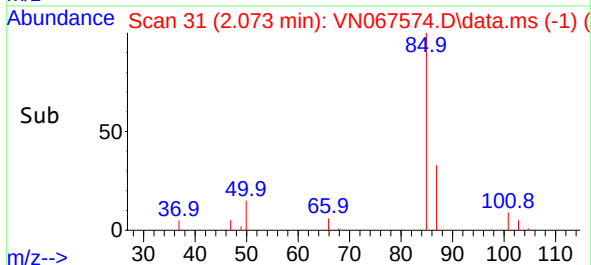
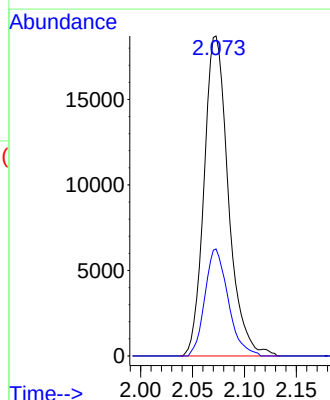
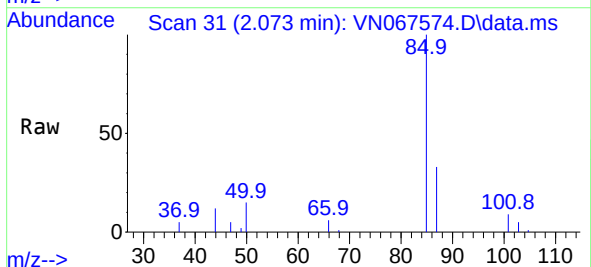
Instrument :  
MSVOA\_N  
ClientSampled :

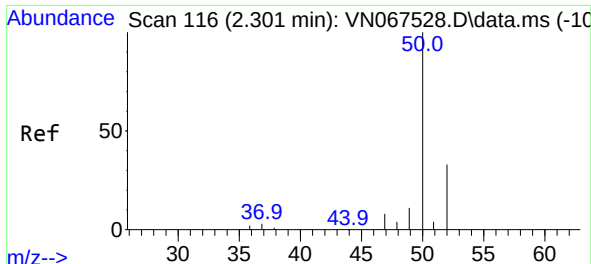
Tgt Ion:168 Resp: 168045  
Ion Ratio Lower Upper  
168 100  
99 63.8 62.9 94.3



#2  
Dichlorodifluoromethane  
Concen: 17.548 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 85 Resp: 30506  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.1 48.2

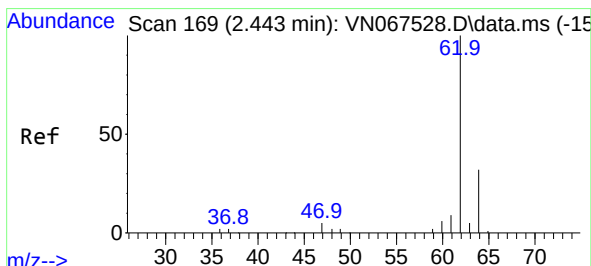
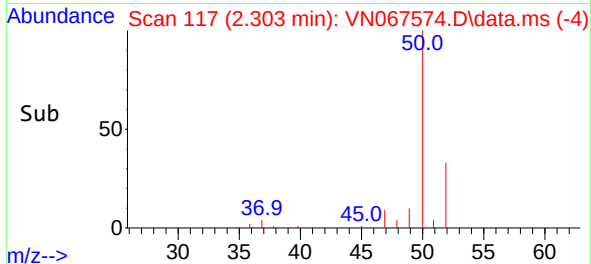
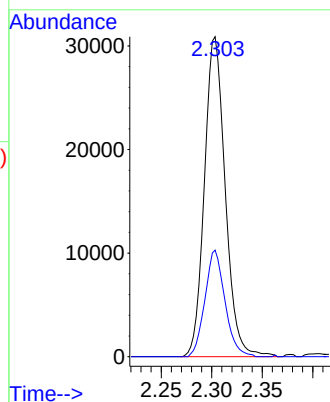
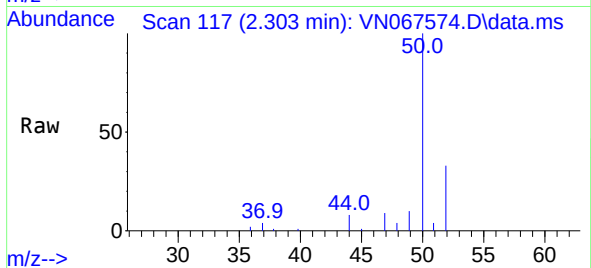




#3  
Chloromethane  
Concen: 21.236 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.002 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

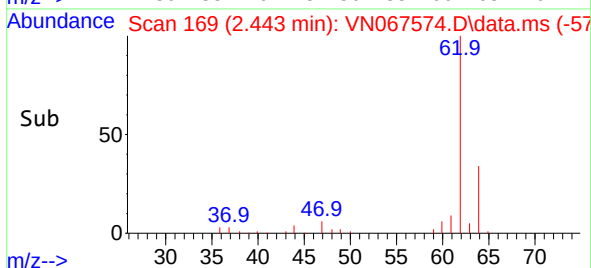
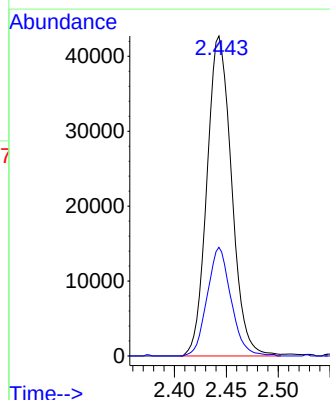
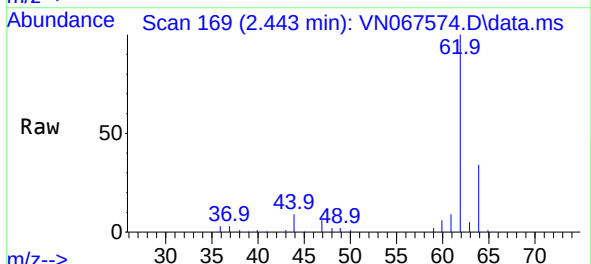
Instrument :  
MSVOA\_N  
ClientSampled :

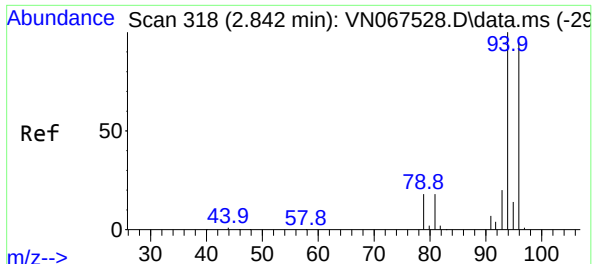
Tgt Ion: 50 Resp: 44430  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.6 38.4



#4  
Vinyl Chloride  
Concen: 25.080 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 62 Resp: 70549  
Ion Ratio Lower Upper  
62 100  
64 34.0 24.4 36.6

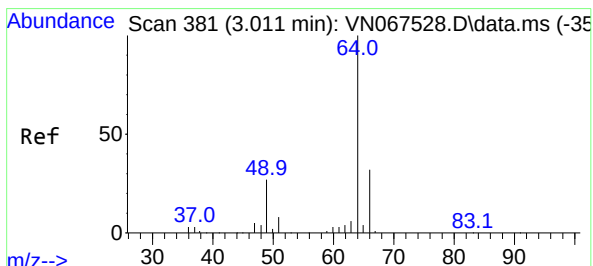
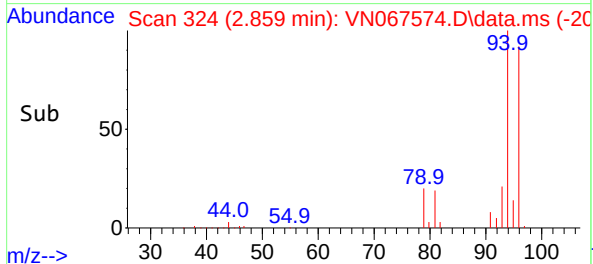
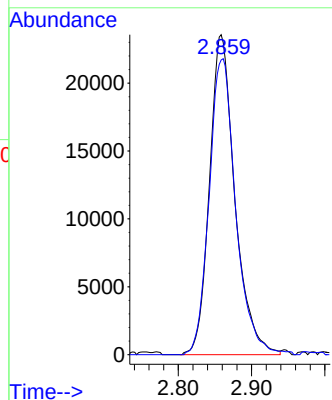
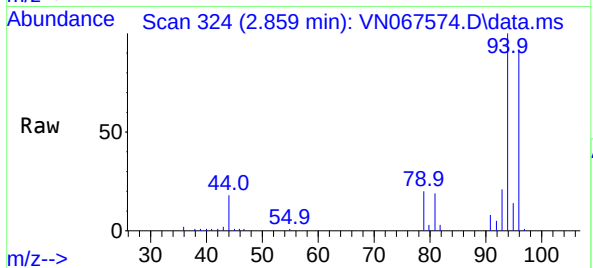




#5  
Bromomethane  
Concen: 27.420 ug/l  
RT: 2.859 min Scan# 324  
Delta R.T. 0.017 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

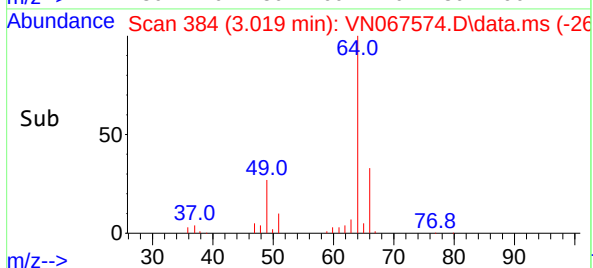
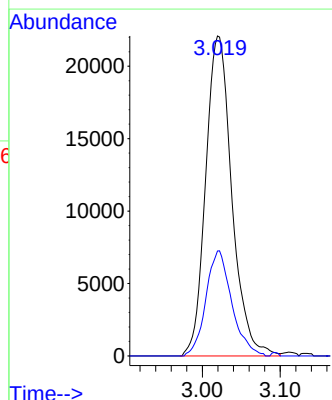
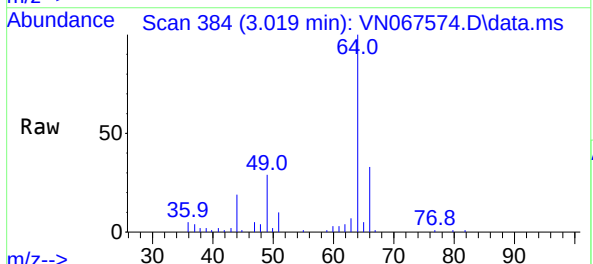
Instrument :  
MSVOA\_N  
ClientSampled :

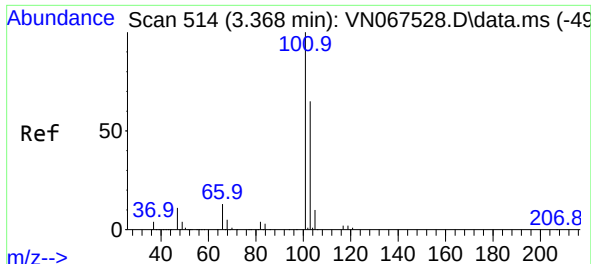
Tgt Ion: 94 Resp: 56741  
Ion Ratio Lower Upper  
94 100  
96 92.1 73.7 110.5



#6  
Chloroethane  
Concen: 26.314 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. 0.008 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 64 Resp: 51624  
Ion Ratio Lower Upper  
64 100  
66 32.8 24.7 37.1

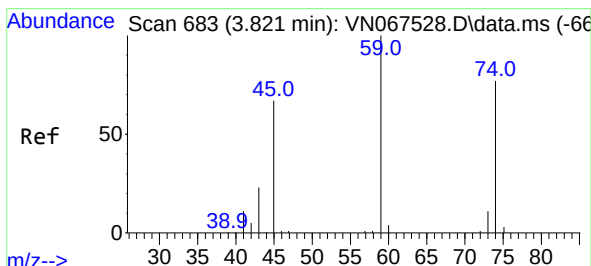
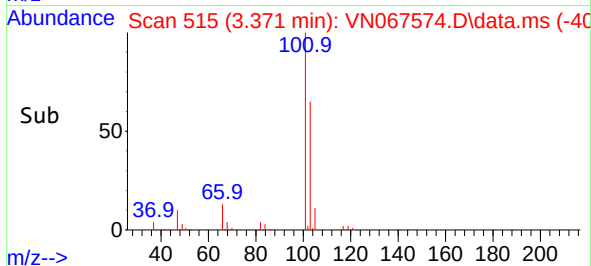
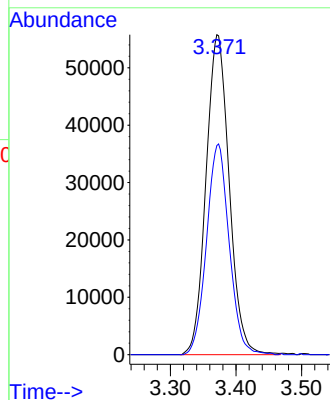
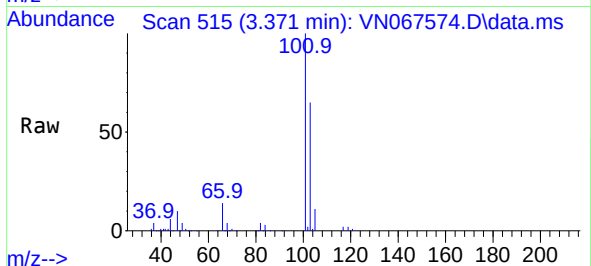




#7  
Trichlorofluoromethane  
Concen: 27.057 ug/l  
RT: 3.371 min Scan# 515  
Delta R.T. 0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

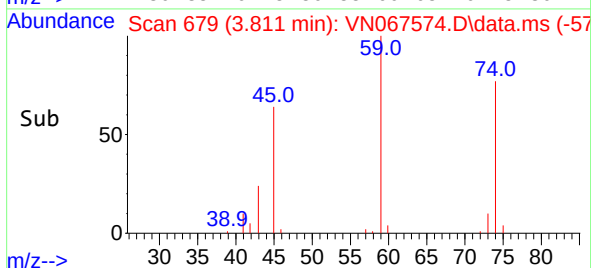
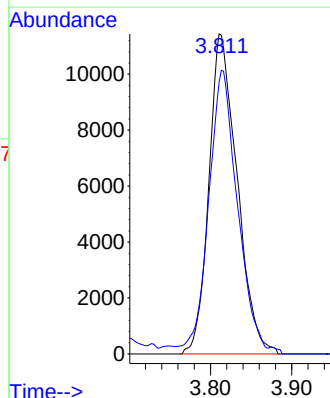
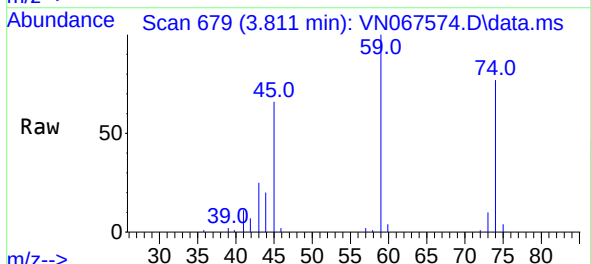
Instrument :  
MSVOA\_N  
ClientSampleId :

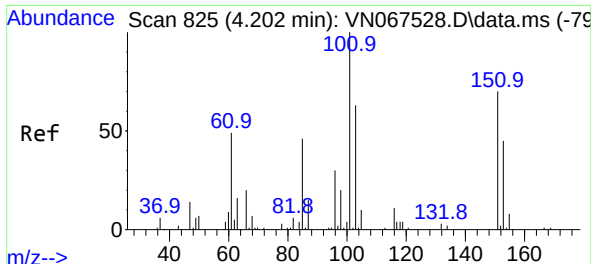
Tgt Ion:101 Resp: 136754  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.2 76.8



#8  
Diethyl Ether  
Concen: 23.520 ug/l  
RT: 3.811 min Scan# 679  
Delta R.T. -0.010 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 74 Resp: 27545  
Ion Ratio Lower Upper  
74 100  
45 85.6 50.2 150.7



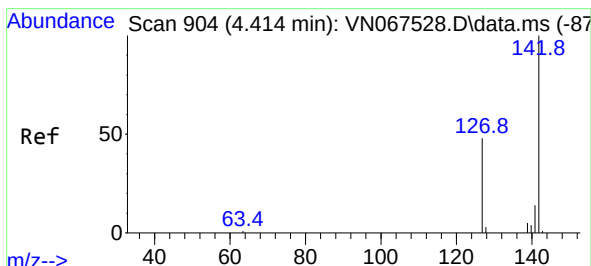
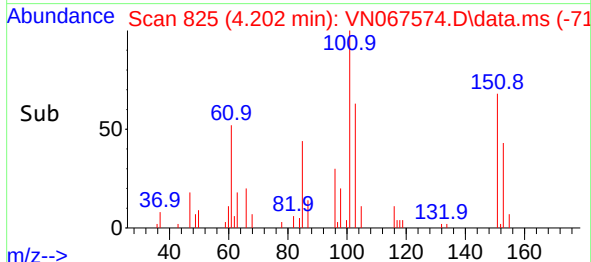
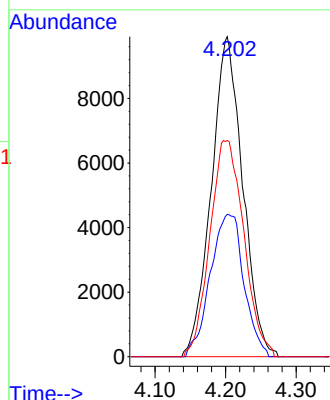
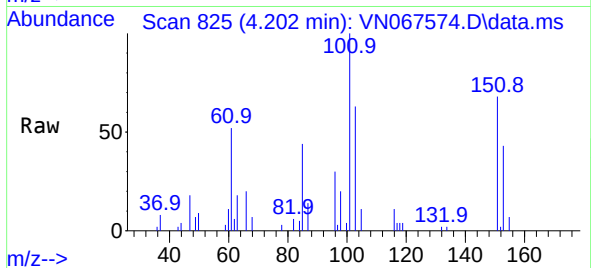


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.383 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:101 Resp: 30671

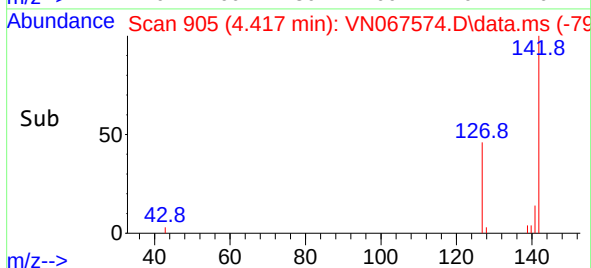
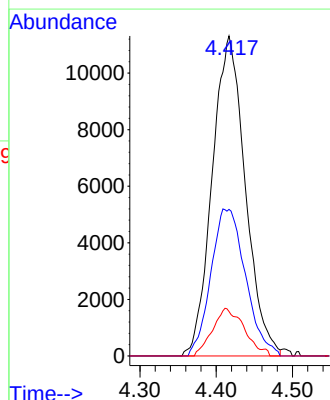
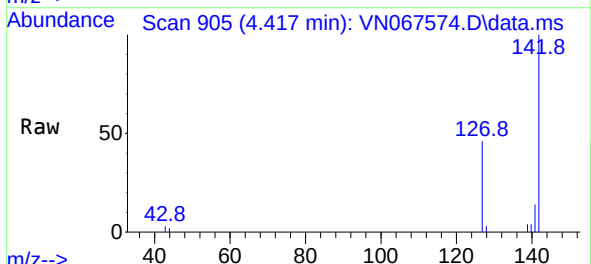
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 47.6  | 39.6  | 59.4  |
| 151 | 73.1  | 54.1  | 81.1  |



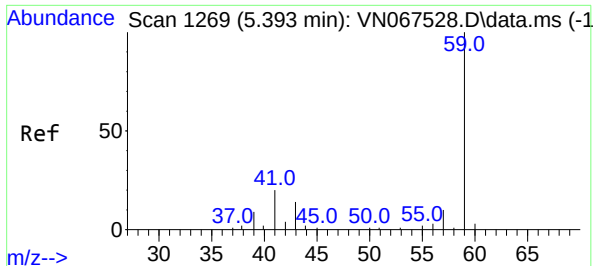
#10  
Methyl Iodide  
Concen: 15.680 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion:142 Resp: 34101

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 48.1  | 43.1  | 64.7  |
| 141 | 14.0  | 11.4  | 17.0  |





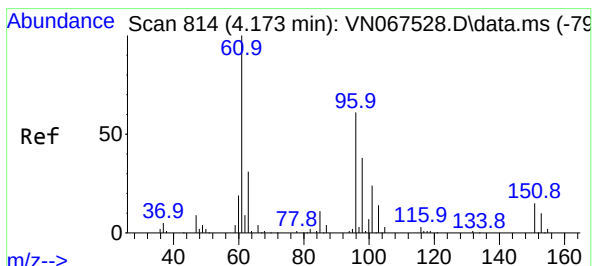
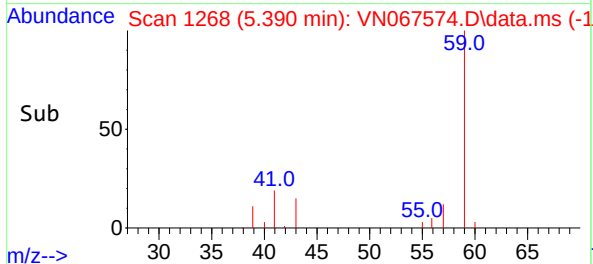
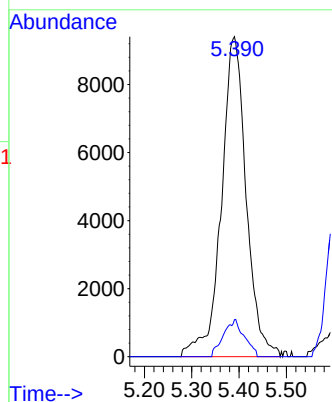
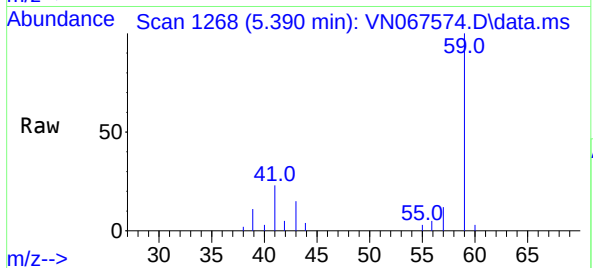


#11

Tert butyl alcohol  
Concen: 99.824 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. -0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

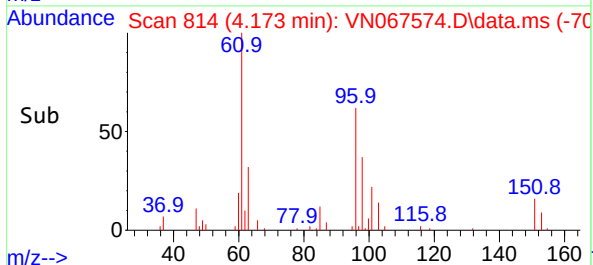
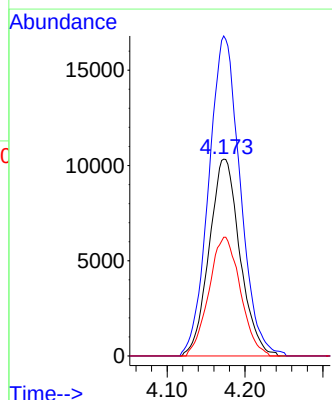
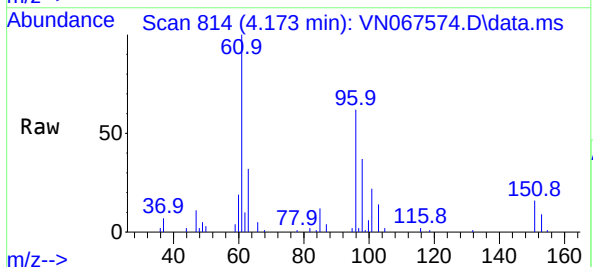
Tgt Ion: 59 Resp: 34270  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.7 13.1

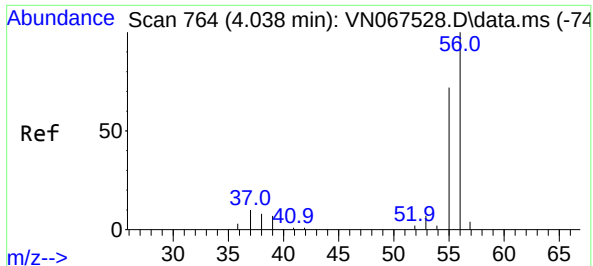


#12

1,1-Dichloroethene  
Concen: 17.374 ug/l  
RT: 4.173 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 96 Resp: 28338  
Ion Ratio Lower Upper  
96 100  
61 162.6 152.6 229.0  
98 60.3 50.9 76.3

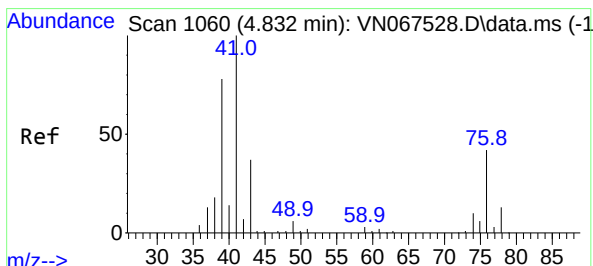
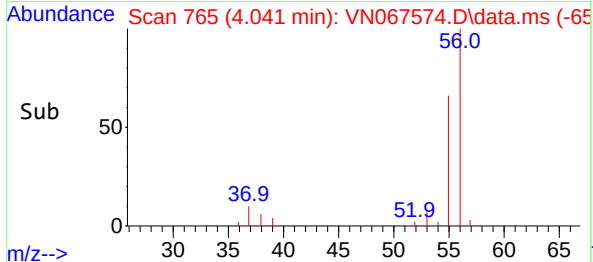
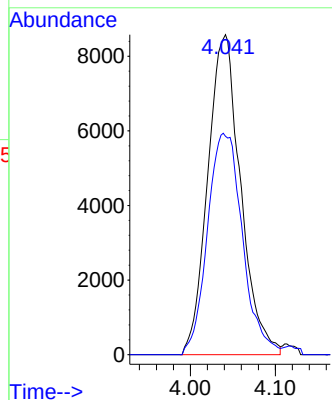
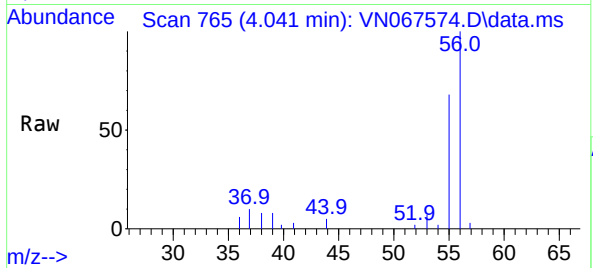




#13  
Acrolein  
Concen: 103.402 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. 0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

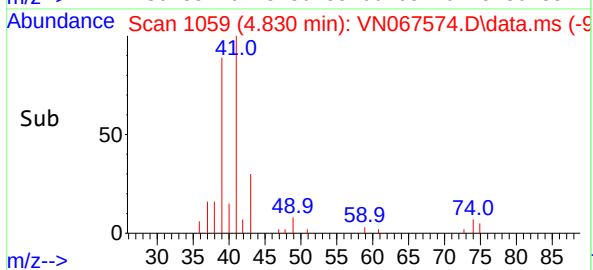
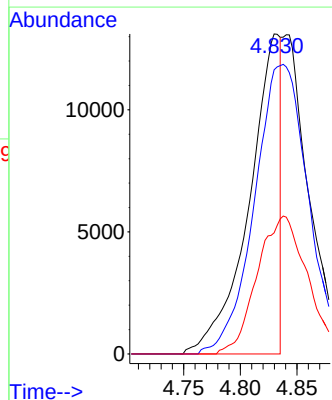
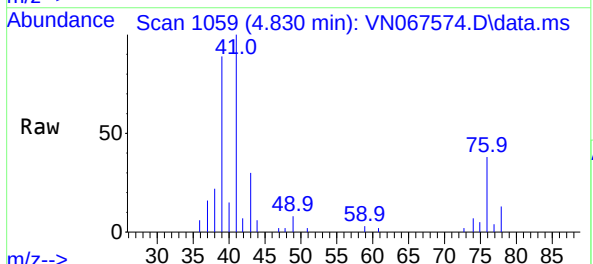
Instrument :  
MSVOA\_N  
ClientSampled :

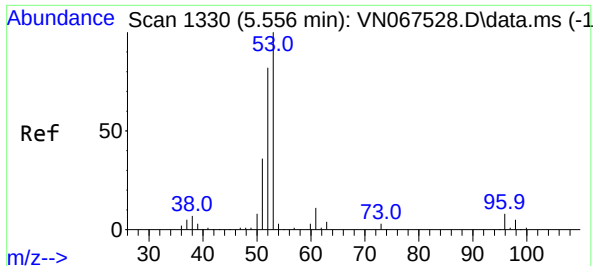
Tgt Ion: 56 Resp: 23089  
Ion Ratio Lower Upper  
56 100  
55 73.6 57.4 86.0



#14  
Allyl chloride  
Concen: 9.400 ug/l  
RT: 4.830 min Scan# 1059  
Delta R.T. -0.002 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 41 Resp: 25063  
Ion Ratio Lower Upper  
41 100  
39 156.6 60.9 91.3#  
76 70.1 24.3 36.5#

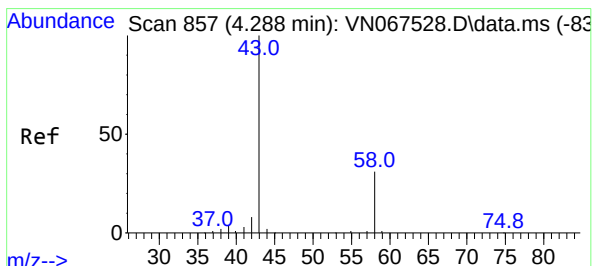
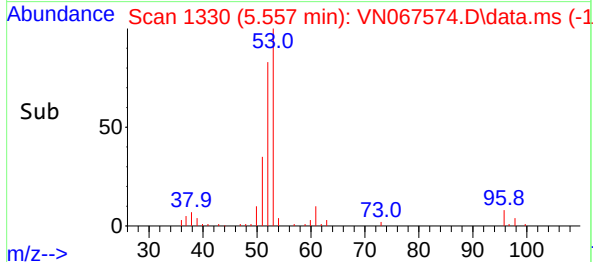
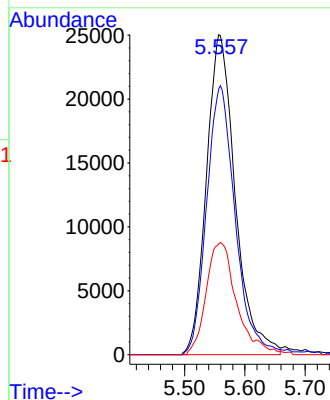
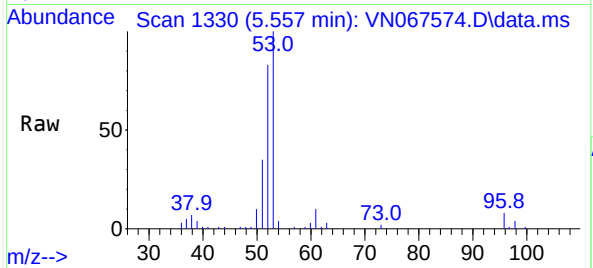




#15  
Acrylonitrile  
Concen: 94.144 ug/l  
RT: 5.557 min Scan# 1330  
Delta R.T. 0.001 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

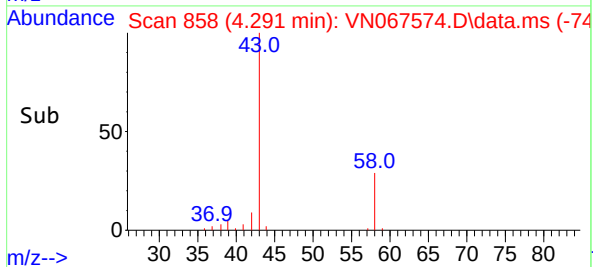
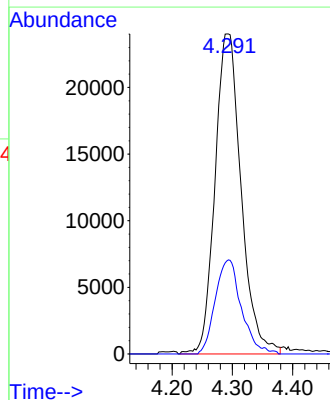
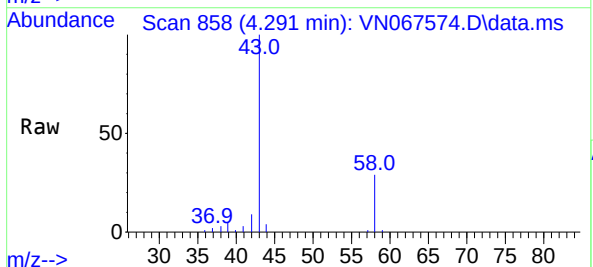
Instrument :  
MSVOA\_N  
ClientSampled :

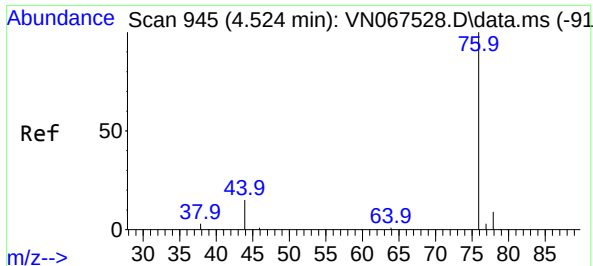
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 53 | Resp: | 83069       |
| Ion         | Ratio | Lower Upper |
| 53          | 100   |             |
| 52          | 83.4  | 66.2 99.2   |
| 51          | 35.1  | 30.2 45.4   |



#16  
Acetone  
Concen: 95.308 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 72300       |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 29.1  | 21.2 31.8   |

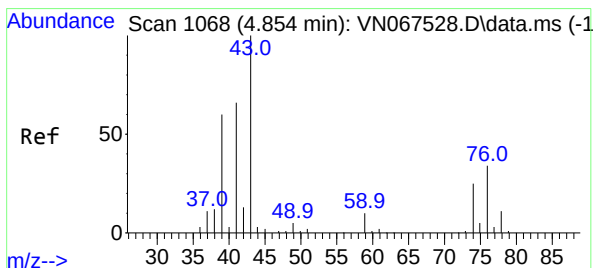
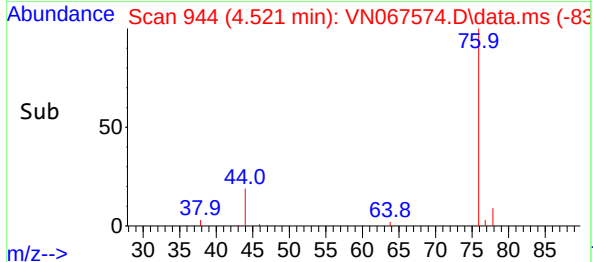
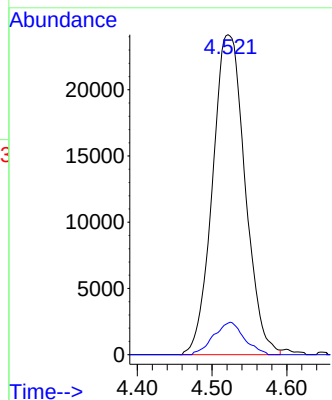
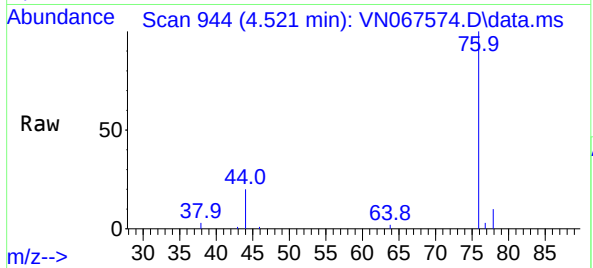




#17  
Carbon Disulfide  
Concen: 15.867 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. -0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

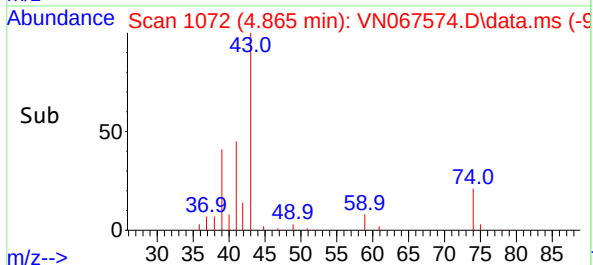
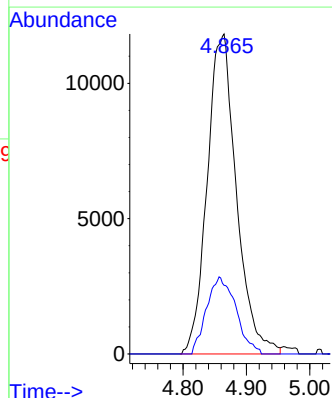
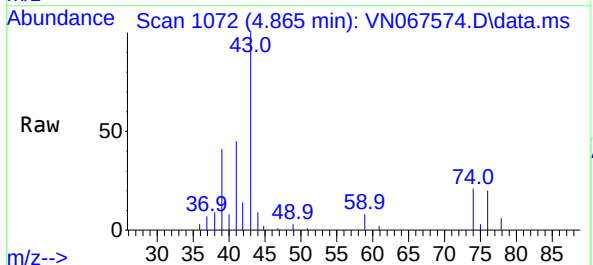
Instrument :  
MSVOA\_N  
ClientSampleId :

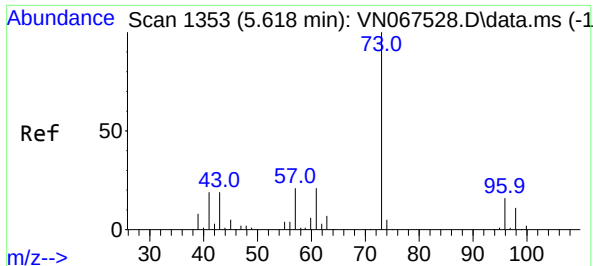
Tgt Ion: 76 Resp: 72966  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.7 11.5



#18  
Methyl Acetate  
Concen: 18.740 ug/l  
RT: 4.865 min Scan# 1072  
Delta R.T. 0.011 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 43 Resp: 37922  
Ion Ratio Lower Upper  
43 100  
74 24.1 17.4 26.0



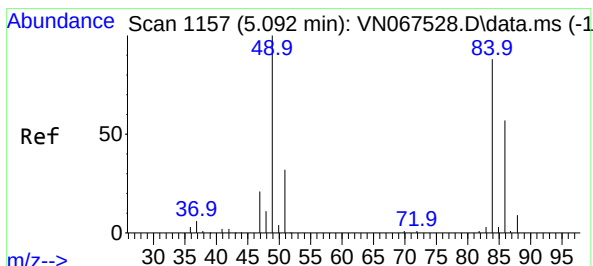
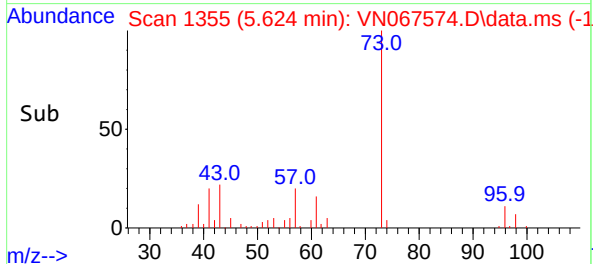
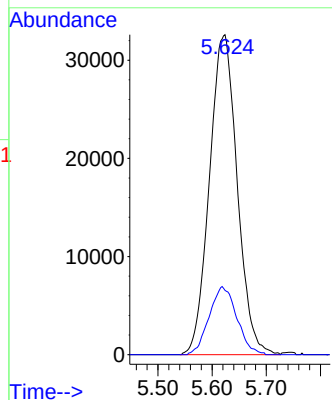
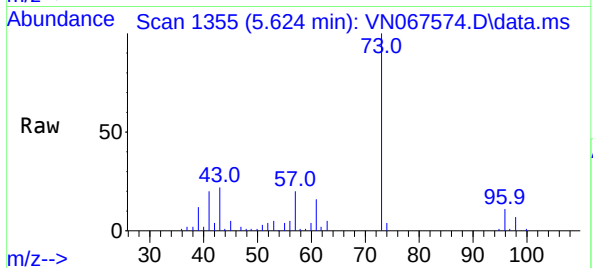


#19

Methyl tert-butyl Ether  
Concen: 18.583 ug/l  
RT: 5.624 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

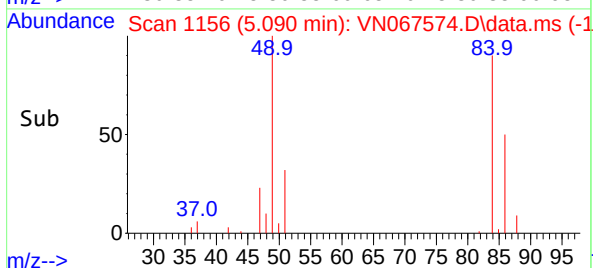
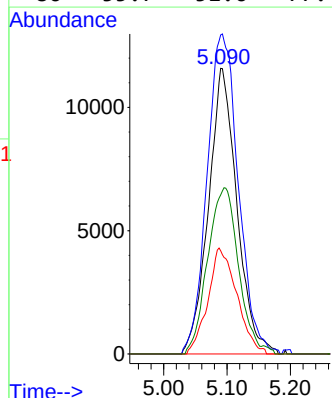
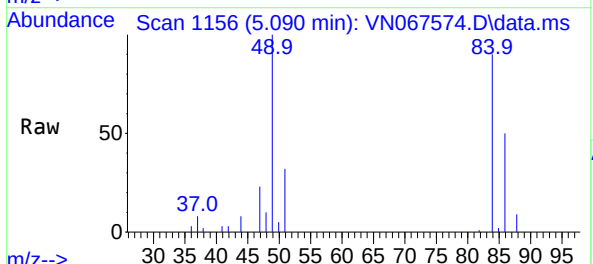
Tgt Ion: 73 Resp: 116224  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.0 25.6

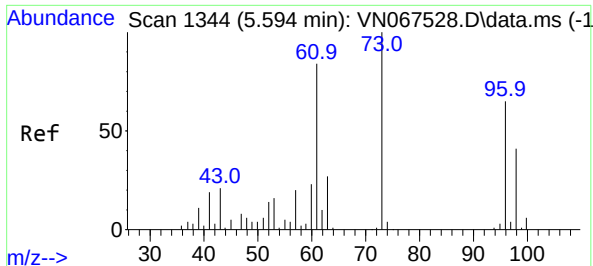


#20

Methylene Chloride  
Concen: 18.037 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.002 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 84 Resp: 36162  
Ion Ratio Lower Upper  
84 100  
49 111.7 110.9 166.3  
51 36.1 32.6 49.0  
86 55.7 51.6 77.4

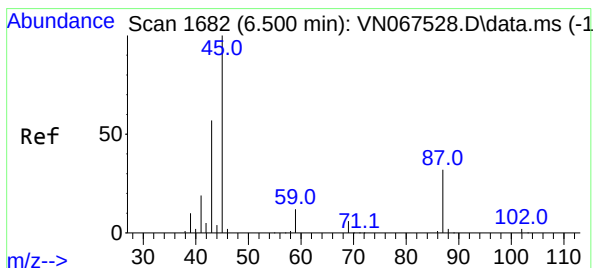
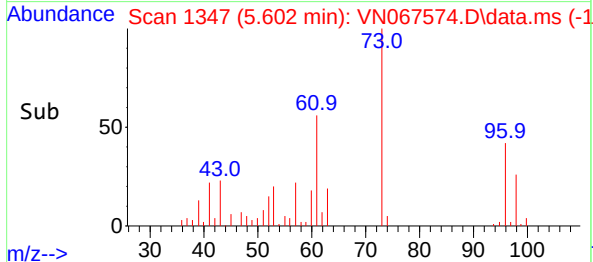
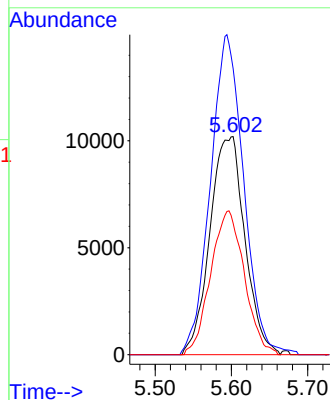
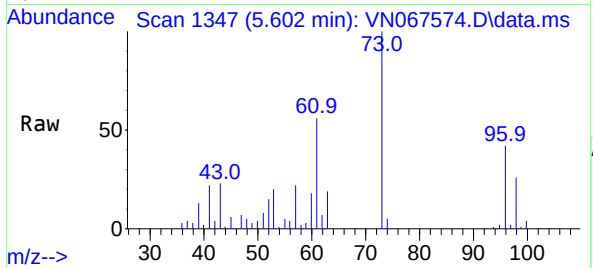




#21  
trans-1,2-Dichloroethene  
Concen: 17.586 ug/l  
RT: 5.602 min Scan# 1347  
Delta R.T. 0.008 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

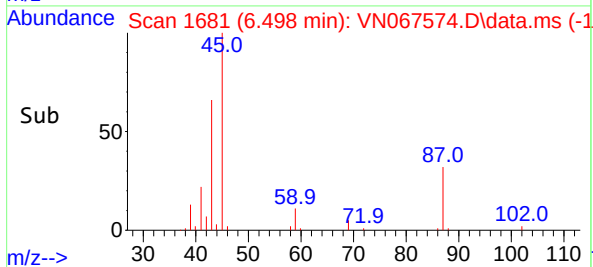
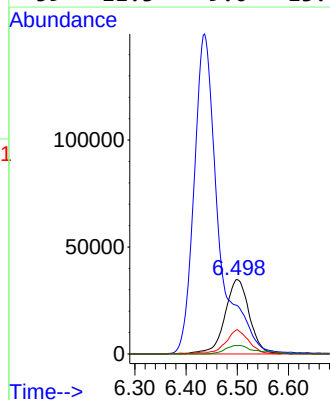
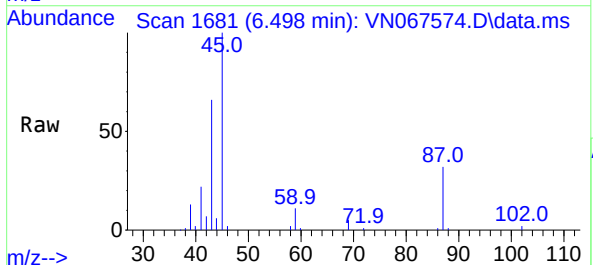
Instrument :  
MSVOA\_N  
ClientSampled :

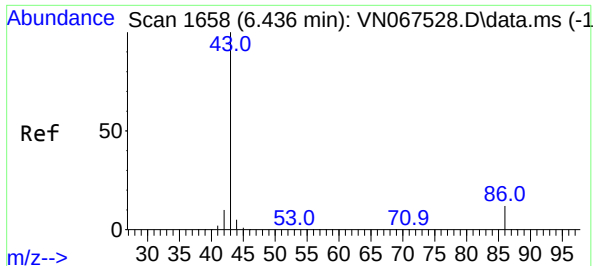
Tgt Ion: 96 Resp: 32530  
Ion Ratio Lower Upper  
96 100  
61 131.1 123.5 185.3  
98 60.2 48.6 72.8



#22  
Diisopropyl ether  
Concen: 19.887 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.002 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 45 Resp: 115146  
Ion Ratio Lower Upper  
45 100  
43 62.9 49.4 74.2  
87 32.4 20.9 31.3#  
59 11.3 9.0 13.4

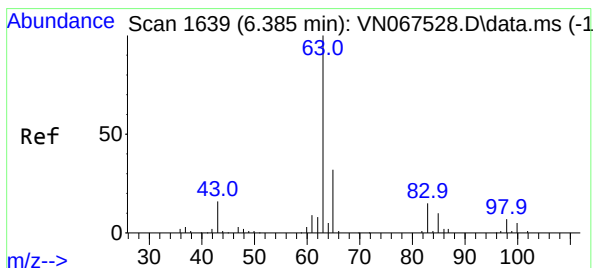
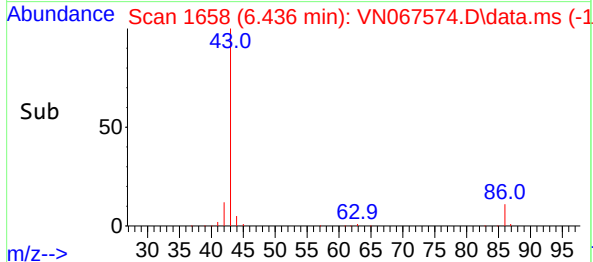
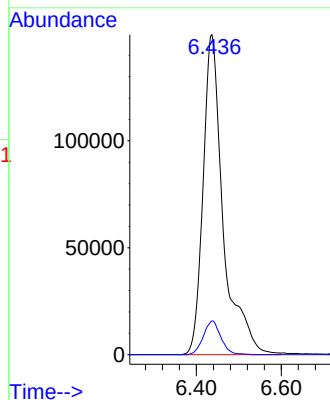
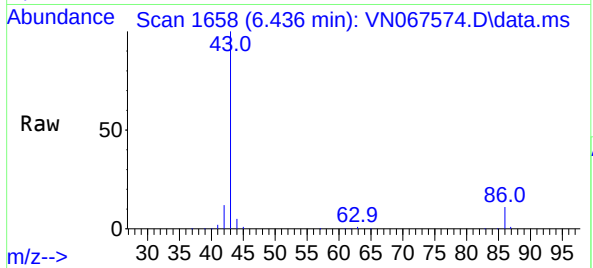




#23  
 Vinyl Acetate  
 Concen: 101.560 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN067574.D  
 Acq: 30 Jun 2021 16:03

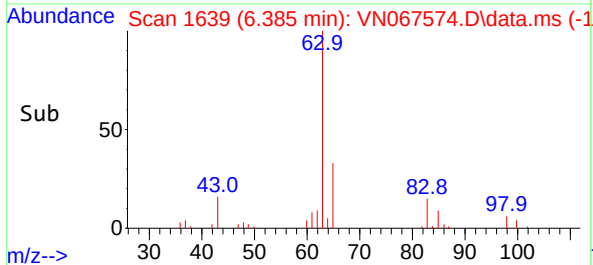
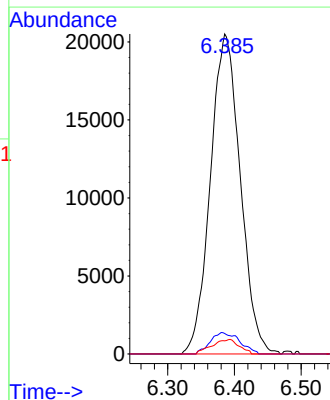
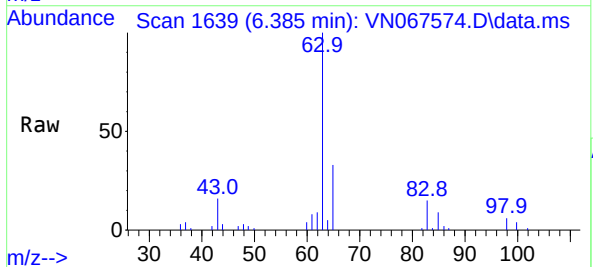
Instrument :  
 MSVOA\_N  
 ClientSampled :

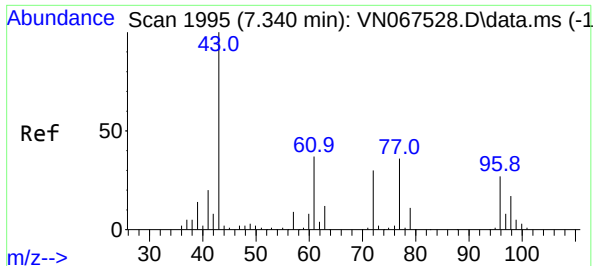
Tgt Ion: 43 Resp: 492957  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 18.878 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VN067574.D  
 Acq: 30 Jun 2021 16:03

Tgt Ion: 63 Resp: 63785  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.0 9.0  
 100 4.1 1.9 5.7

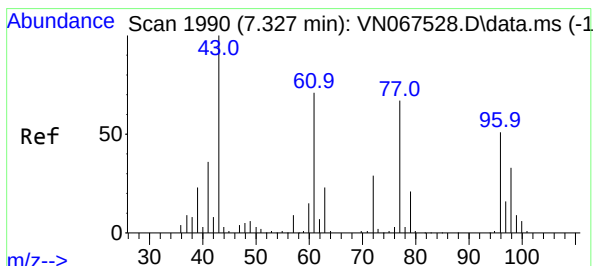
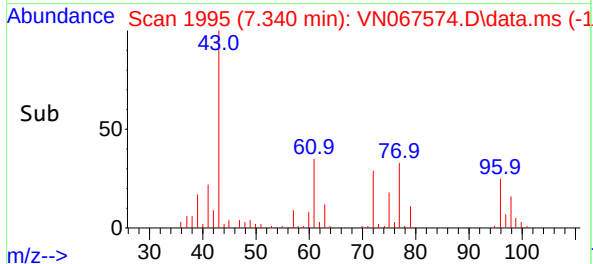
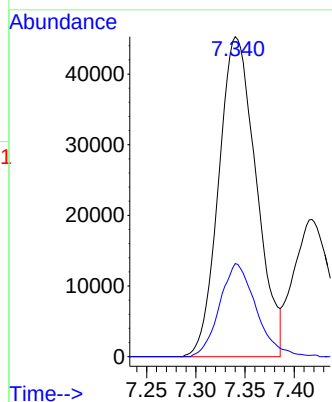
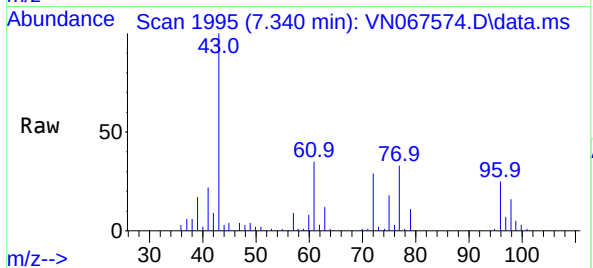




#25  
2-Butanone  
Concen: 102.551 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. 0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

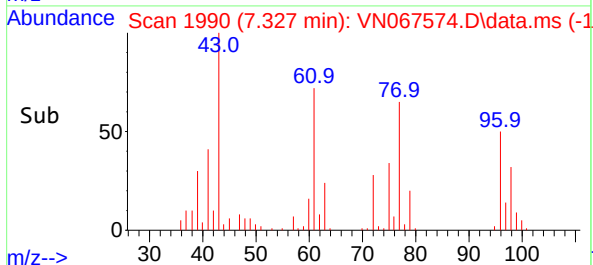
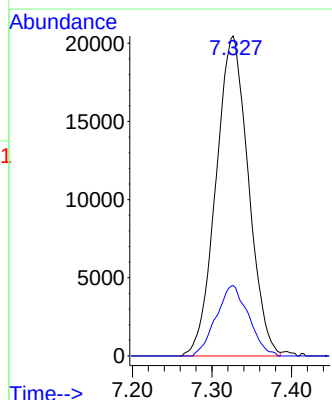
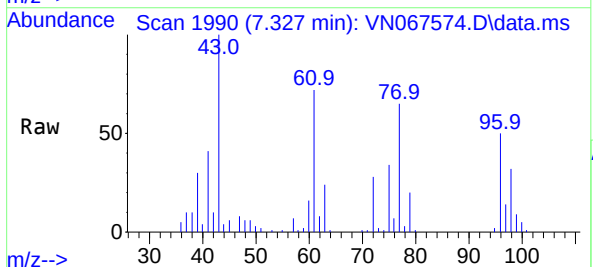
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 43 Resp: 119972  
Ion Ratio Lower Upper  
43 100  
72 29.1 19.7 29.5

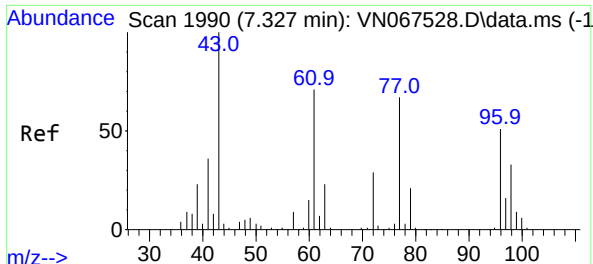


#26  
2,2-Dichloropropane  
Concen: 18.494 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 77 Resp: 57914  
Ion Ratio Lower Upper  
77 100  
97 22.0 9.8 29.3



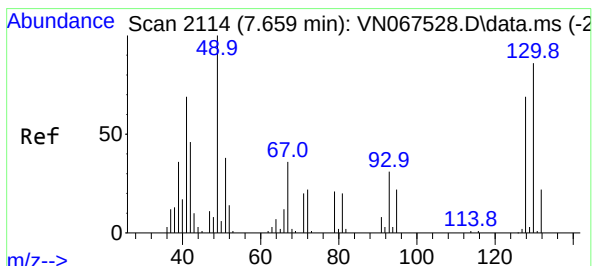
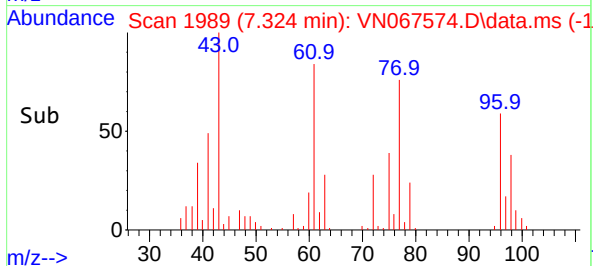
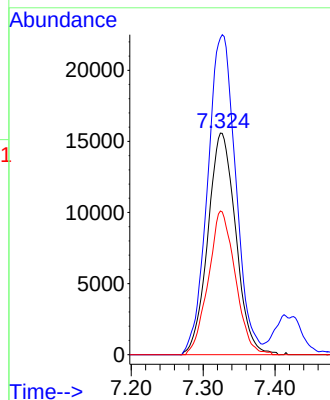
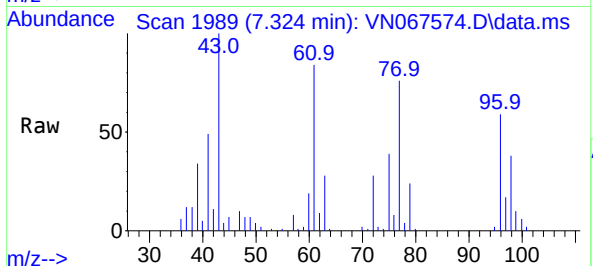




#27  
cis-1,2-Dichloroethene  
Concen: 18.751 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

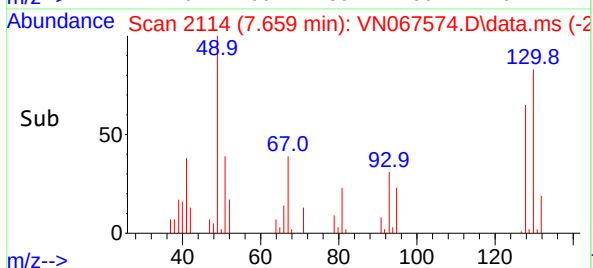
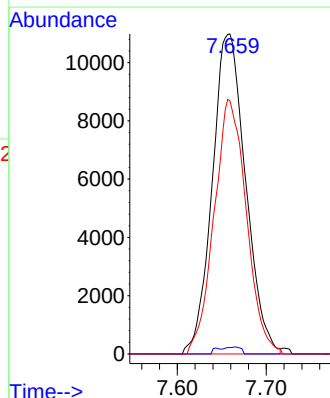
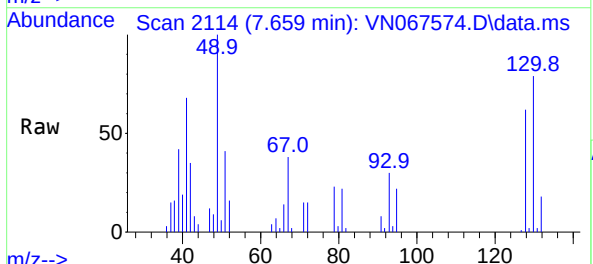
Instrument :  
MSVOA\_N  
ClientSampleId :

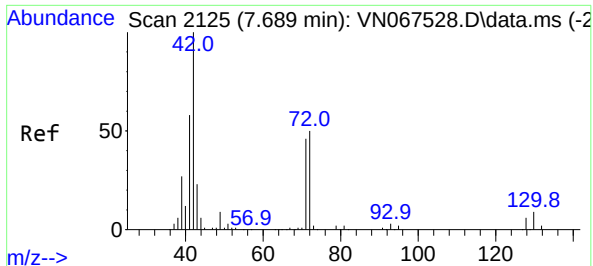
Tgt Ion: 96 Resp: 41959  
Ion Ratio Lower Upper  
96 100  
61 146.0 0.0 338.8  
98 62.8 0.0 129.8



#28  
Bromochloromethane  
Concen: 18.082 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 49 Resp: 28590  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 3.8  
130 76.9 49.7 74.5#

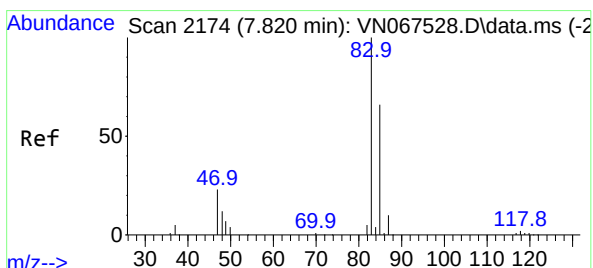
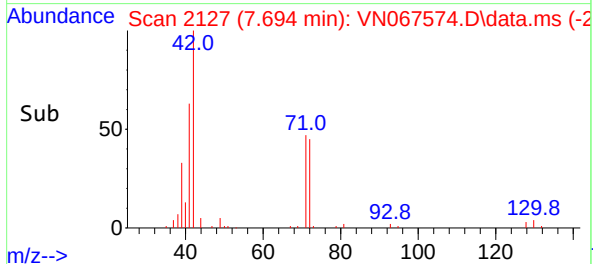
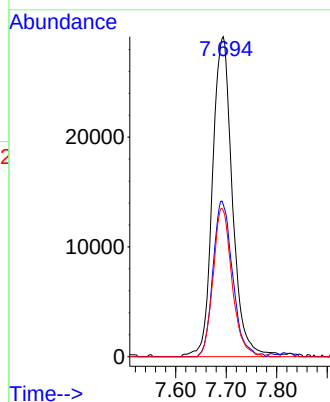
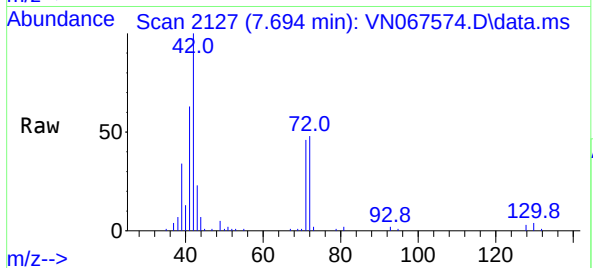




#29  
Tetrahydrofuran  
Concen: 102.434 ug/l  
RT: 7.694 min Scan# 2127  
Delta R.T. 0.005 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

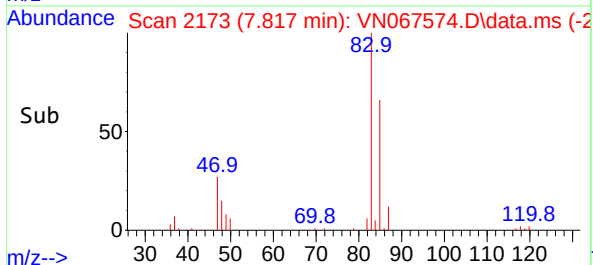
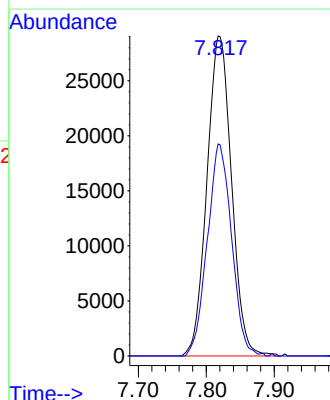
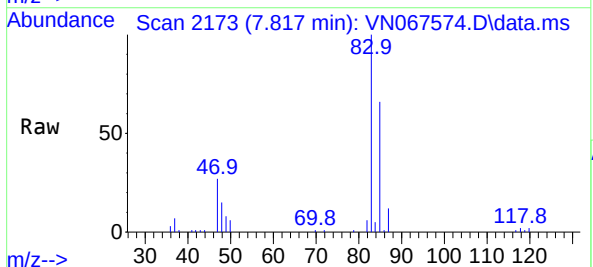
Instrument :  
MSVOA\_N  
ClientSampled :

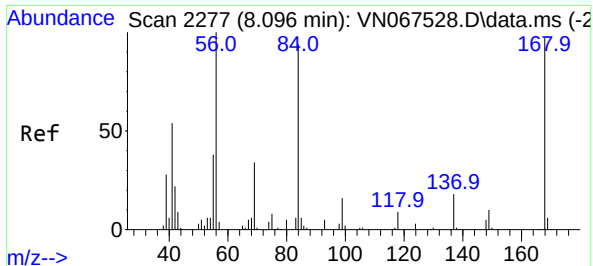
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 79796 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 47.7  | 32.8  | 49.2  |
| 71       | 44.0  | 31.2  | 46.8  |



#30  
Chloroform  
Concen: 19.672 ug/l  
RT: 7.817 min Scan# 2173  
Delta R.T. -0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 73122 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.3  | 51.5  | 77.3  |

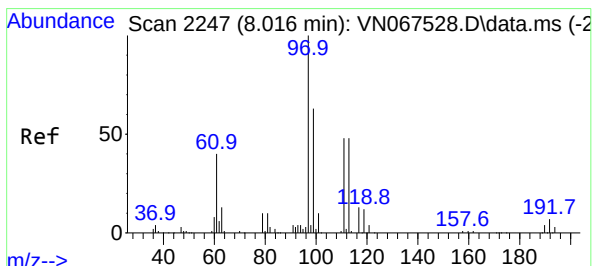
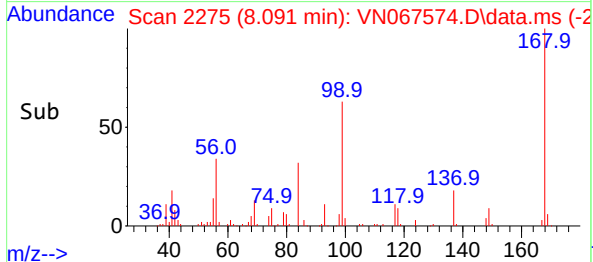
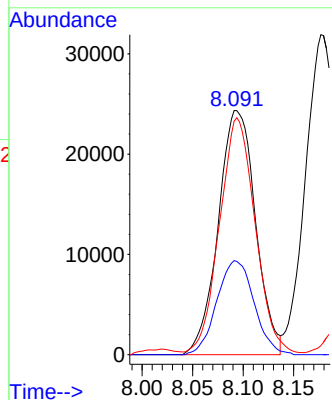
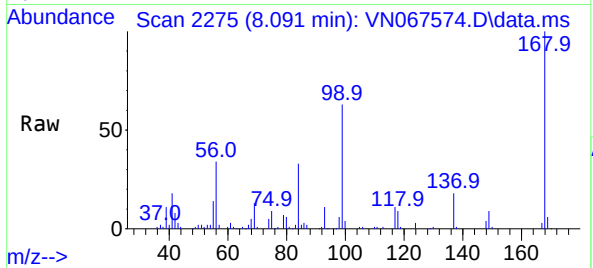




#31  
Cyclohexane  
Concen: 18.965 ug/l  
RT: 8.091 min Scan# 2275  
Delta R.T. -0.005 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

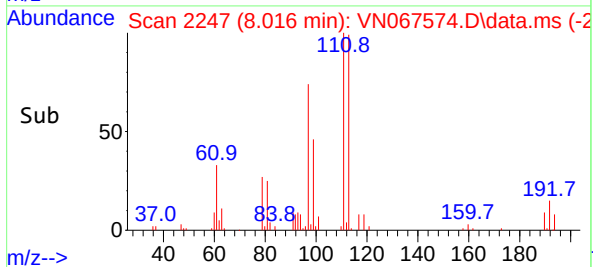
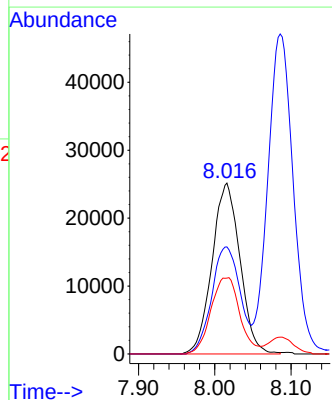
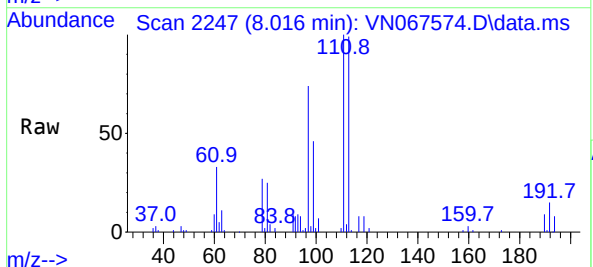
Instrument :  
MSVOA\_N  
ClientSampled :

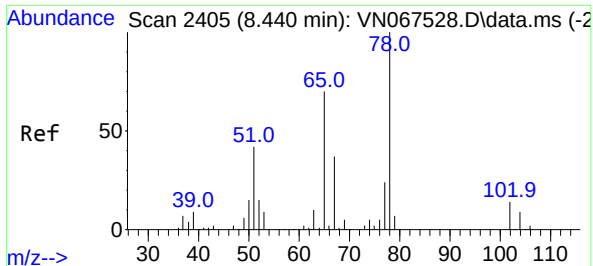
Tgt Ion: 56 Resp: 62477  
Ion Ratio Lower Upper  
56 100  
69 38.5 27.3 40.9  
84 94.5 64.9 97.3



#32  
1,1,1-Trichloroethane  
Concen: 18.944 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 97 Resp: 63937  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.2 75.2  
61 46.6 38.2 57.2



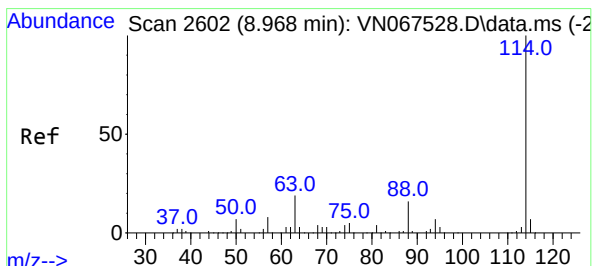
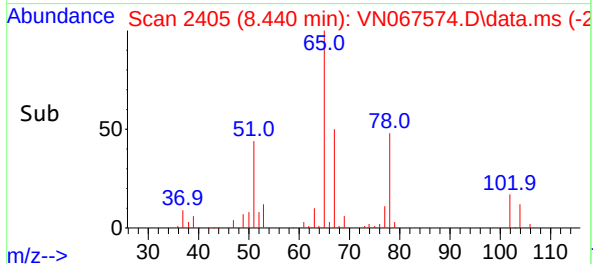
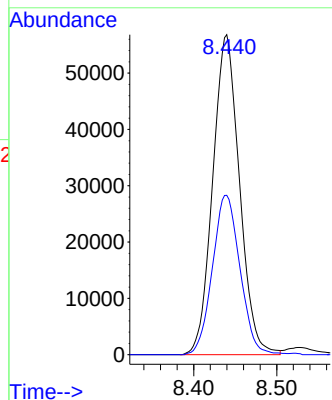
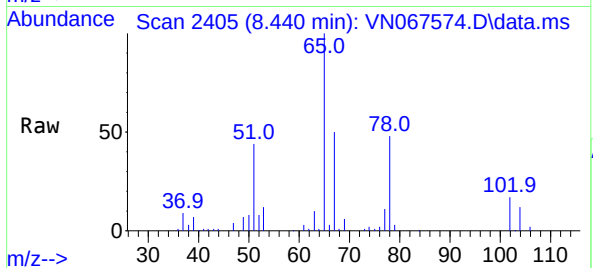


#33

1,2-Dichloroethane-d4  
Concen: 55.292 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

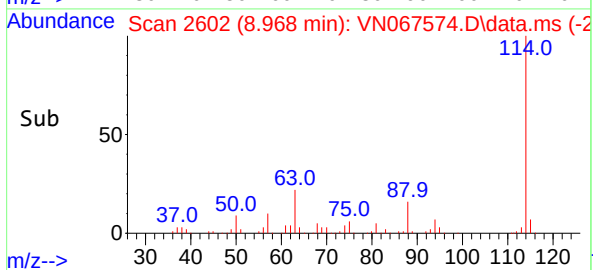
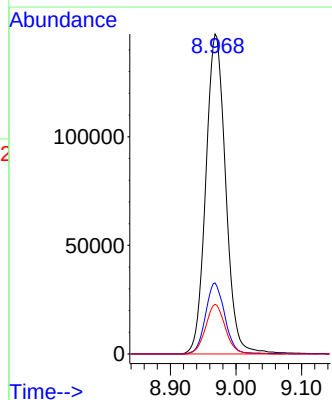
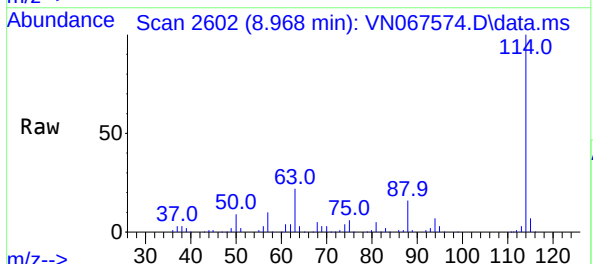
Tgt Ion: 65 Resp: 127164  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 98.6

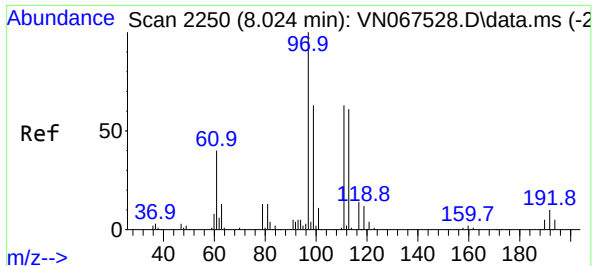


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 114 Resp: 309400  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 49.0  
88 15.5 0.0 36.6



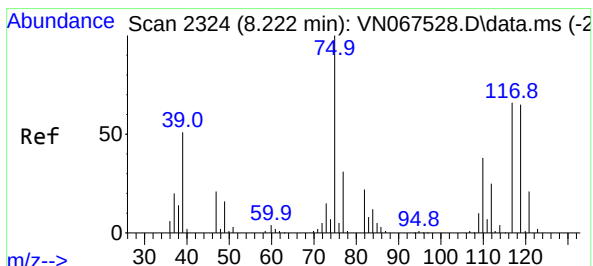
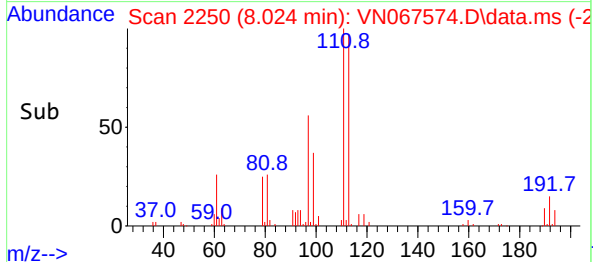
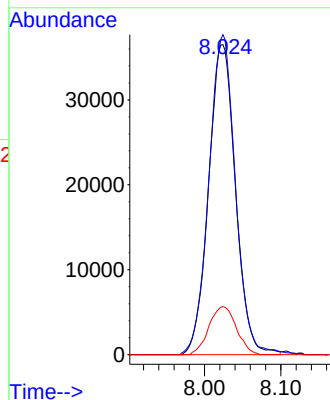
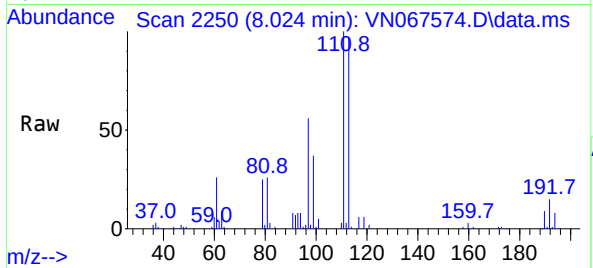


#35  
Dibromofluoromethane  
Concen: 46.572 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:113 Resp: 89338

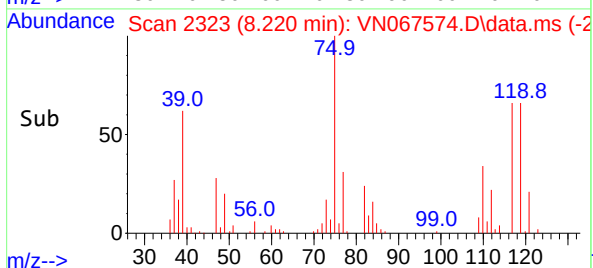
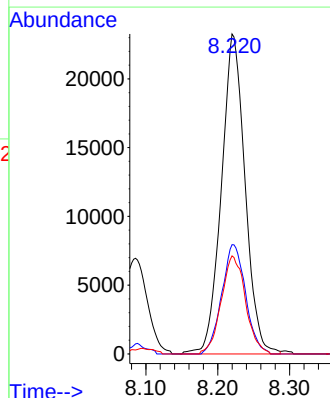
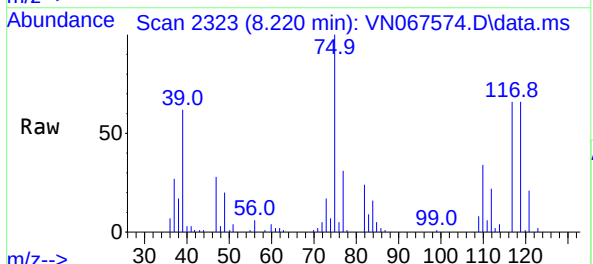
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.5 | 83.8  | 125.8 |
| 192 | 15.9  | 13.4  | 20.0  |

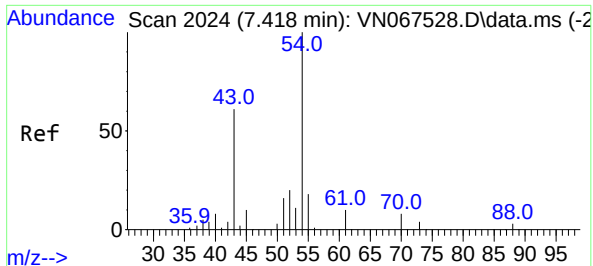


#36  
1,1-Dichloropropene  
Concen: 19.017 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.002 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 75 Resp: 53118

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.5  | 15.7  | 47.0  |
| 77  | 31.3  | 24.6  | 37.0  |



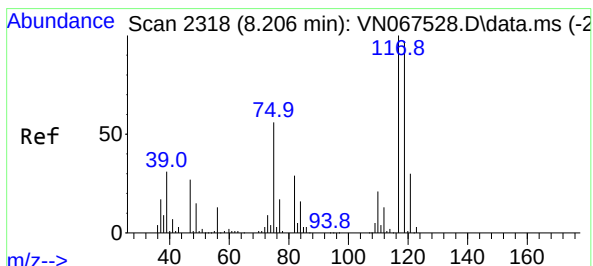
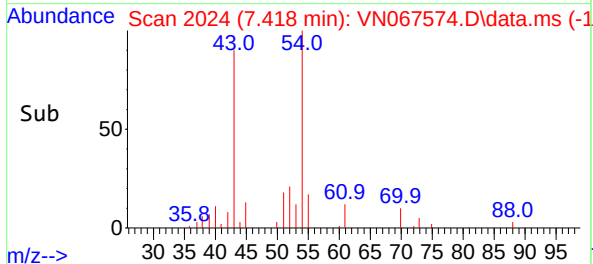
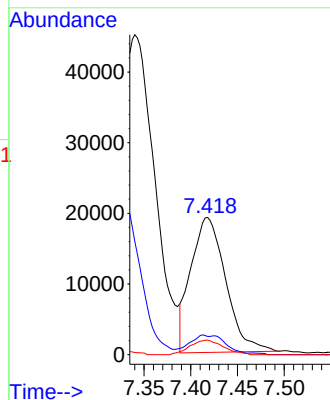
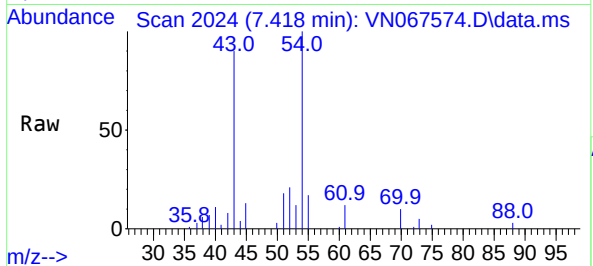


#37  
Ethyl Acetate  
Concen: 19.395 ug/l  
RT: 7.418 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 43 Resp: 49745

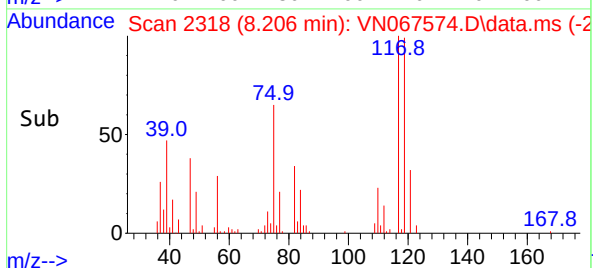
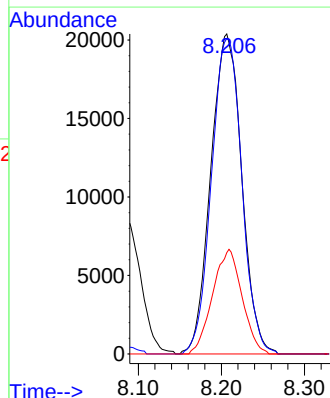
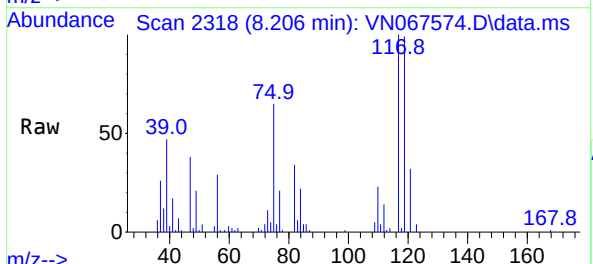
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 5.0   | 10.6  | 16.0# |
| 70  | 10.3  | 8.1   | 12.1  |

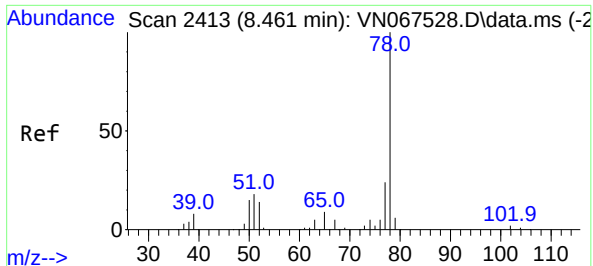


#38  
Carbon Tetrachloride  
Concen: 17.630 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 117 Resp: 52751

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 98.6  | 75.4  | 113.2 |
| 121 | 31.7  | 23.5  | 35.3  |

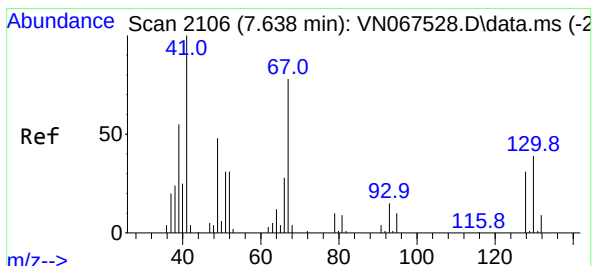
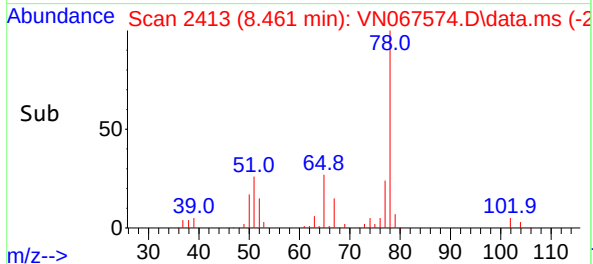
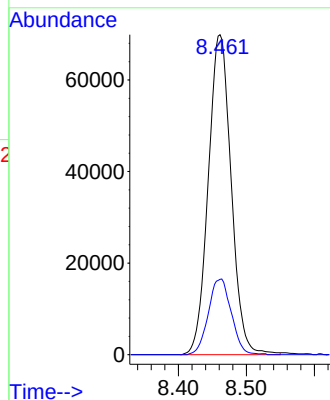
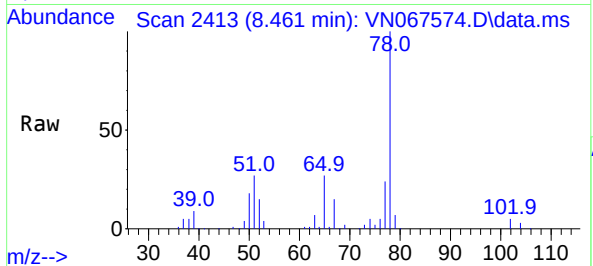




#40  
Benzene  
Concen: 19.348 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

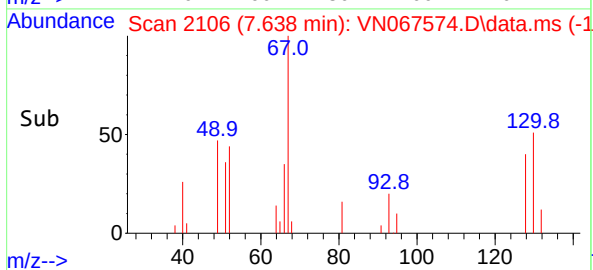
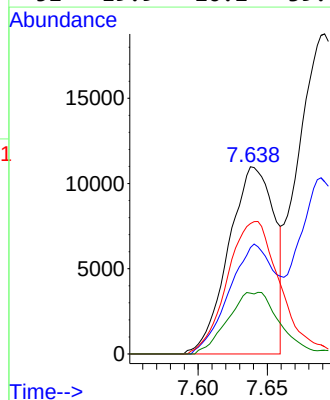
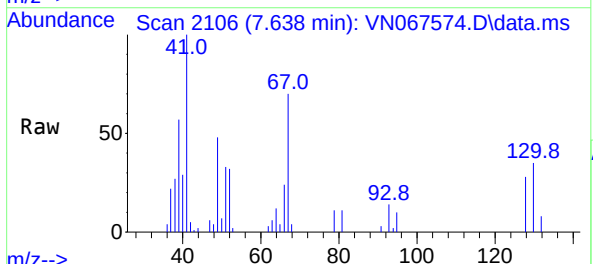
Instrument :  
MSVOA\_N  
ClientSampled :

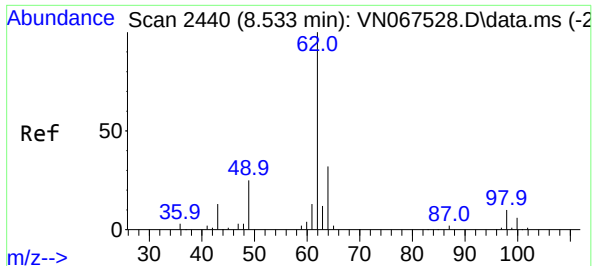
Tgt Ion: 78 Resp: 163634  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.9 28.3



#41  
Methacrylonitrile  
Concen: 19.714 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 41 Resp: 25206  
Ion Ratio Lower Upper  
41 100  
39 61.0 47.6 71.4  
67 81.6 57.7 86.5  
52 19.9 26.2 39.4#



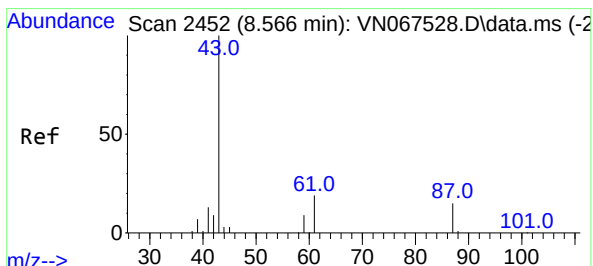
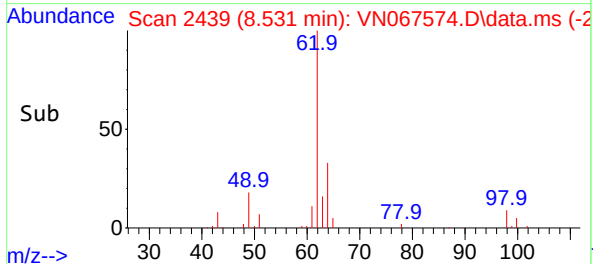
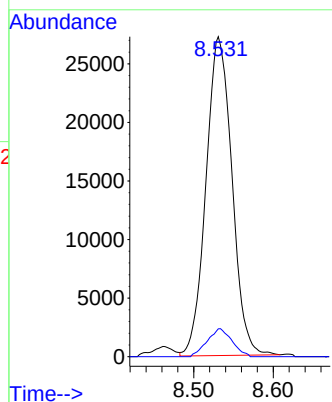
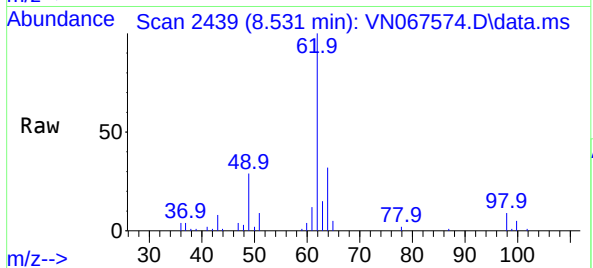


#42

1,2-Dichloroethane  
Concen: 21.181 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.002 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampled :

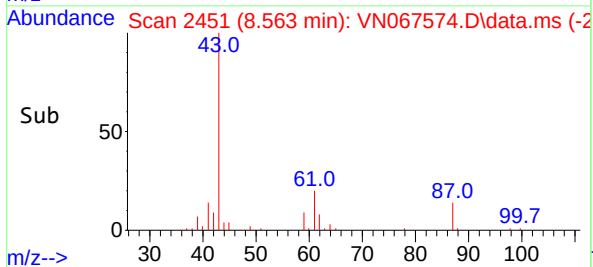
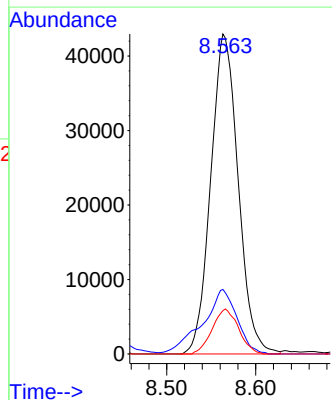
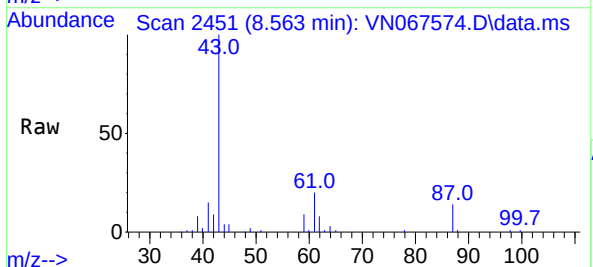
Tgt Ion: 62 Resp: 61831  
Ion Ratio Lower Upper  
62 100  
98 8.4 0.0 14.2



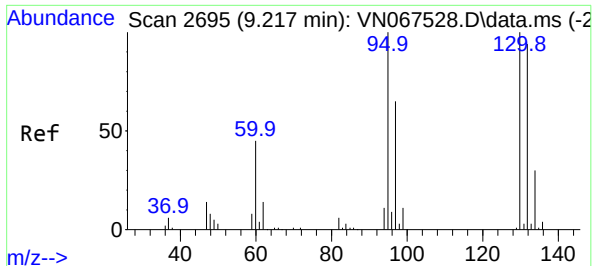
#43

Isopropyl Acetate  
Concen: 20.991 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. -0.003 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 43 Resp: 91971  
Ion Ratio Lower Upper  
43 100  
61 25.5 19.0 28.4  
87 13.6 9.5 14.3



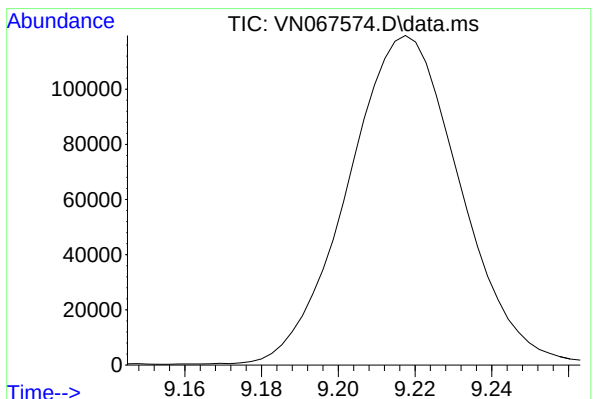
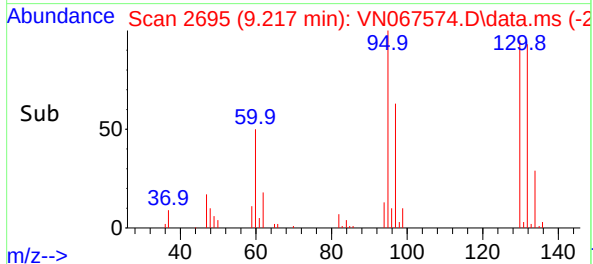
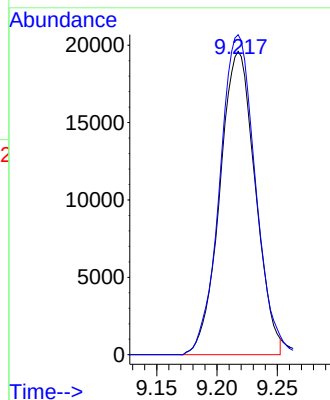
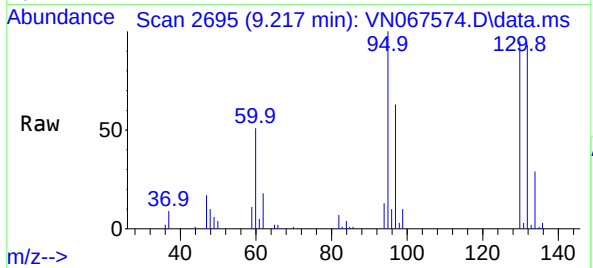




#44  
Trichloroethene  
Concen: 18.143 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Instrument :  
MSVOA\_N  
ClientSampleId :

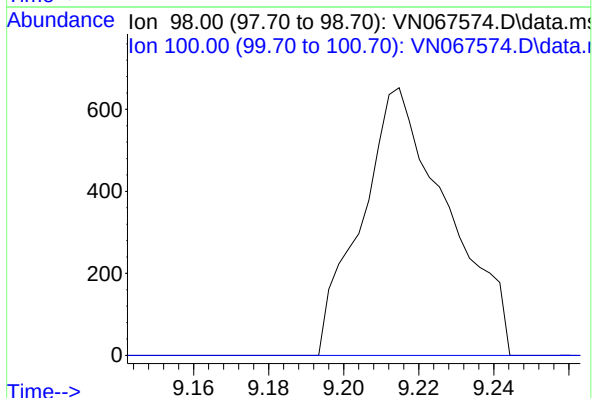
Tgt Ion:130 Resp: 39963  
Ion Ratio Lower Upper  
130 100  
95 105.5 0.0 234.4

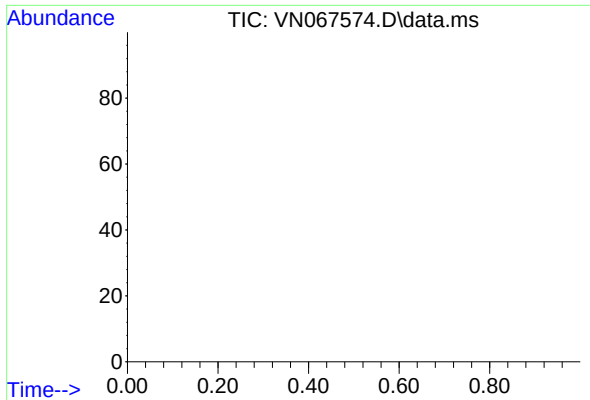


#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.44 min

Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 64.6



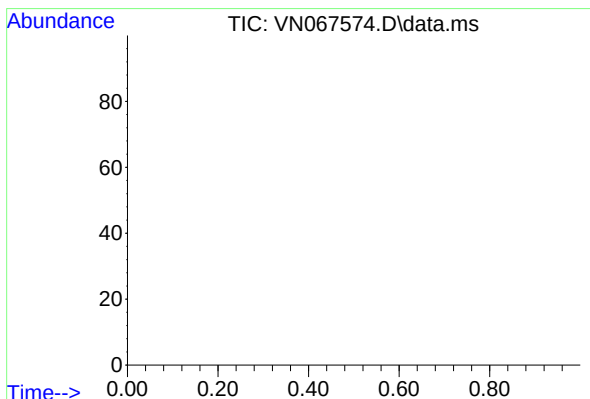
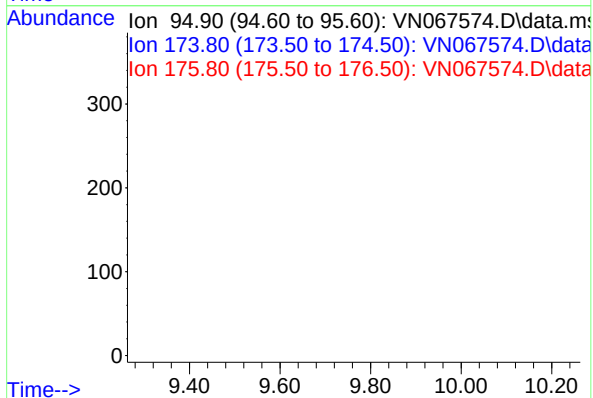


#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.73 min

Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 61.0  
176 58.8

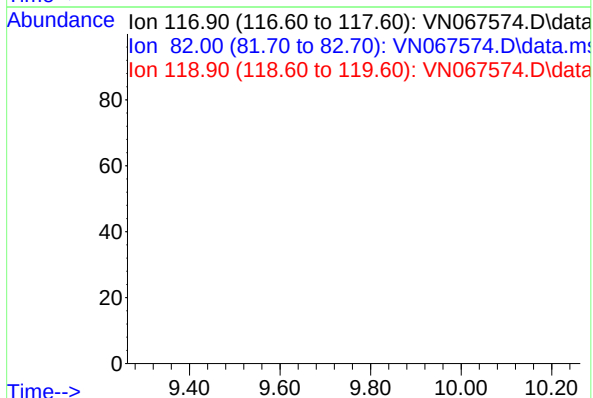
Instrument :  
MSVOA\_N  
ClientSampleId :

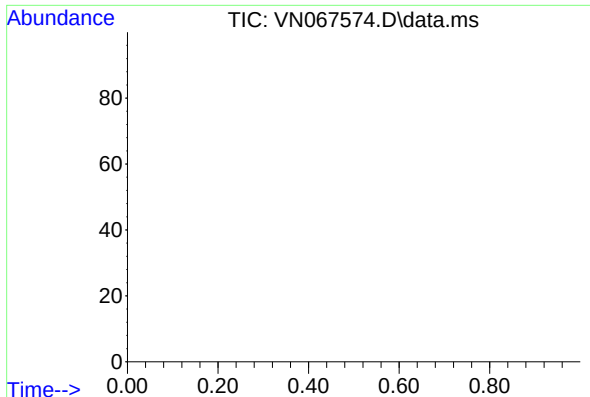


#63  
Chlorobenzene-d5  
Concen: 0.000 ug/l  
Expected RT: 11.75 min

Lab File: VN067574.D  
Acq: 30 Jun 2021 16:03

Tgt Ion: 117  
Sig Exp Ratio  
117 100  
82 66.4  
119 31.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 13.68 min

Lab File: VN067574.D  
 Acq: 30 Jun 2021 16:03

Tgt Ion: 152

| Sig | Exp Ratio |
|-----|-----------|
| 152 | 100       |
| 115 | 72.3      |
| 150 | 175.9     |

Instrument :  
 MSVOA\_N  
 ClientSampleId :

