

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112922\  
 Data File : VN075487.D  
 Acq On : 29 Nov 2022 19:37  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 30 02:31:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 151105   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 245183   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 225138   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 114857   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 36786    | 45.353   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 90.700% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 46737    | 48.525   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.040% |
| 50) Toluene-d8              | 10.565 | 98    | 102225   | 47.123   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 94.240% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 76420    | 47.727   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.460% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 49684  | 43.000  | ug/l   | 98  |
| 3) Chloromethane             | 2.371 | 50  | 58816  | 40.909  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.524 | 62  | 80649  | 44.510  | ug/l   | 95  |
| 5) Bromomethane              | 2.936 | 94  | 71863  | 45.101  | ug/l   | 96  |
| 6) Chloroethane              | 3.112 | 64  | 63334  | 46.130  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 119778 | 46.273  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.971 | 74  | 43006  | 47.403  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 67172  | 47.006  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.595 | 142 | 108883 | 47.023  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.536 | 59  | 70106  | 205.894 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.348 | 96  | 64850  | 46.344  | ug/l   | 88  |
| 13) Acrolein                 | 4.189 | 56  | 94364  | 318.124 | ug/l   | 100 |
| 14) Allyl chloride           | 5.030 | 41  | 86667  | 47.882  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.730 | 53  | 186946 | 239.310 | ug/l   | 98  |
| 16) Acetone                  | 4.436 | 43  | 142416 | 188.240 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.724 | 76  | 143749 | 39.529  | ug/l   | 97  |
| 18) Methyl Acetate           | 5.036 | 43  | 98592  | 51.737  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 231582 | 46.718  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.289 | 84  | 76781  | 50.048  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 69551  | 43.613  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.683 | 45  | 194125 | 46.998  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.612 | 43  | 702483 | 213.776 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 124393 | 46.919  | ug/l   | 100 |
| 25) 2-Butanone               | 7.488 | 43  | 232153 | 219.787 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 108888 | 44.191  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 87903  | 48.748  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.818 | 49  | 55295  | 51.381  | ug/l   | 82  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 149210 | 232.237 | ug/l   | 97  |
| 30) Chloroform               | 7.971 | 83  | 145011 | 47.629  | ug/l   | 99  |
| 31) Cyclohexane              | 8.259 | 56  | 109011 | 42.301  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 131000 | 47.387  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 99278  | 47.266  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.565 | 43  | 88413  | 46.748  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 117712 | 51.016  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.600 | 83  | 127828 | 48.626  | ug/l   | 95  |
| 40) Benzene                  | 8.612 | 78  | 310713 | 48.316  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112922\  
 Data File : VN075487.D  
 Acq On : 29 Nov 2022 19:37  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Nov 30 02:31:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 46328    | 47.913  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 102558   | 47.618  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 176577   | 58.166  | ug/l   | 97       |
| 44) Trichloroethene           | 9.353  | 130  | 83895    | 47.677  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 74063    | 48.328  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 57775    | 49.842  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.888  | 83   | 111877   | 49.839  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 69822    | 49.741  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 37425    | 938.930 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 485508   | 251.099 | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 209933   | 50.658  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 116753   | 51.808  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 125303   | 51.194  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 83803    | 49.650  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 122266   | 53.639  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 135676   | 49.298  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 219110   | 266.528 | ug/l   | 95       |
| 59) 2-Hexanone                | 11.194 | 43   | 360458   | 248.267 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 94144    | 54.340  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 87984    | 50.222  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 74387    | 43.266  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.894 | 112  | 223341   | 48.036  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 86808    | 50.025  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 404990   | 51.056  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 327869   | 101.785 | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 161306   | 50.400  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 262076   | 51.908  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 71883    | 54.428  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 415777   | 49.548  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.494 | 43   | 133465   | 51.735  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 130297   | 50.930  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 156895   | 72.247  | ug/l   | 75       |
| 77) Bromobenzene              | 12.982 | 156  | 101195   | 48.847  | ug/l   | 85       |
| 78) n-propylbenzene           | 13.035 | 91   | 471369   | 50.334  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 283129   | 50.178  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 359837   | 51.614  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 43200    | 58.858  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.123 | 91   | 283129   | 50.178  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 320396   | 50.404  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 363570   | 51.990  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 446626   | 51.783  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 381079   | 52.515  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 194151   | 49.463  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 189064   | 47.417  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 304107   | 49.619  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 65578    | 52.385  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 191807   | 50.132  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 24508    | 50.571  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 95705    | 48.811  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 50811    | 49.751  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 305396   | 49.510  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 93207    | 48.367  | ug/l   | 96       |

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Data File : VN075487.D  
Acq On : 29 Nov 2022 19:37  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

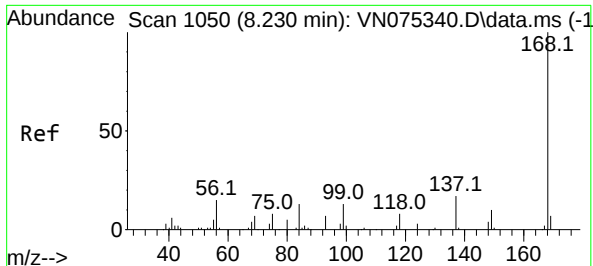
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Nov 30 02:31:36 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 23 00:18:03 2022  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

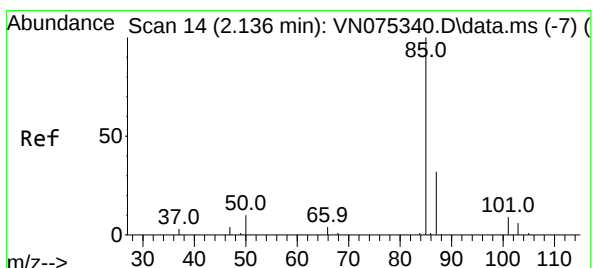
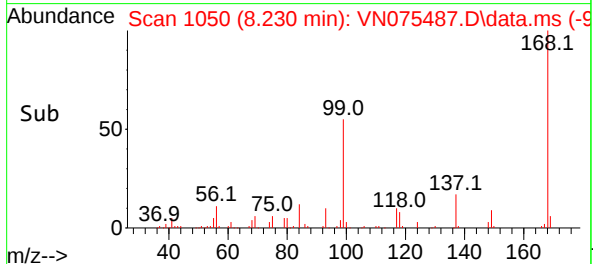
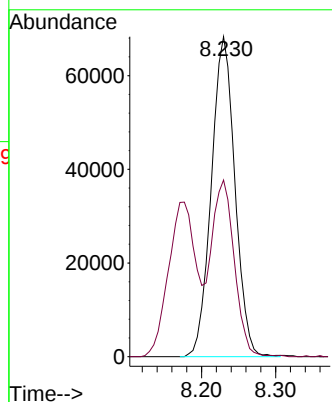
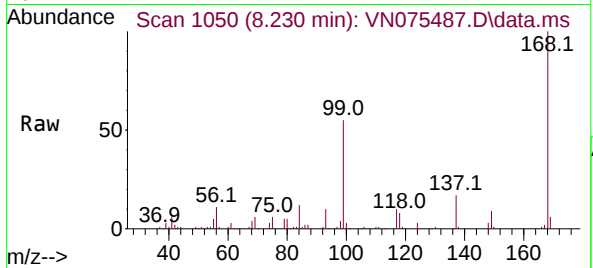




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

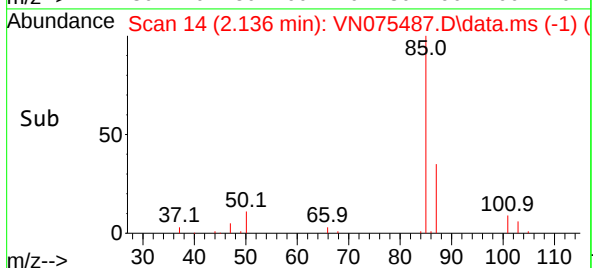
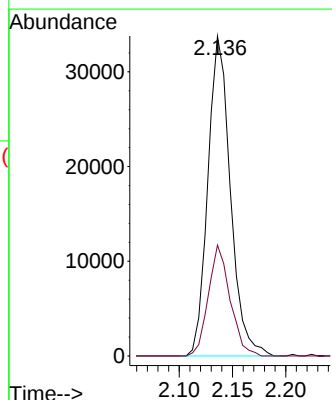
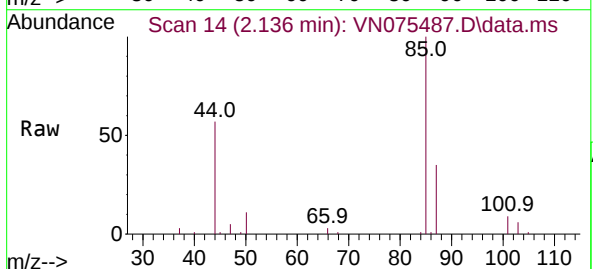
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

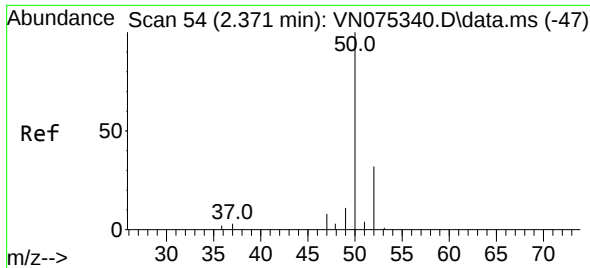
Tgt Ion:168 Resp: 151105  
Ion Ratio Lower Upper  
168 100  
99 54.8 51.6 77.4



#2  
Dichlorodifluoromethane  
Concen: 43.000 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 85 Resp: 49684  
Ion Ratio Lower Upper  
85 100  
87 34.7 16.7 50.0

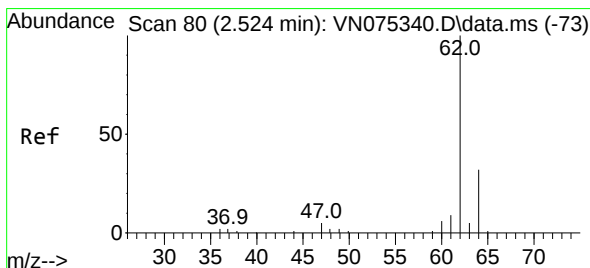
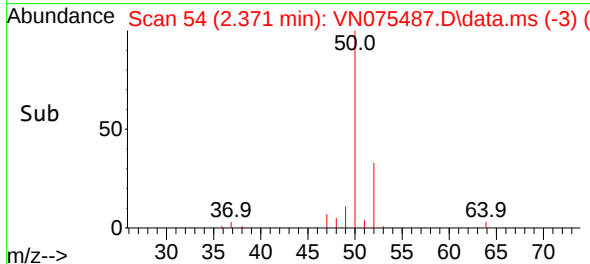
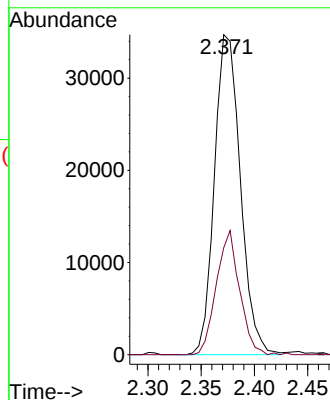
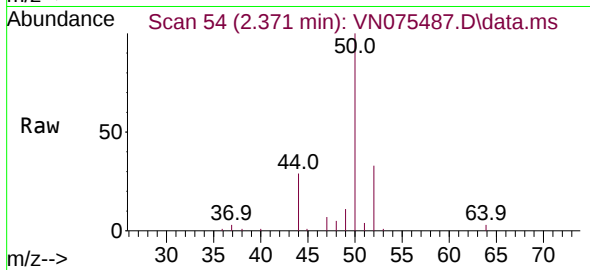




#3  
Chloromethane  
Concen: 40.909 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

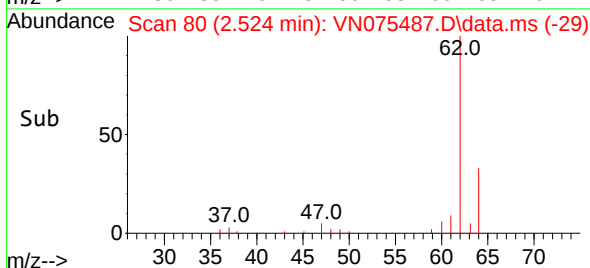
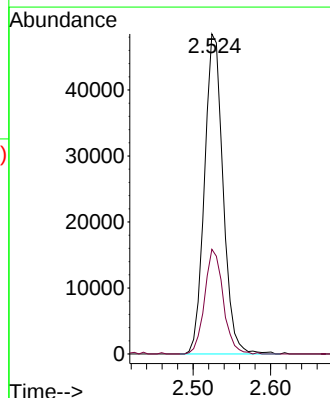
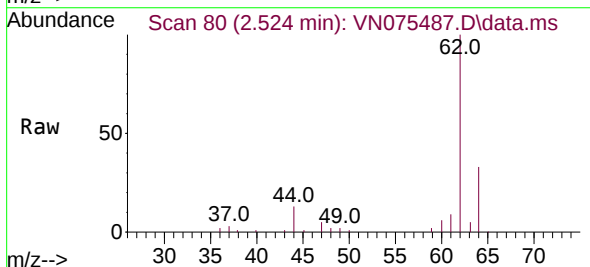
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

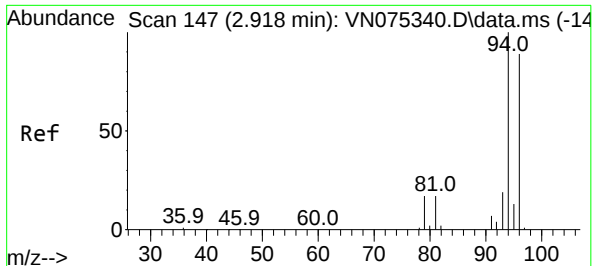
Tgt Ion: 50 Resp: 58816  
Ion Ratio Lower Upper  
50 100  
52 33.4 25.8 38.6



#4  
Vinyl Chloride  
Concen: 44.510 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 62 Resp: 80649  
Ion Ratio Lower Upper  
62 100  
64 32.7 24.0 36.0

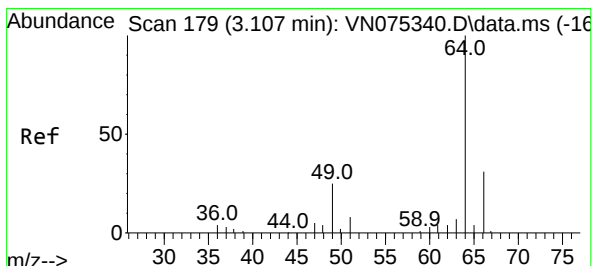
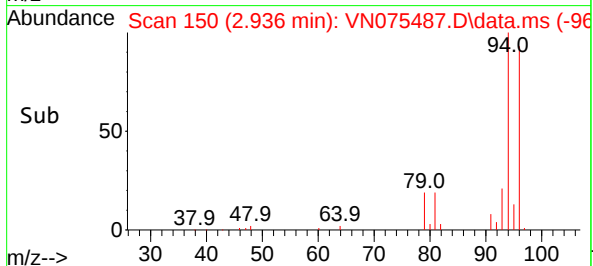
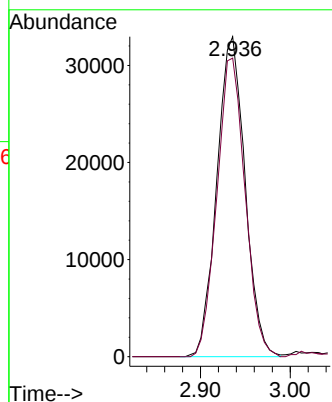
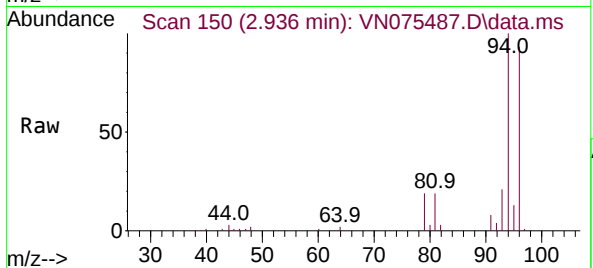




#5  
Bromomethane  
Concen: 45.101 ug/l  
RT: 2.936 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

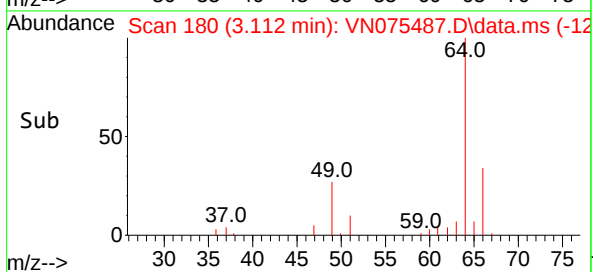
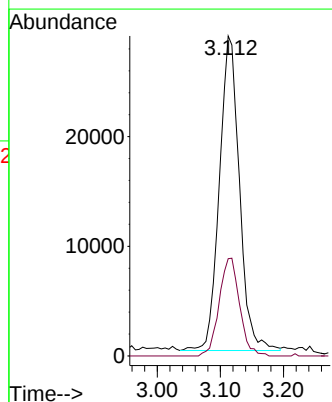
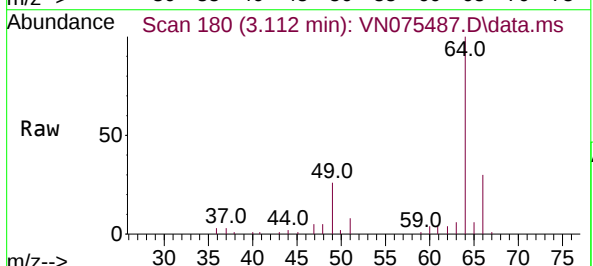
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

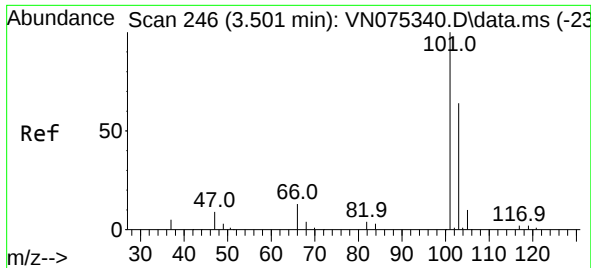
Tgt Ion: 94 Resp: 71863  
Ion Ratio Lower Upper  
94 100  
96 93.3 71.8 107.6



#6  
Chloroethane  
Concen: 46.130 ug/l  
RT: 3.112 min Scan# 180  
Delta R.T. 0.005 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 64 Resp: 63334  
Ion Ratio Lower Upper  
64 100  
66 30.9 23.8 35.8

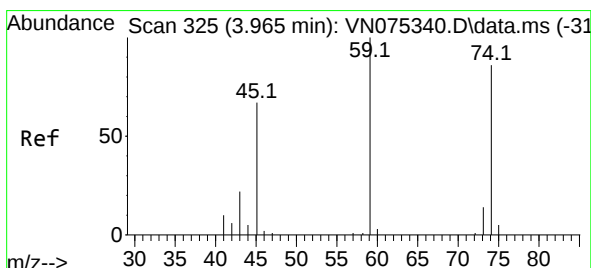
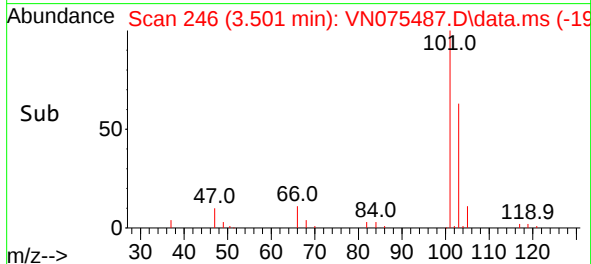
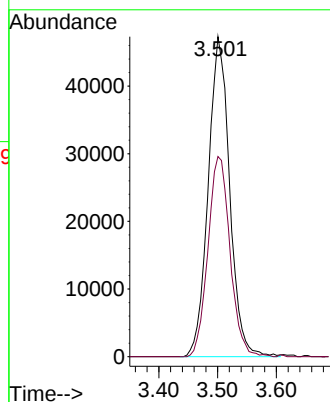
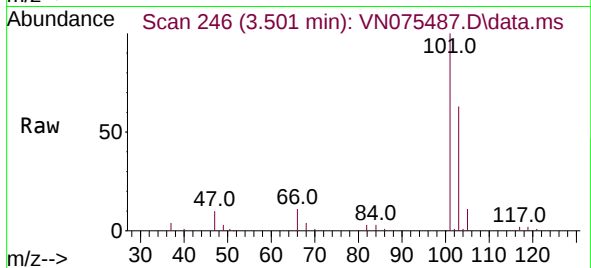




#7  
 Trichlorofluoromethane  
 Concen: 46.273 ug/l  
 RT: 3.501 min Scan# 246  
 Delta R.T. -0.000 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

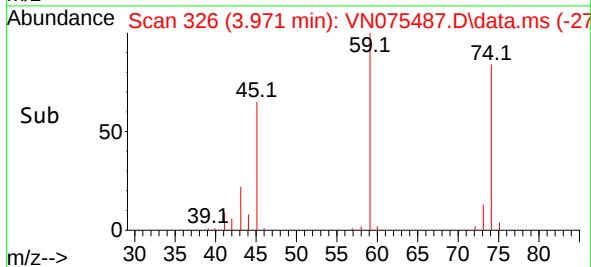
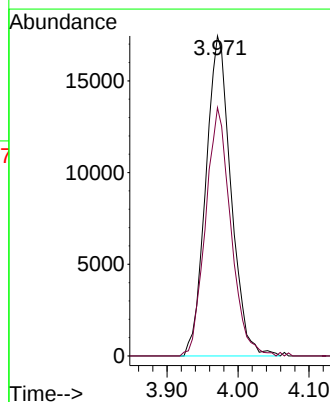
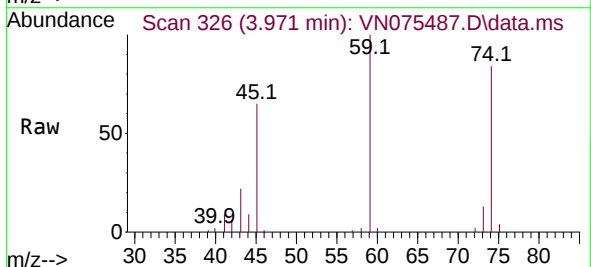
Instrument :  
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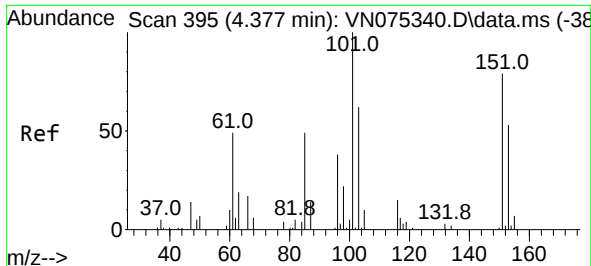
Tgt Ion:101 Resp: 119778  
 Ion Ratio Lower Upper  
 101 100  
 103 62.6 50.5 75.7



#8  
 Diethyl Ether  
 Concen: 47.403 ug/l  
 RT: 3.971 min Scan# 326  
 Delta R.T. 0.006 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

Tgt Ion: 74 Resp: 43006  
 Ion Ratio Lower Upper  
 74 100  
 45 77.7 39.3 117.9

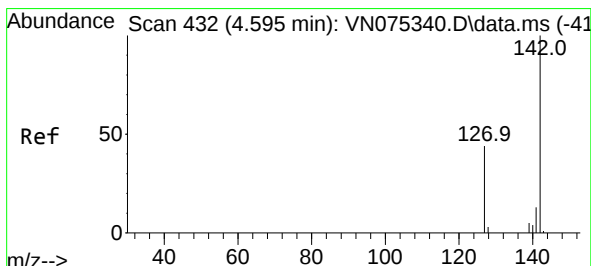
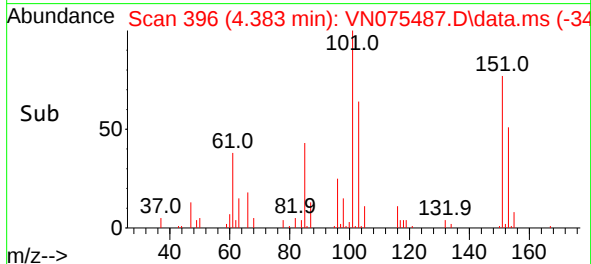
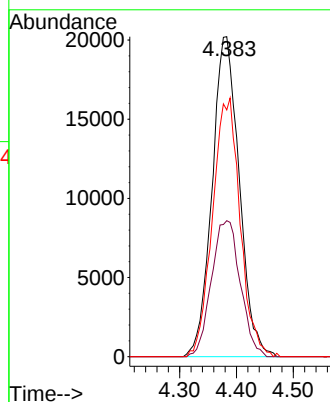
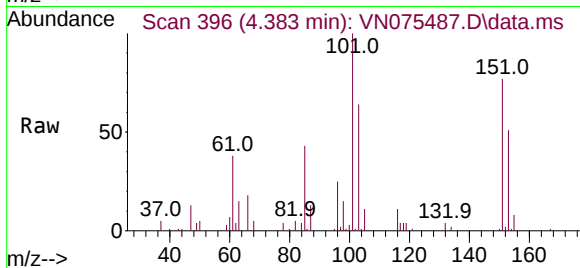




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.006 ug/l  
RT: 4.383 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

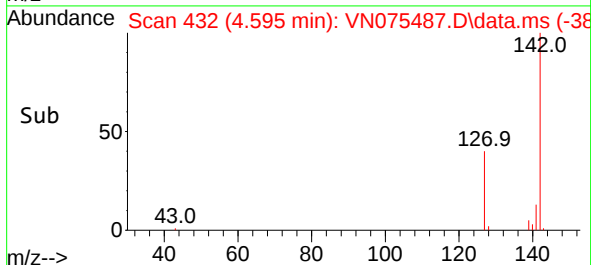
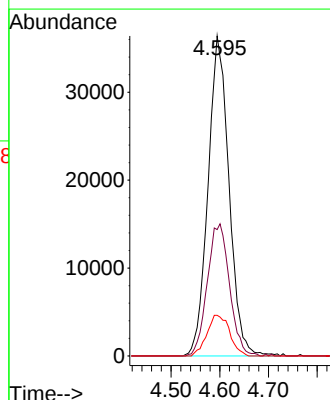
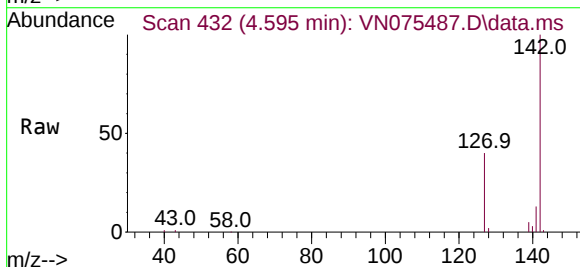
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 67172  
Ion Ratio Lower Upper  
101 100  
85 45.1 37.6 56.4  
151 81.9 58.3 87.5



#10  
Methyl Iodide  
Concen: 47.023 ug/l  
RT: 4.595 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:142 Resp: 108883  
Ion Ratio Lower Upper  
142 100  
127 43.7 38.0 57.0  
141 13.9 12.2 18.4

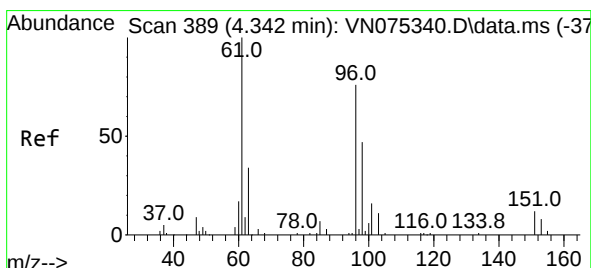
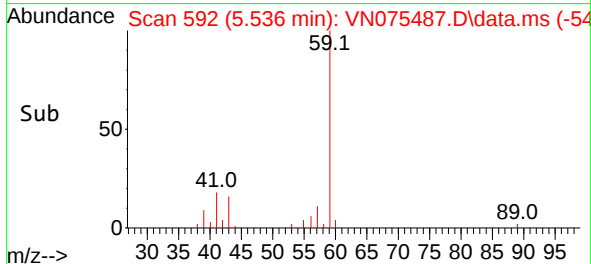
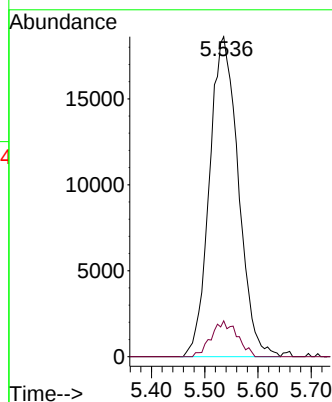
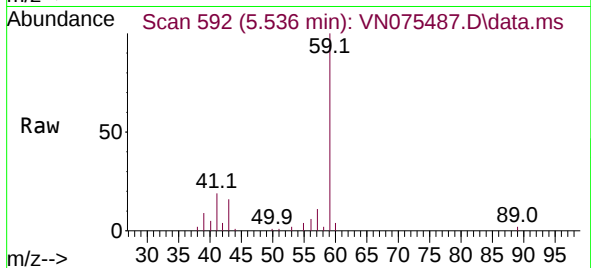




#11  
Tert butyl alcohol  
Concen: 205.894 ug/l  
RT: 5.536 min Scan# 59  
Delta R.T. -0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

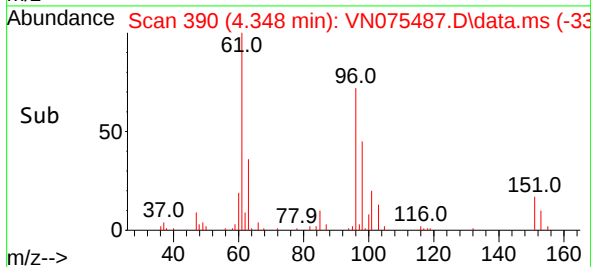
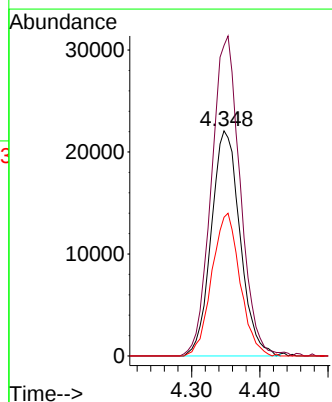
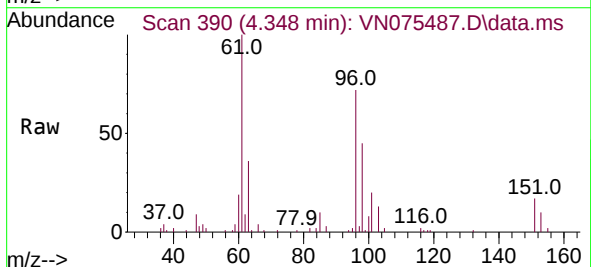
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

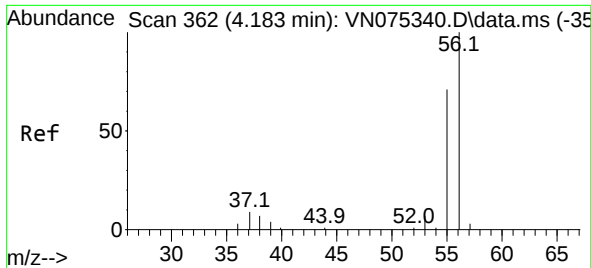
Tgt Ion: 59 Resp: 70106  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 46.344 ug/l  
RT: 4.348 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 96 Resp: 64850  
Ion Ratio Lower Upper  
96 100  
61 138.0 126.2 189.4  
98 61.6 51.5 77.3





#13

Acrolein

Concen: 318.124 ug/l

RT: 4.189 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

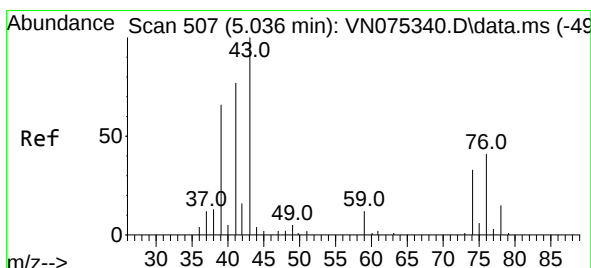
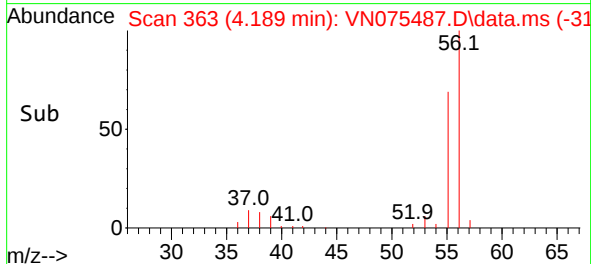
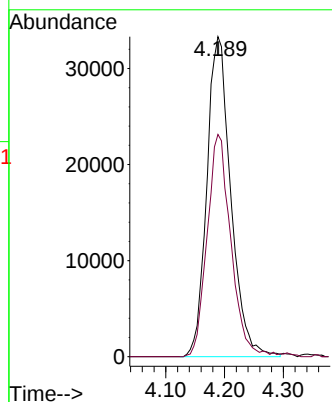
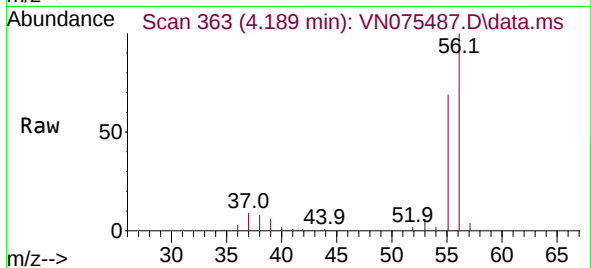
VSTDCCC050EC

Tgt Ion: 56 Resp: 94364

Ion Ratio Lower Upper

56 100

55 69.0 55.2 82.8



#14

Allyl chloride

Concen: 47.882 ug/l

RT: 5.030 min Scan# 506

Delta R.T. -0.006 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

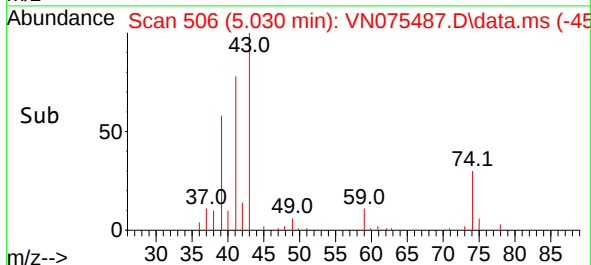
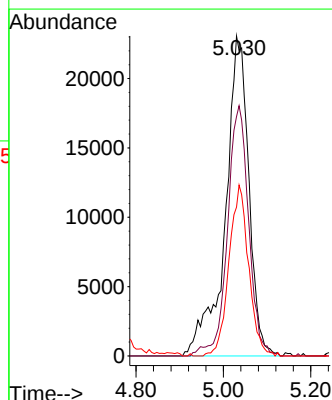
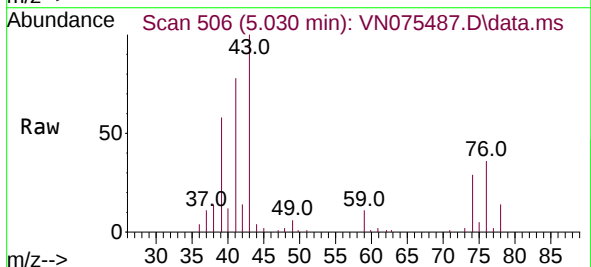
Tgt Ion: 41 Resp: 86667

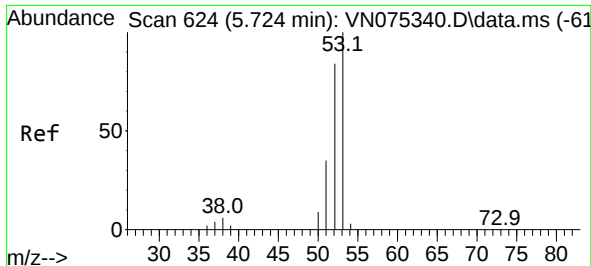
Ion Ratio Lower Upper

41 100

39 70.1 61.0 91.4

76 44.5 33.4 50.0

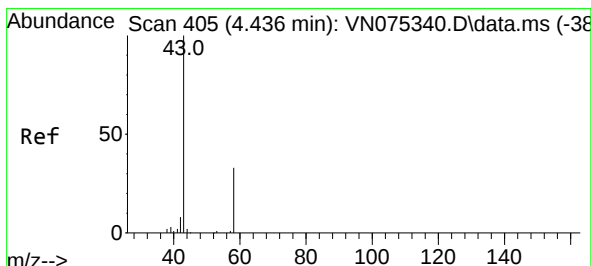
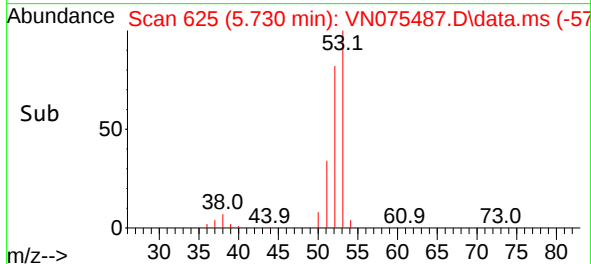
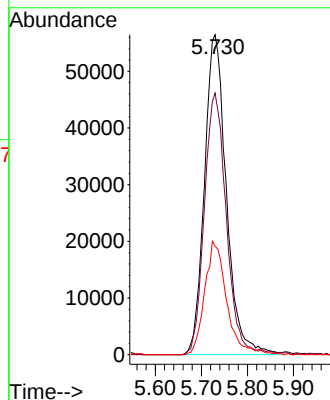
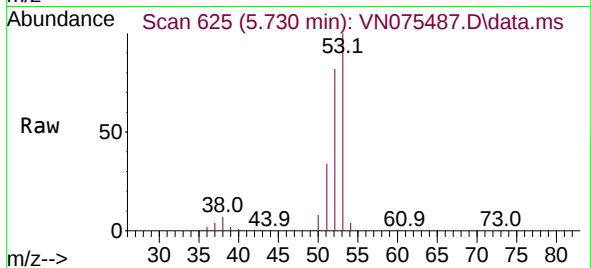




#15  
Acrylonitrile  
Concen: 239.310 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

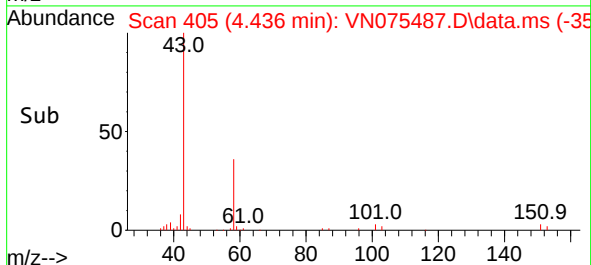
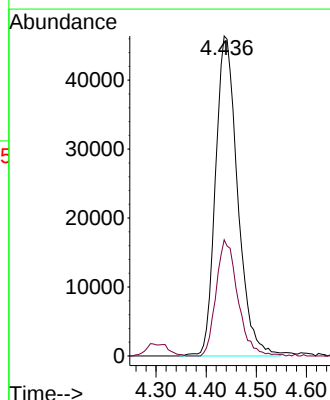
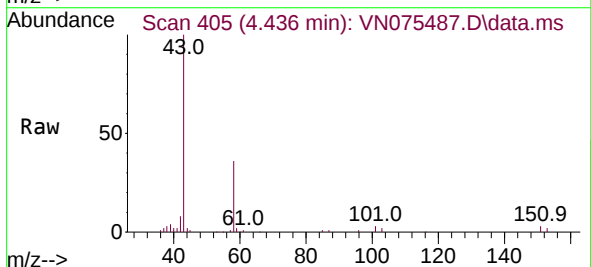
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ClientSampleId :  
VSTDCCC050EC

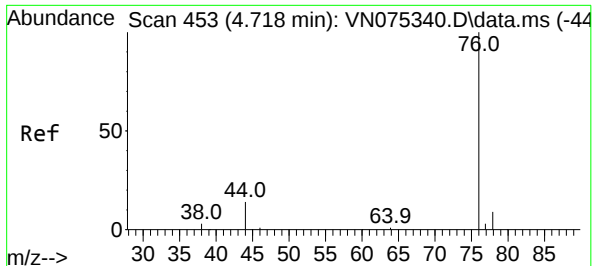
Tgt Ion: 53 Resp: 186946  
Ion Ratio Lower Upper  
53 100  
52 81.3 66.4 99.6  
51 35.5 29.6 44.4



#16  
Acetone  
Concen: 188.240 ug/l  
RT: 4.436 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 43 Resp: 142416  
Ion Ratio Lower Upper  
43 100  
58 35.9 25.5 38.3

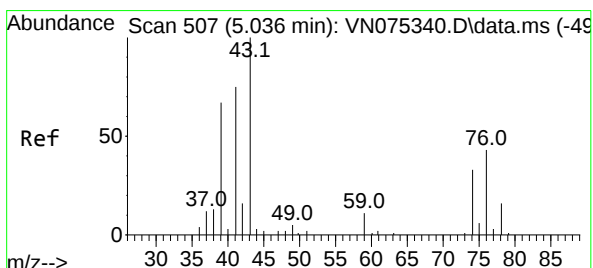
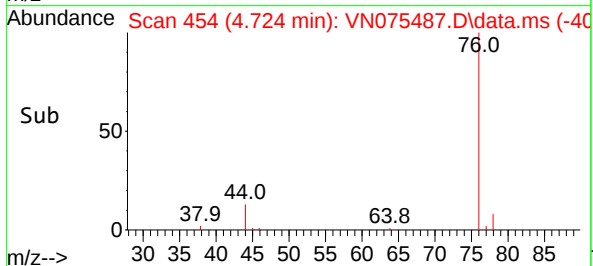
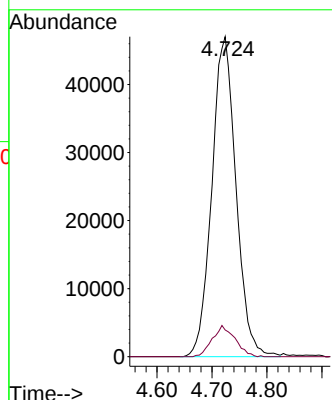
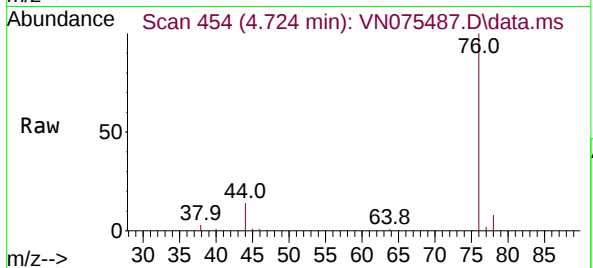




#17  
Carbon Disulfide  
Concen: 39.529 ug/l  
RT: 4.724 min Scan# 453  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

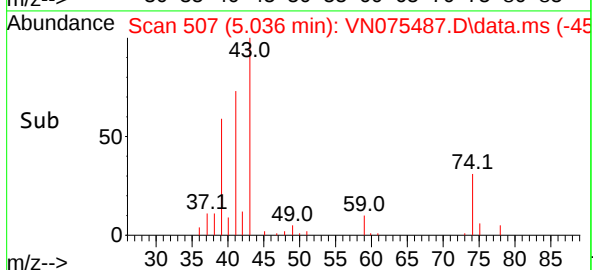
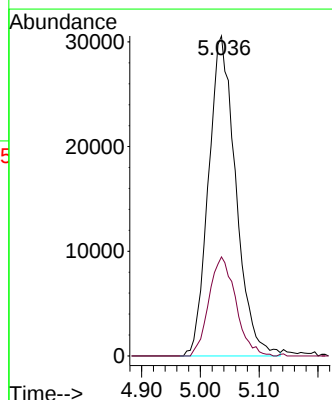
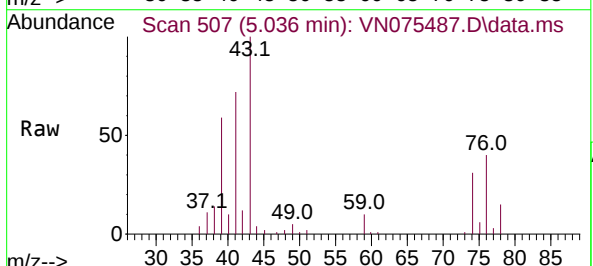
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ClientSampleId :  
VSTDCCC050EC

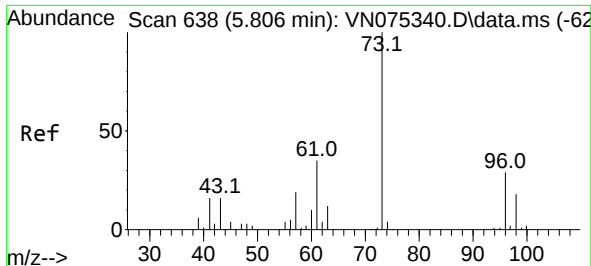
Tgt Ion: 76 Resp: 143749  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.4 11.2



#18  
Methyl Acetate  
Concen: 51.737 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 43 Resp: 98592  
Ion Ratio Lower Upper  
43 100  
74 30.5 22.0 33.0

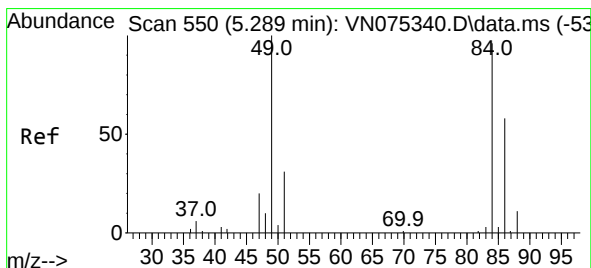
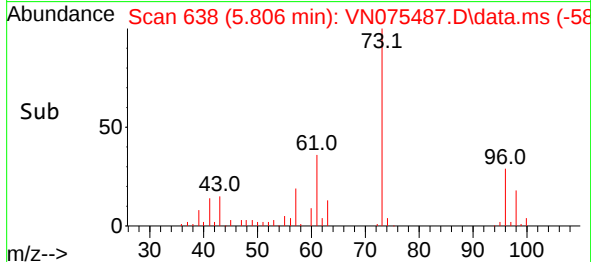
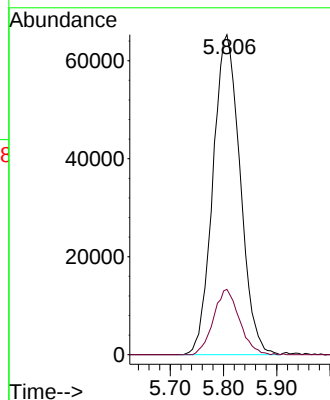
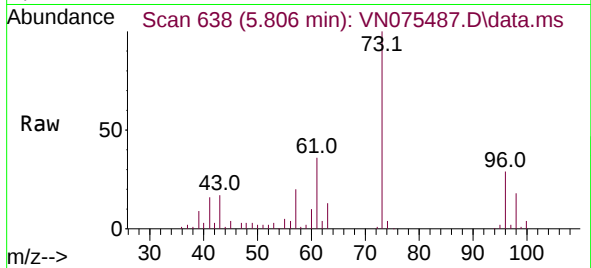




#19  
Methyl tert-butyl Ether  
Concen: 46.718 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

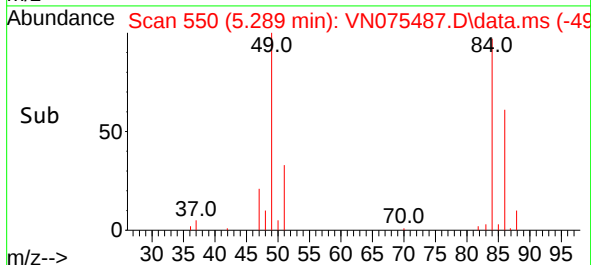
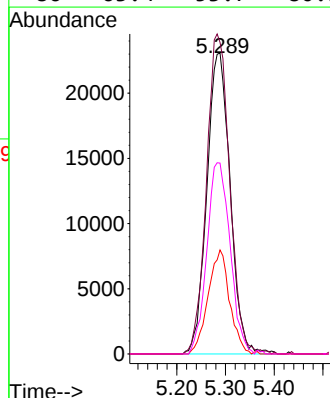
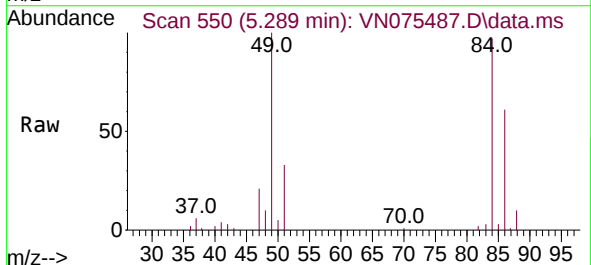
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ClientSampleId :  
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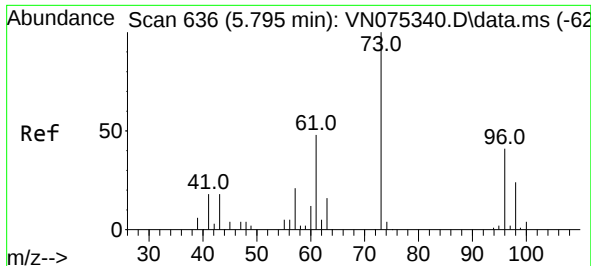
Tgt Ion: 73 Resp: 231582  
Ion Ratio Lower Upper  
73 100  
57 20.4 16.3 24.5



#20  
Methylene Chloride  
Concen: 50.048 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 84 Resp: 76781  
Ion Ratio Lower Upper  
84 100  
49 103.5 94.9 142.3  
51 34.6 26.8 40.2  
86 63.4 53.7 80.5

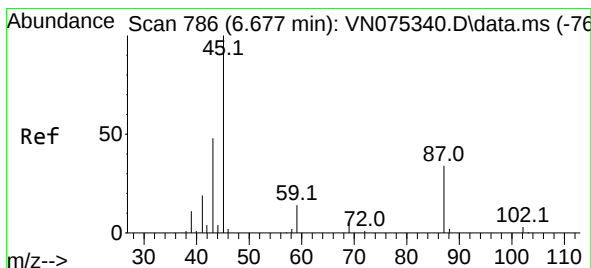
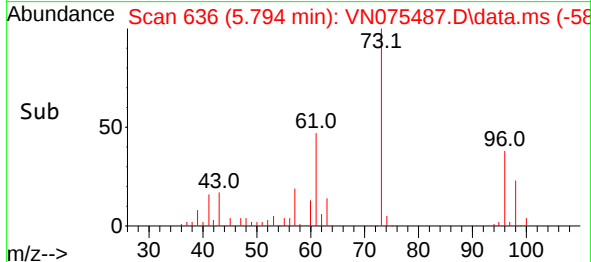
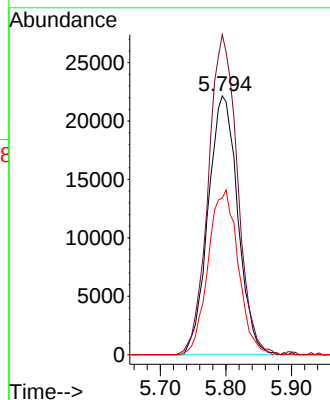
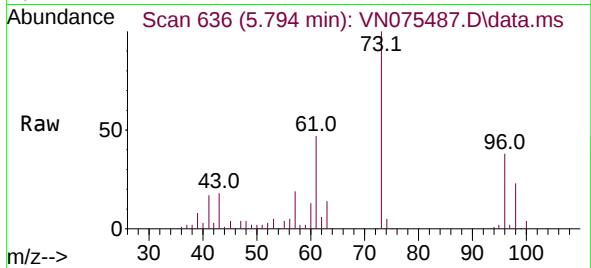




#21  
trans-1,2-Dichloroethene  
Concen: 43.613 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

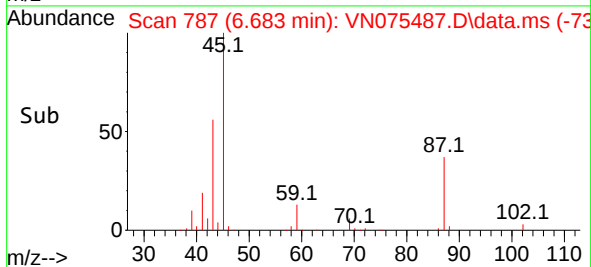
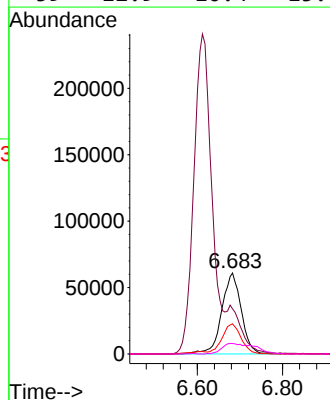
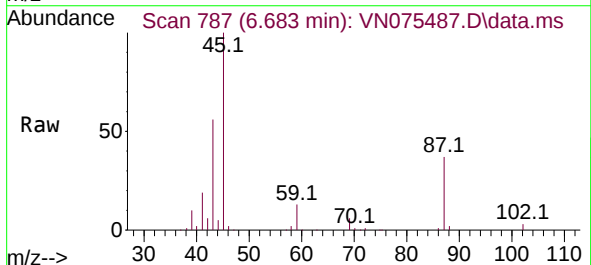
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ClientSampleId :  
VSTDCCC050EC

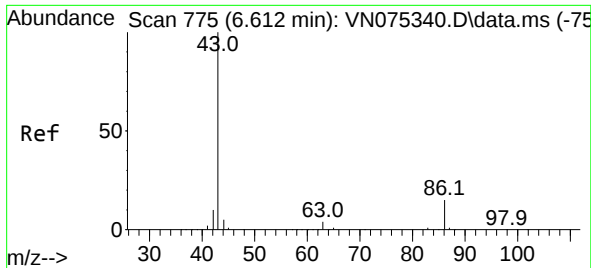
Tgt Ion: 96 Resp: 69551  
Ion Ratio Lower Upper  
96 100  
61 123.7 99.9 149.9  
98 60.5 51.5 77.3



#22  
Diisopropyl ether  
Concen: 46.998 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 45 Resp: 194125  
Ion Ratio Lower Upper  
45 100  
43 54.5 42.8 64.2  
87 37.1 28.4 42.6  
59 12.9 10.4 15.6

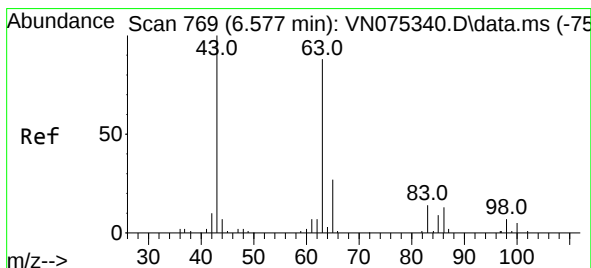
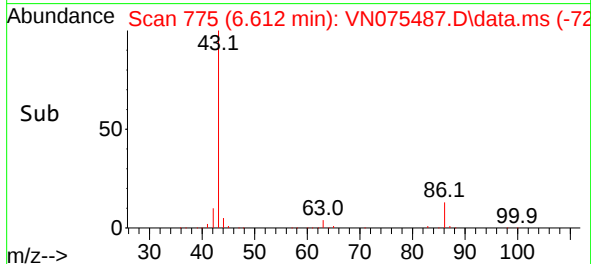
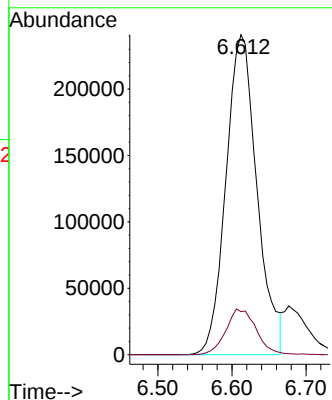
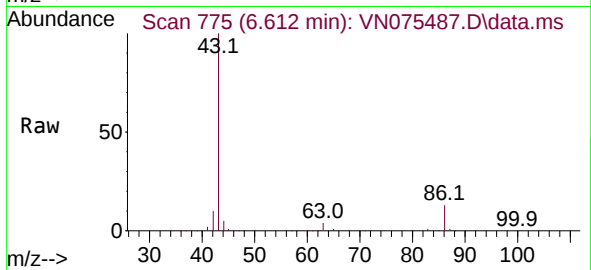




#23  
 Vinyl Acetate  
 Concen: 213.776 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

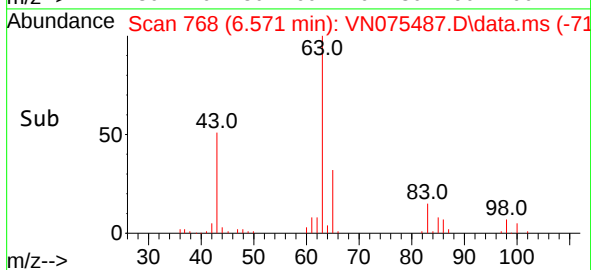
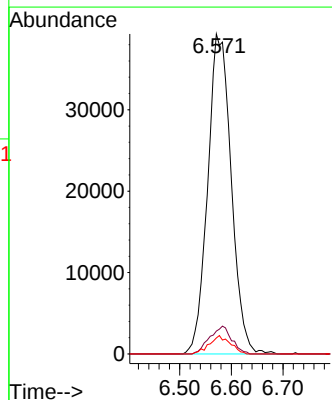
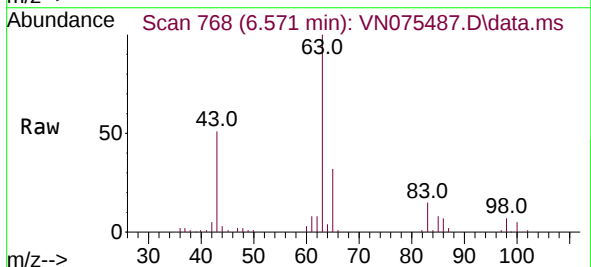
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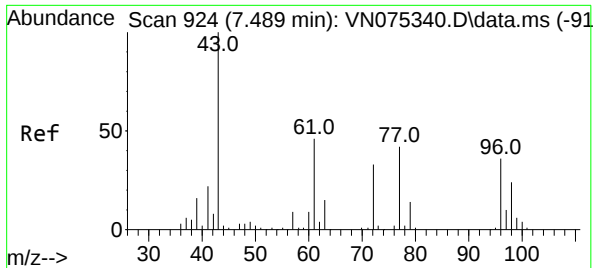
Tgt Ion: 43 Resp: 702483  
 Ion Ratio Lower Upper  
 43 100  
 86 13.5 10.7 16.1



#24  
 1,1-Dichloroethane  
 Concen: 46.919 ug/l  
 RT: 6.571 min Scan# 768  
 Delta R.T. -0.006 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

Tgt Ion: 63 Resp: 124393  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.8  
 100 5.0 2.4 7.2

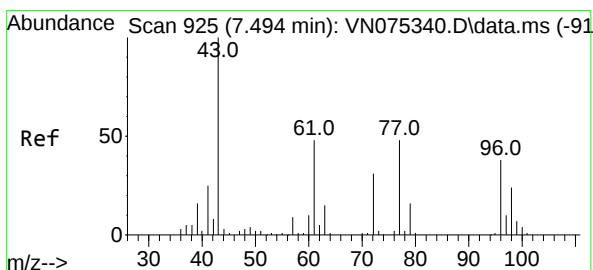
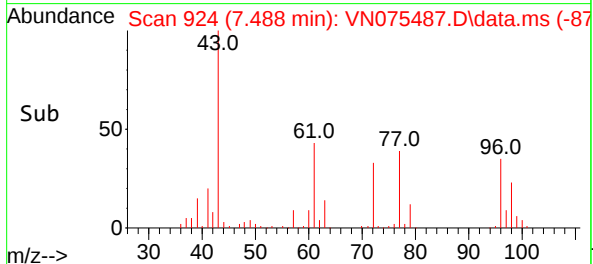
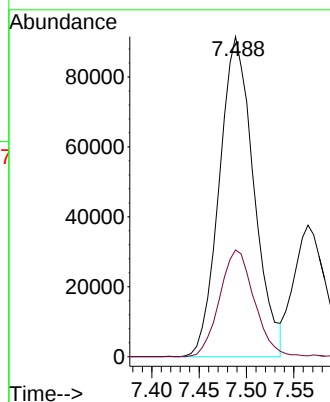
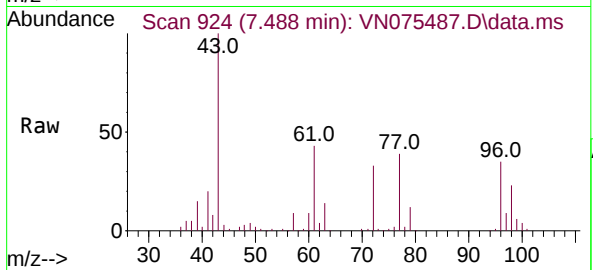




#25  
2-Butanone  
Concen: 219.787 ug/l  
RT: 7.488 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

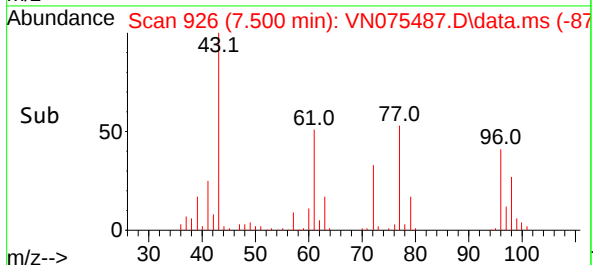
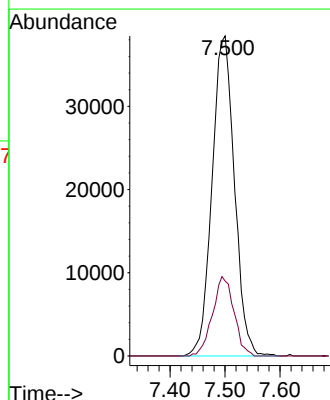
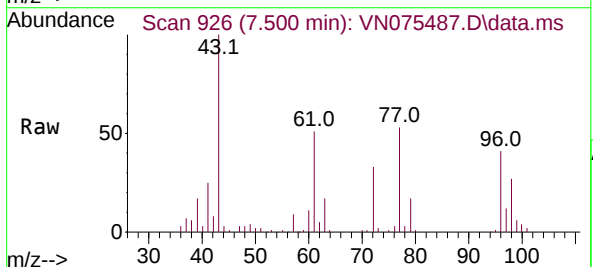
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

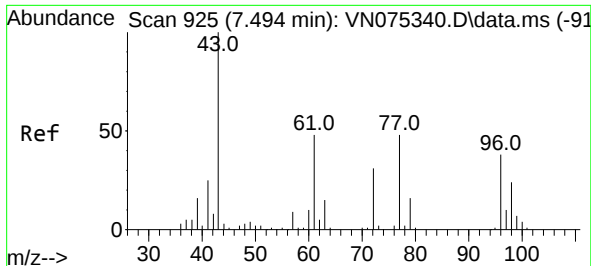
Tgt Ion: 43 Resp: 232153  
Ion Ratio Lower Upper  
43 100  
72 33.3 25.5 38.3



#26  
2,2-Dichloropropane  
Concen: 44.191 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 77 Resp: 108888  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.2 33.6



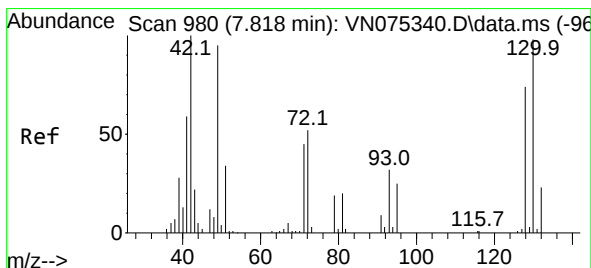
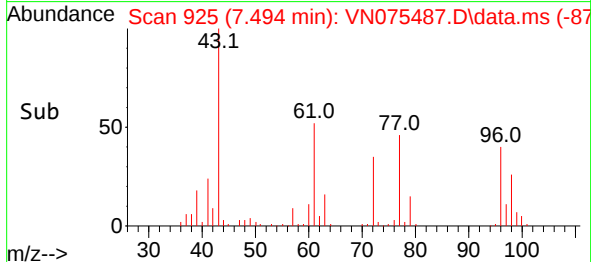
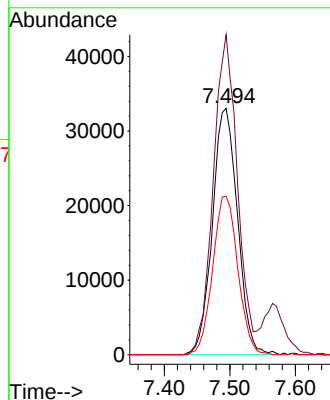
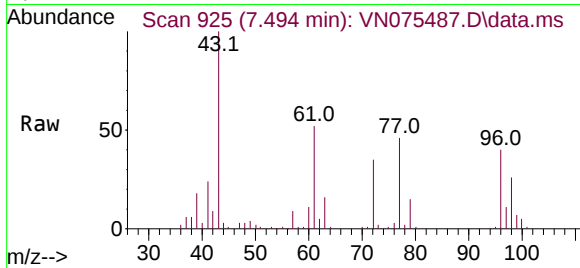


#27  
 cis-1,2-Dichloroethene  
 Concen: 48.748 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 87903  

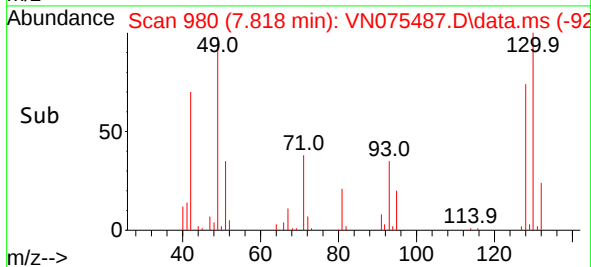
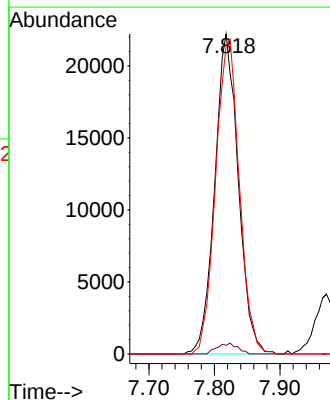
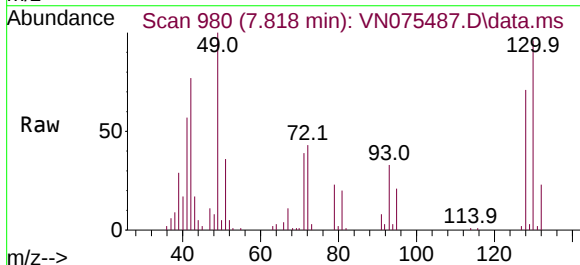
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.2 | 0.0   | 278.8 |
| 98  | 64.4  | 0.0   | 128.4 |

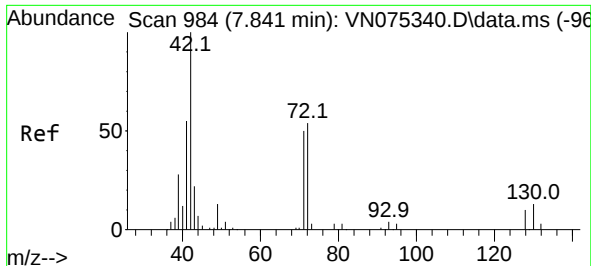


#28  
 Bromochloromethane  
 Concen: 51.381 ug/l  
 RT: 7.818 min Scan# 980  
 Delta R.T. -0.000 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

Tgt Ion: 49 Resp: 55295  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.9   | 0.0   | 4.6   |
| 130 | 99.2  | 66.2  | 99.4  |





#29

Tetrahydrofuran

Concen: 232.237 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

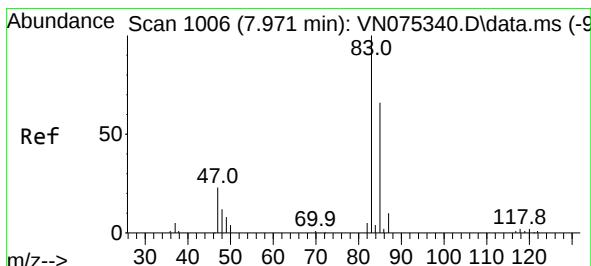
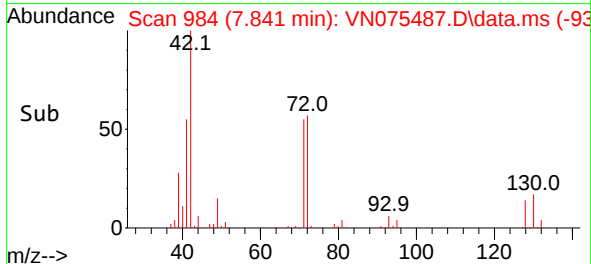
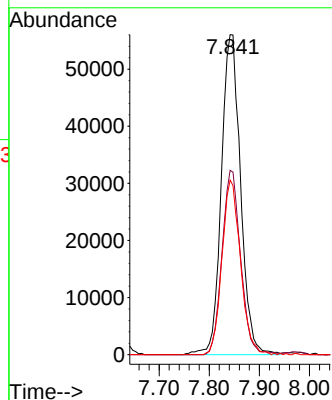
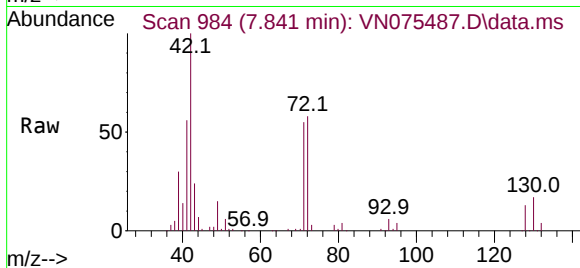
Tgt Ion: 42 Resp: 149210

Ion Ratio Lower Upper

42 100

72 55.5 43.0 64.6

71 52.6 39.9 59.9



#30

Chloroform

Concen: 47.629 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075487.D

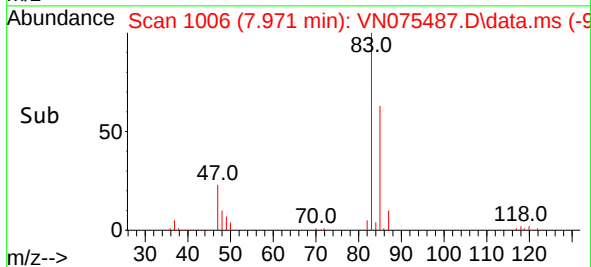
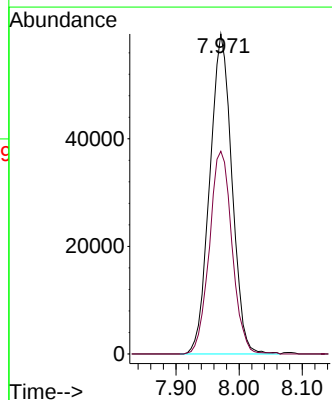
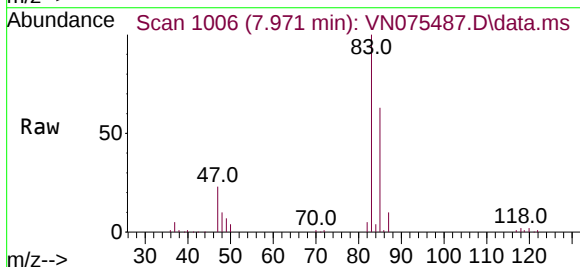
Acq: 29 Nov 2022 19:37

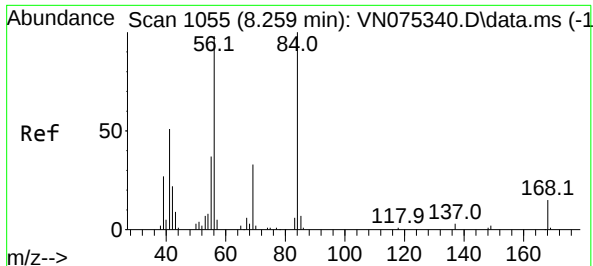
Tgt Ion: 83 Resp: 145011

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

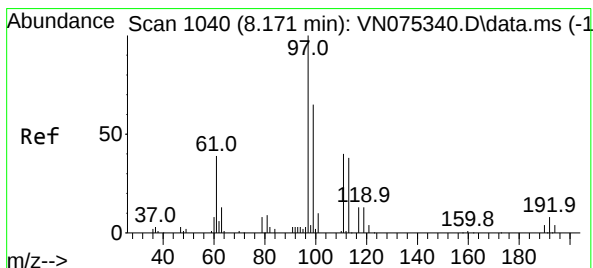
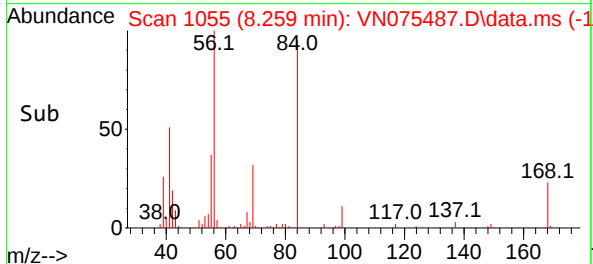
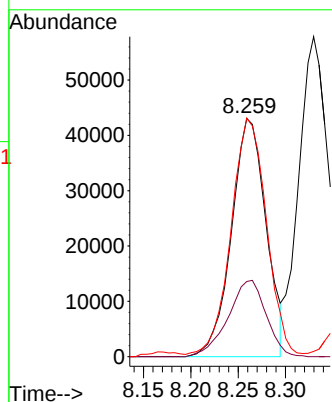
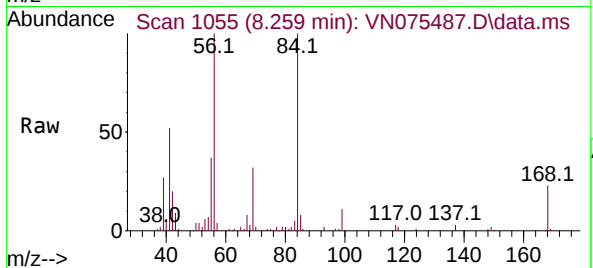




#31  
Cyclohexane  
Concen: 42.301 ug/l  
RT: 8.259 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

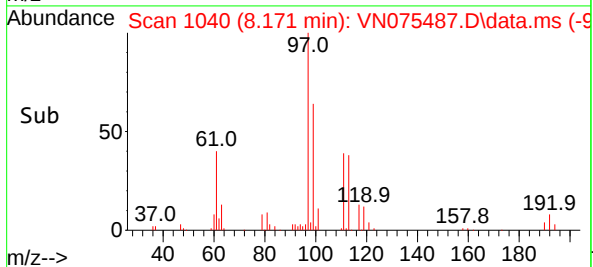
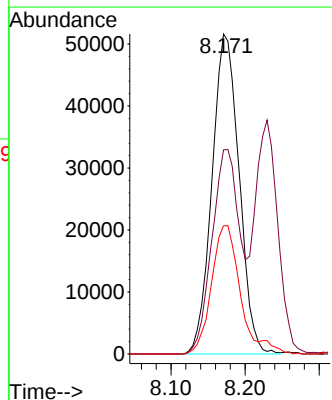
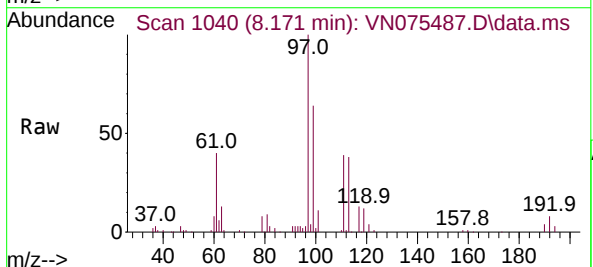
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 56 Resp: 109011  
Ion Ratio Lower Upper  
56 100  
69 31.6 25.2 37.8  
84 98.9 77.8 116.8



#32  
1,1,1-Trichloroethane  
Concen: 47.387 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 97 Resp: 131000  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.2 75.2  
61 42.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 45.353 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

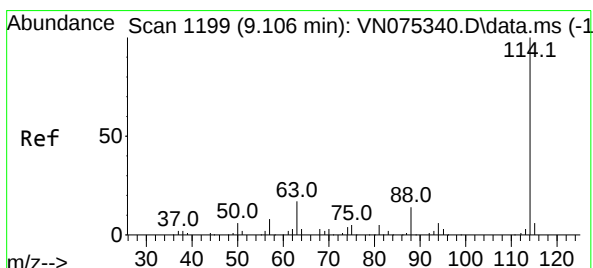
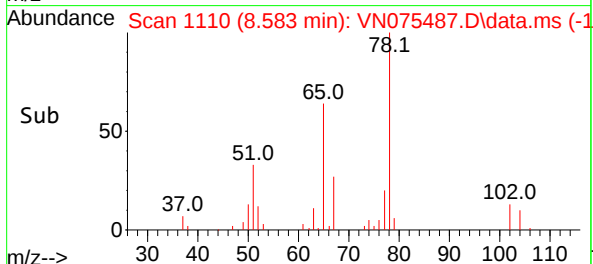
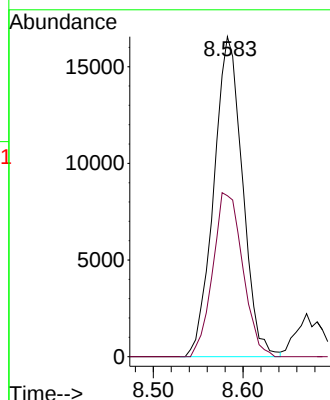
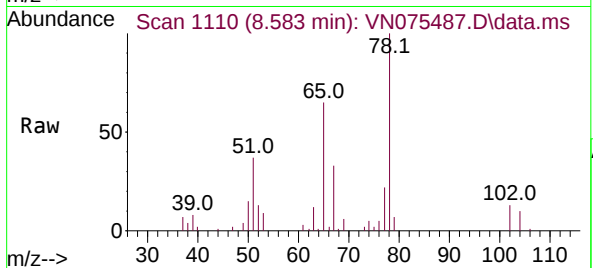
VSTDCCC050EC

Tgt Ion: 65 Resp: 36786

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

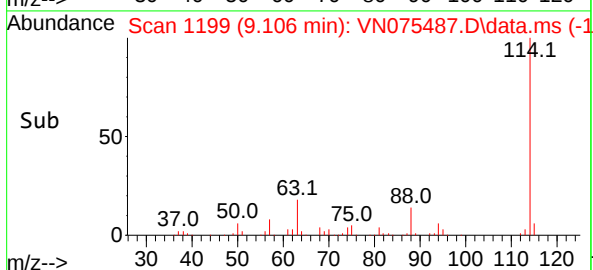
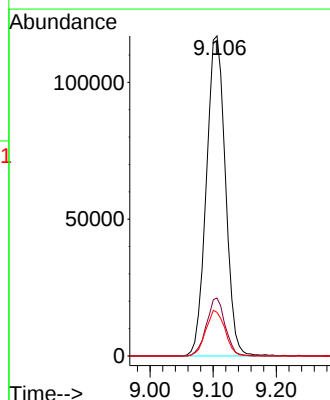
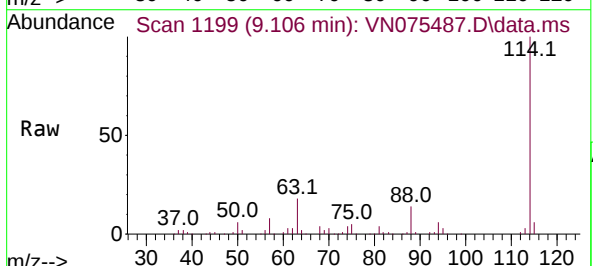
Tgt Ion: 114 Resp: 245183

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 13.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.525 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

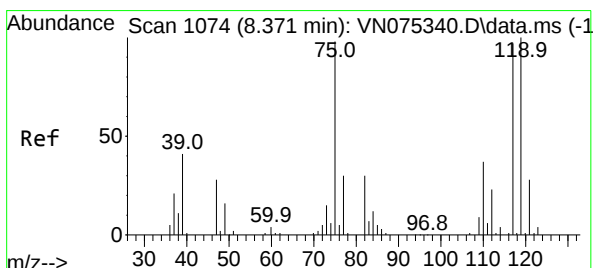
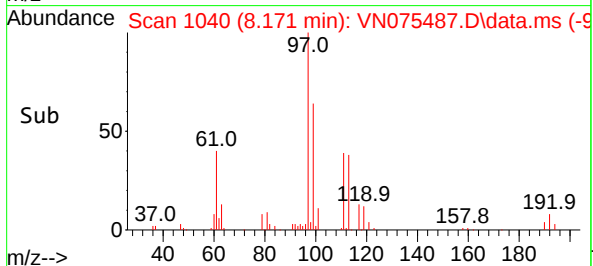
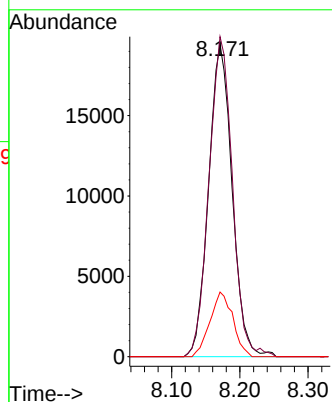
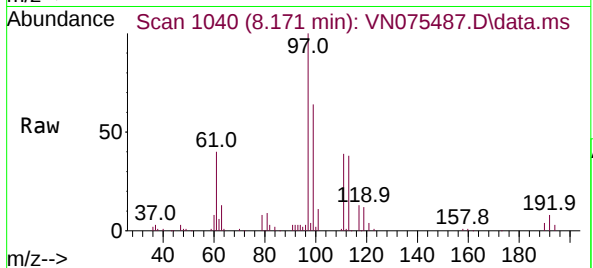
Tgt Ion:113 Resp: 46737

Ion Ratio Lower Upper

113 100

111 101.9 80.5 120.7

192 20.1 13.2 19.8#



#36

1,1-Dichloropropene

Concen: 47.266 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

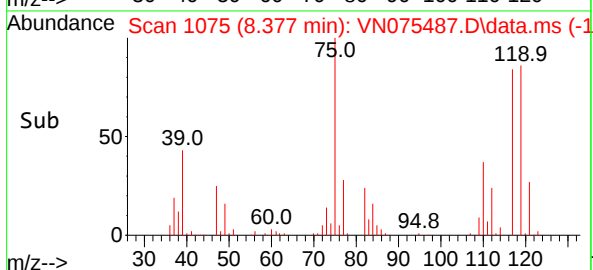
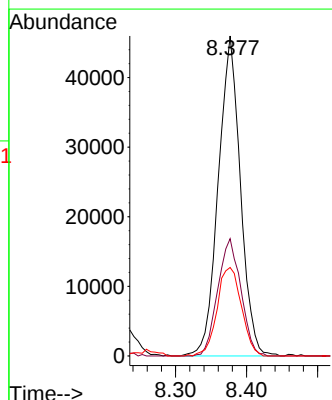
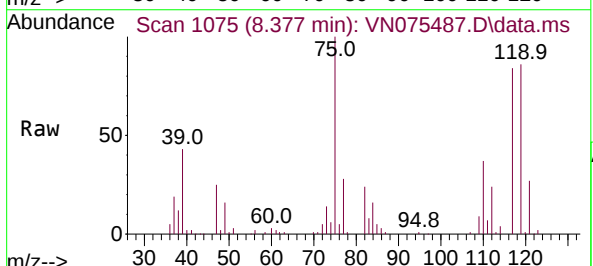
Tgt Ion: 75 Resp: 99278

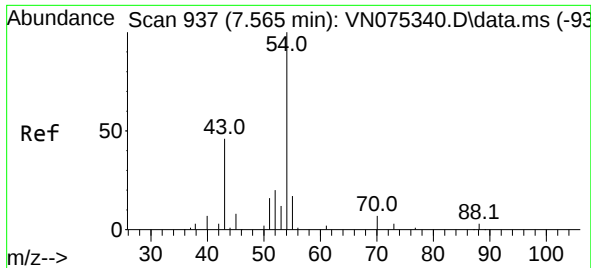
Ion Ratio Lower Upper

75 100

110 38.3 17.8 53.3

77 30.4 24.6 37.0

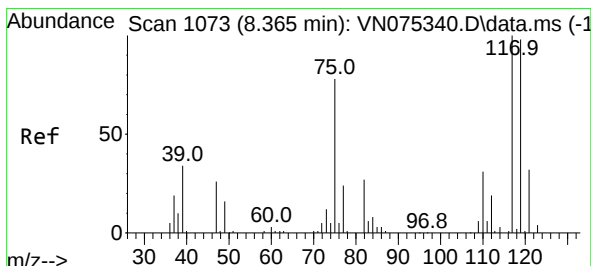
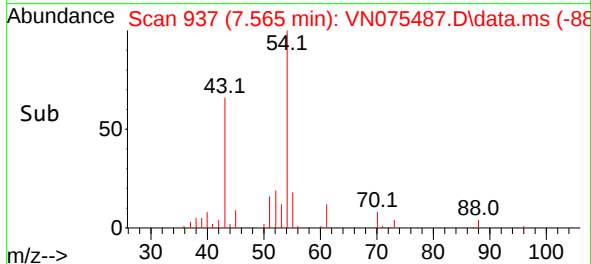
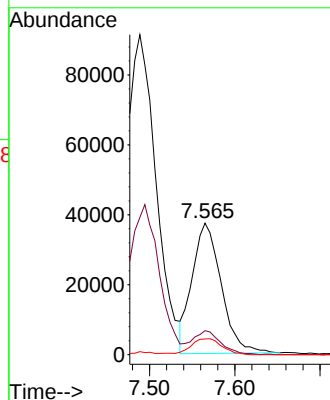
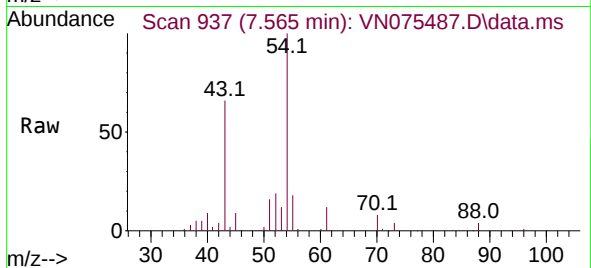




#37  
Ethyl Acetate  
Concen: 46.748 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

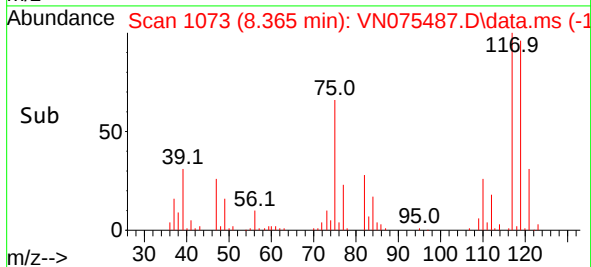
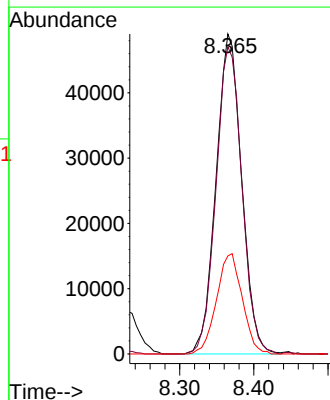
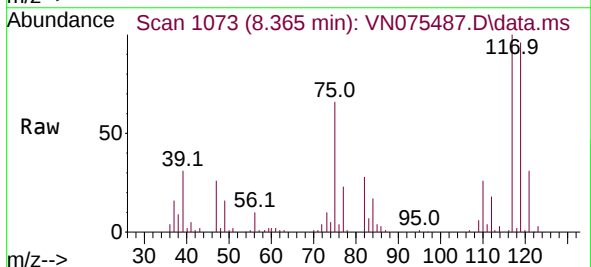
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

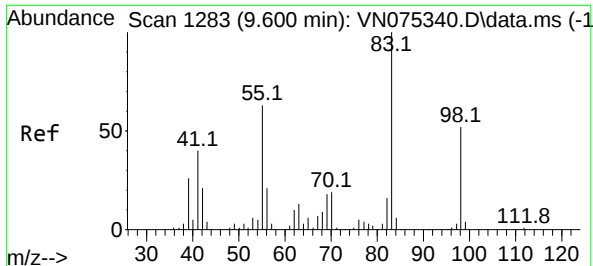
Tgt Ion: 43 Resp: 88413  
Ion Ratio Lower Upper  
43 100  
61 17.1 12.2 18.4  
70 12.9 9.4 14.2



#38  
Carbon Tetrachloride  
Concen: 51.016 ug/l  
RT: 8.365 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 117 Resp: 117712  
Ion Ratio Lower Upper  
117 100  
119 96.0 76.7 115.1  
121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 48.626 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

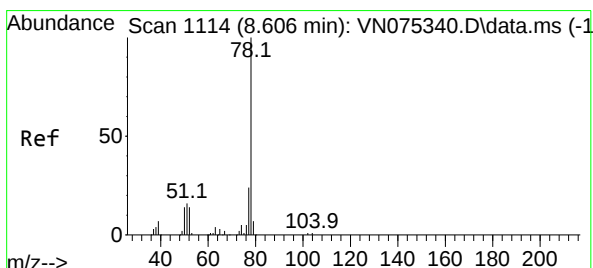
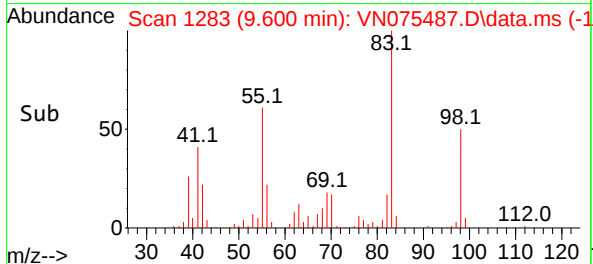
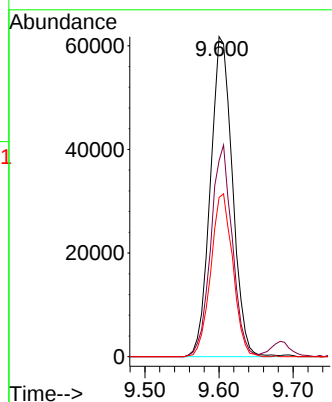
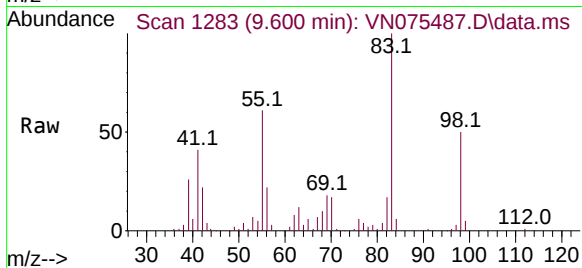
Tgt Ion: 83 Resp: 127828

Ion Ratio Lower Upper

83 100

55 61.3 53.6 80.4

98 49.8 41.1 61.7



#40

Benzene

Concen: 48.316 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075487.D

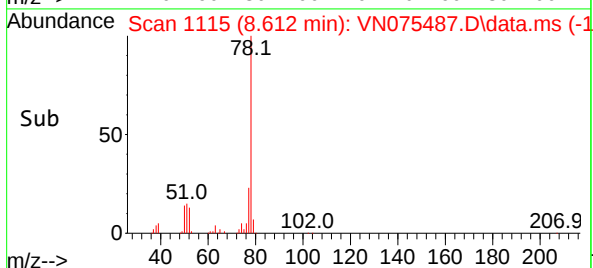
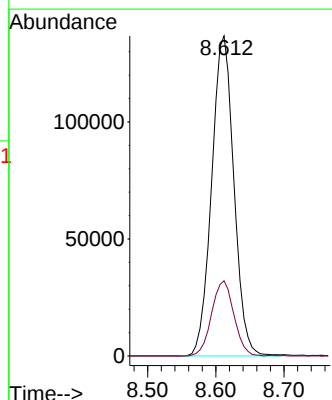
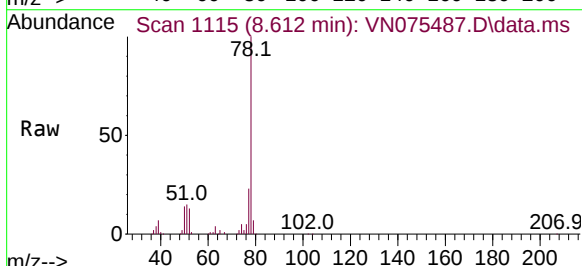
Acq: 29 Nov 2022 19:37

Tgt Ion: 78 Resp: 310713

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

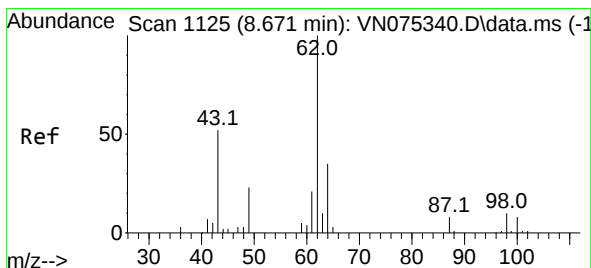
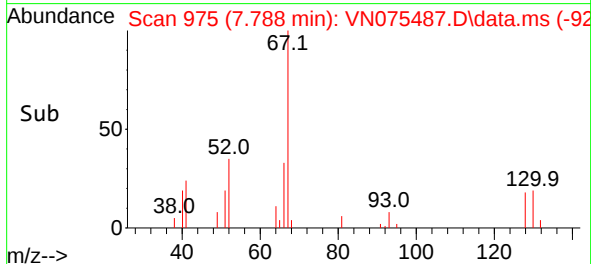
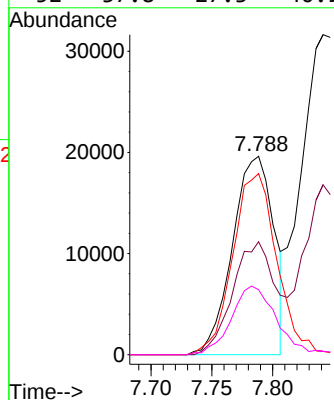
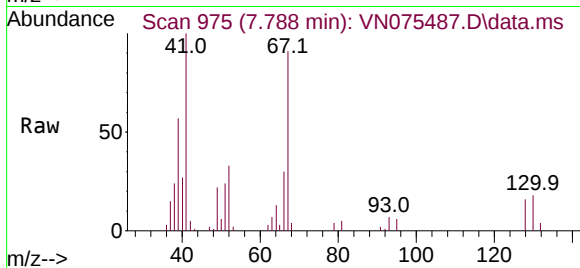




#41  
Methacrylonitrile  
Concen: 47.913 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

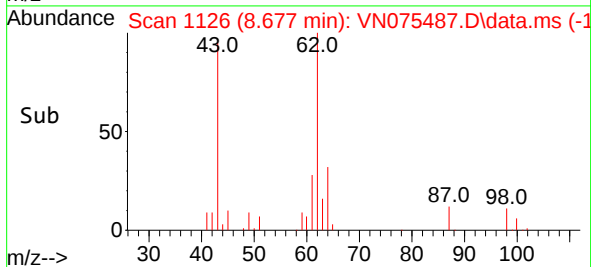
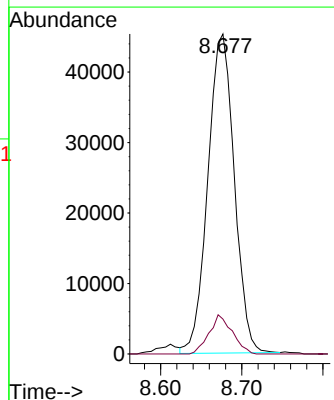
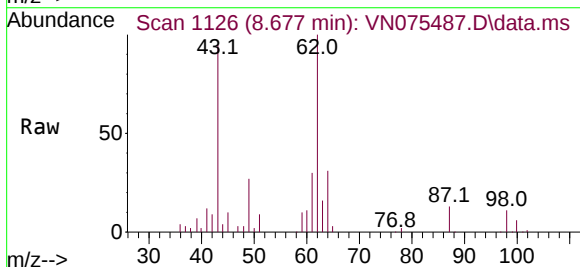
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

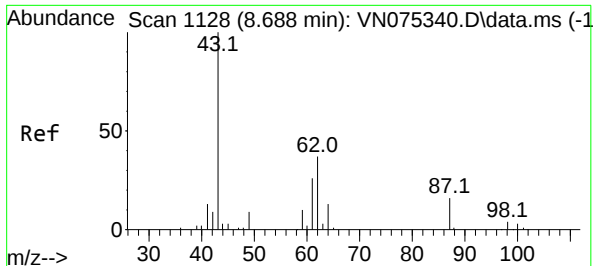
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 46328 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.7  | 44.4  | 66.6  |
| 67       | 97.3  | 69.8  | 104.6 |
| 52       | 37.8  | 27.3  | 40.9  |



#42  
1,2-Dichloroethane  
Concen: 47.618 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 102558 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.8  | 0.0   | 18.2   |

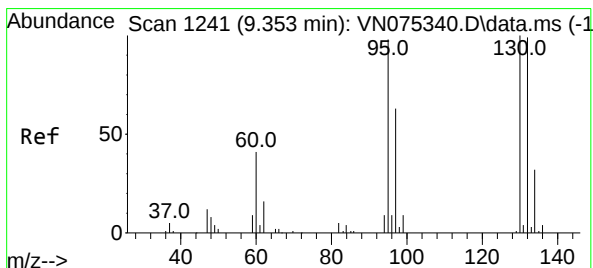
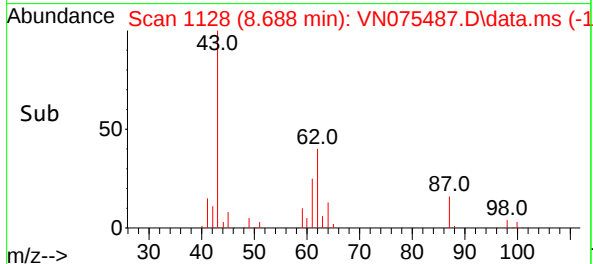
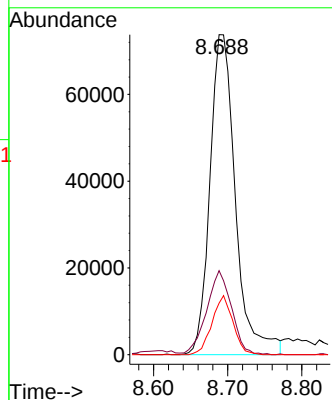
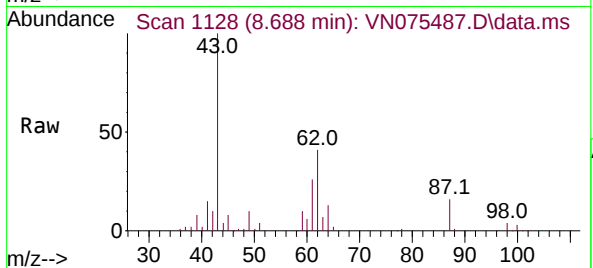




#43  
Isopropyl Acetate  
Concen: 58.166 ug/l  
RT: 8.688 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

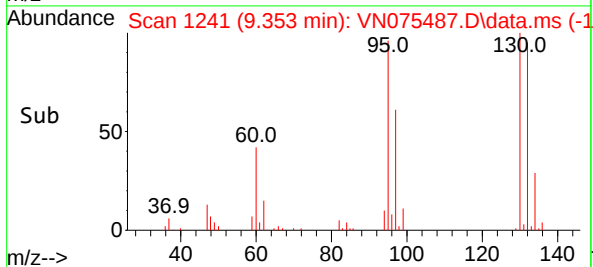
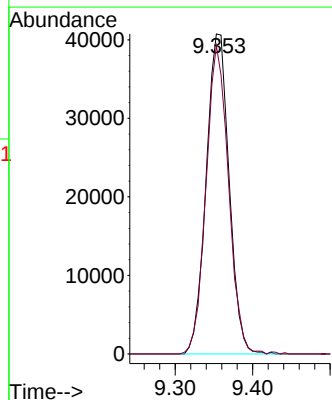
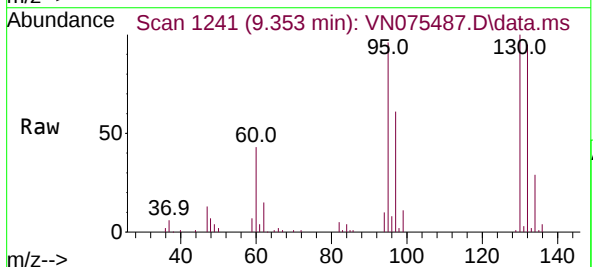
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 176577  
Ion Ratio Lower Upper  
43 100  
61 25.6 22.4 33.6  
87 15.2 12.5 18.7



#44  
Trichloroethene  
Concen: 47.677 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:130 Resp: 83895  
Ion Ratio Lower Upper  
130 100  
95 96.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.328 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

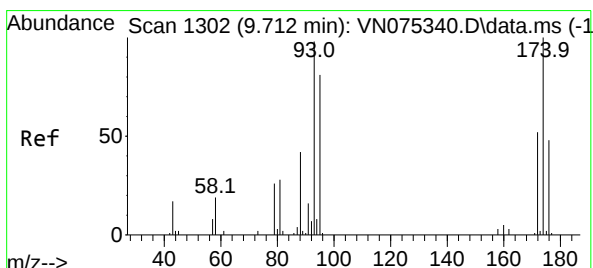
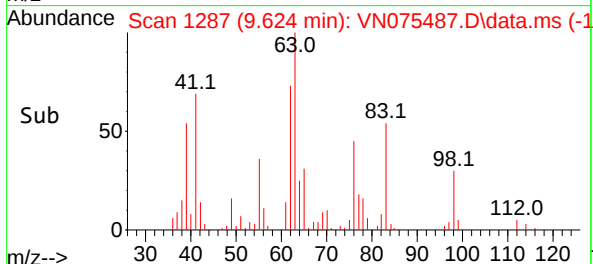
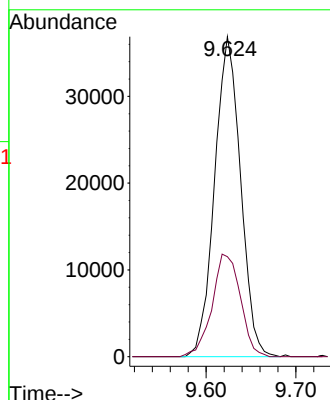
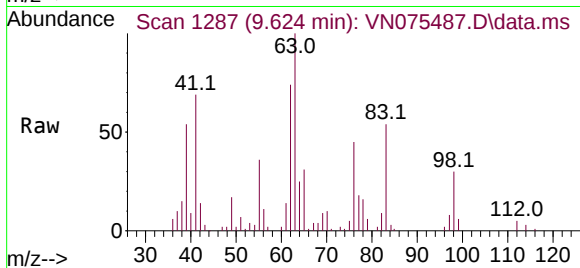
VSTDCCC050EC

Tgt Ion: 63 Resp: 74063

Ion Ratio Lower Upper

63 100

65 31.3 26.1 39.1



#46

Dibromomethane

Concen: 49.842 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

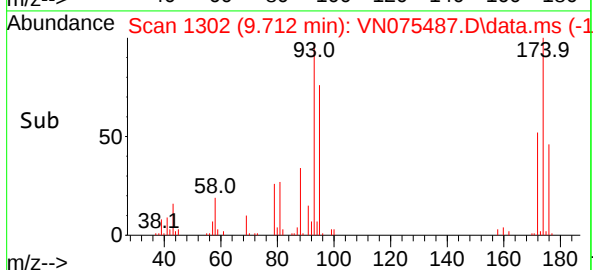
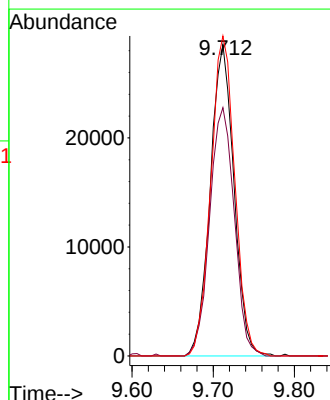
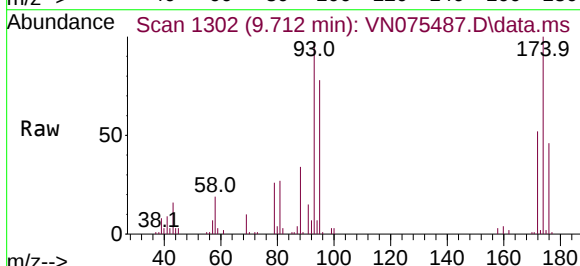
Tgt Ion: 93 Resp: 57775

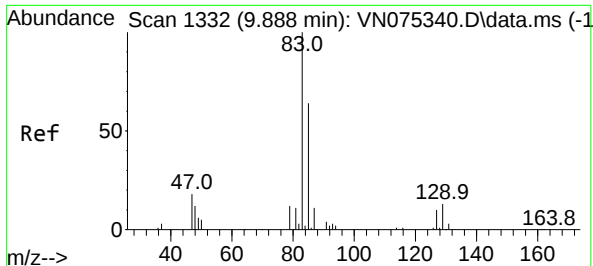
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 104.2 70.3 105.5

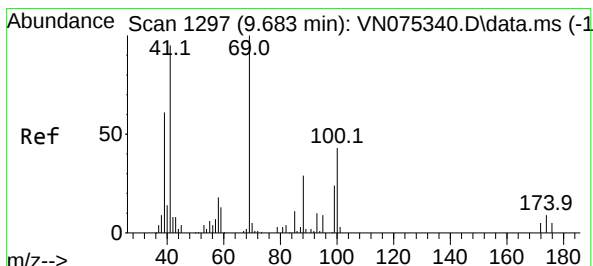
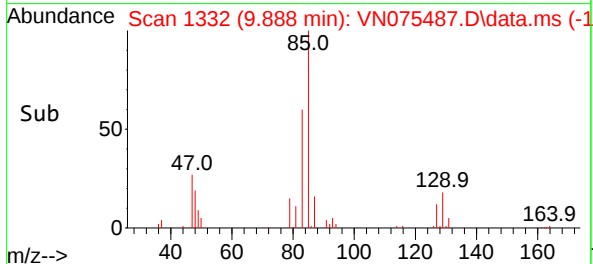
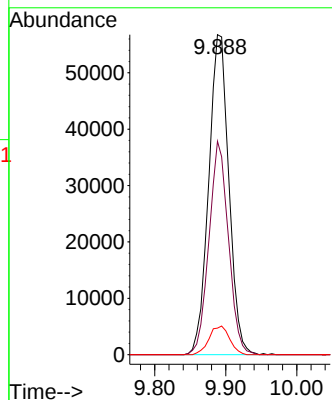
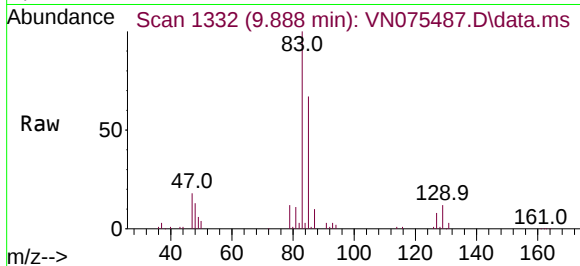




#47  
Bromodichloromethane  
Concen: 49.839 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

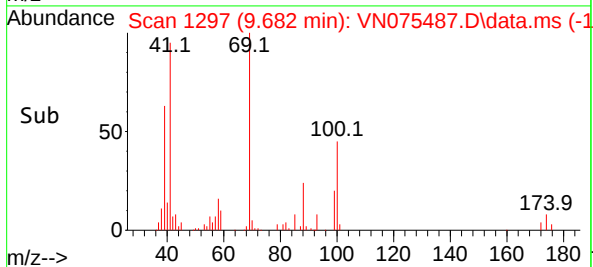
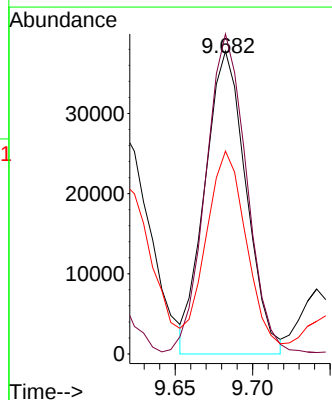
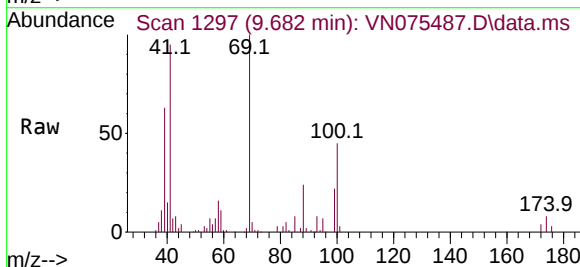
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 111877  
Ion Ratio Lower Upper  
83 100  
85 66.7 52.1 78.1  
127 8.3 6.6 10.0



#48  
Methyl methacrylate  
Concen: 49.741 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.001 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 41 Resp: 69822  
Ion Ratio Lower Upper  
41 100  
69 104.2 80.2 120.2  
39 66.9 56.2 84.2





#49

1,4-Dioxane

Concen: 938.930 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

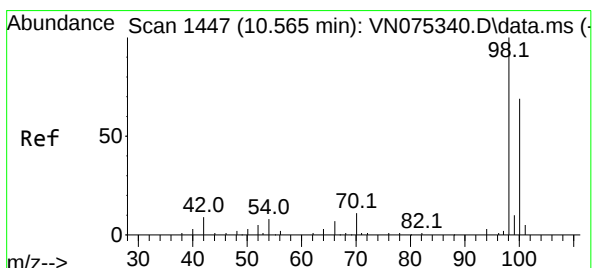
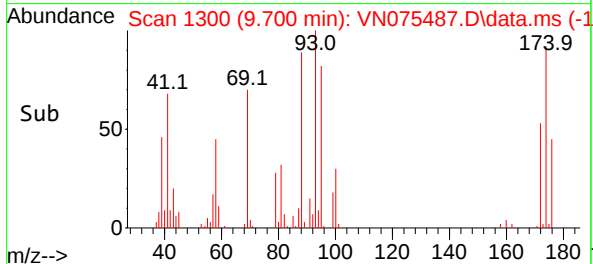
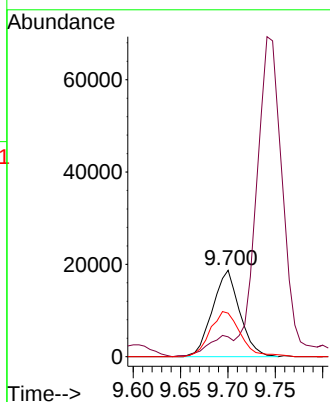
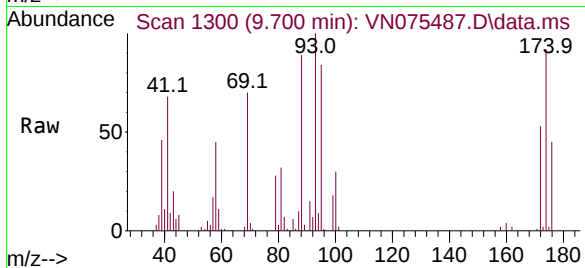
Tgt Ion: 88 Resp: 37425

Ion Ratio Lower Upper

88 100

43 22.7 17.5 26.3

58 58.2 49.8 74.8



#50

Toluene-d8

Concen: 47.123 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075487.D

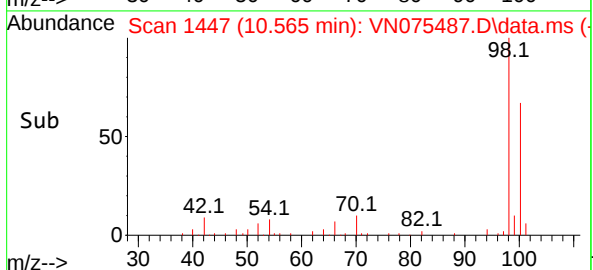
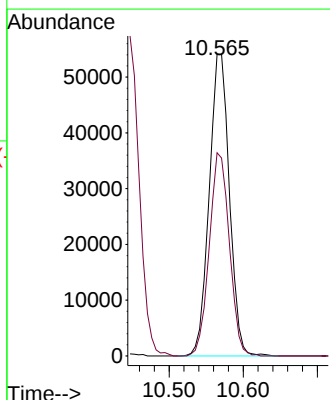
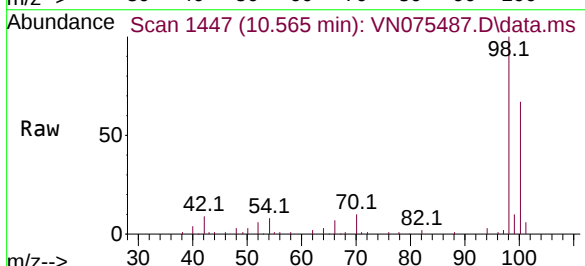
Acq: 29 Nov 2022 19:37

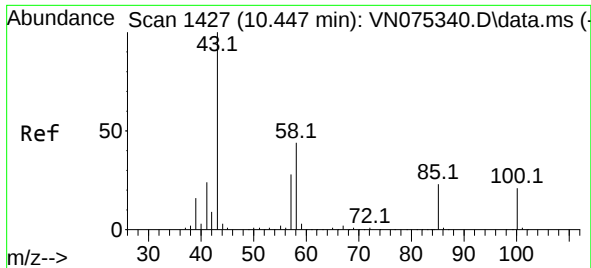
Tgt Ion: 98 Resp: 102225

Ion Ratio Lower Upper

98 100

100 67.0 53.0 79.6

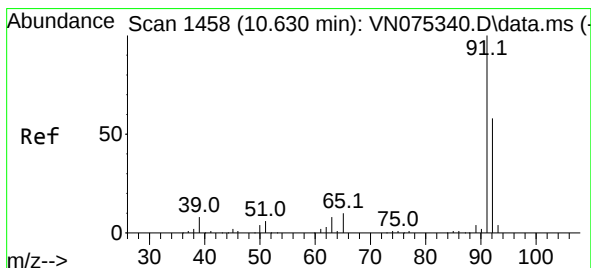
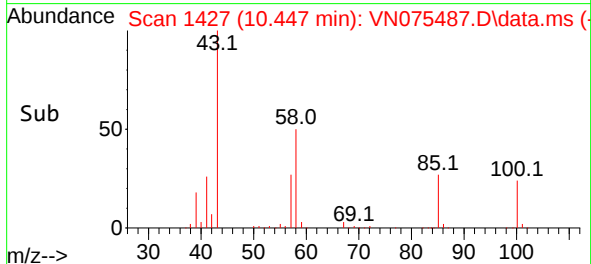
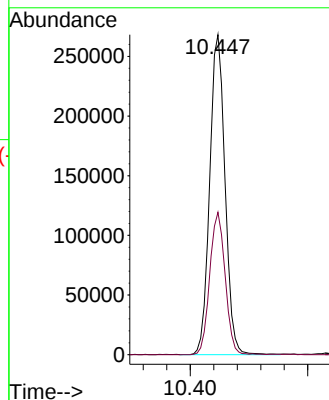
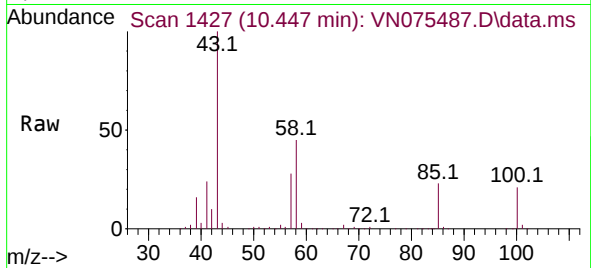




#51  
4-Methyl-2-Pentanone  
Concen: 251.099 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

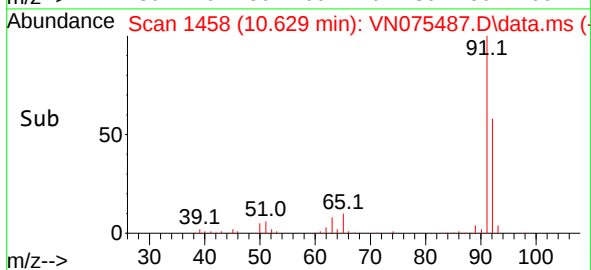
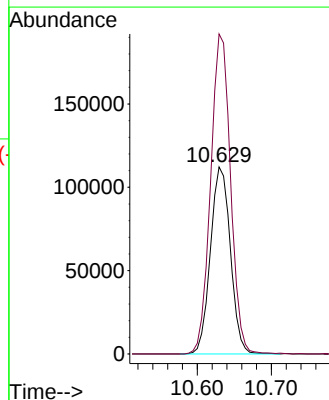
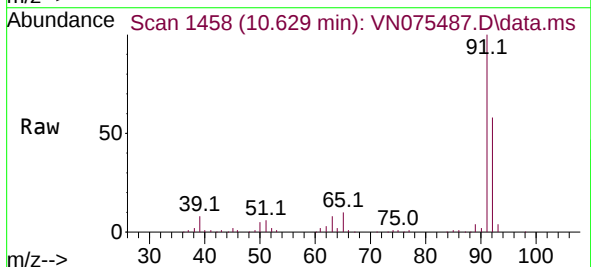
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

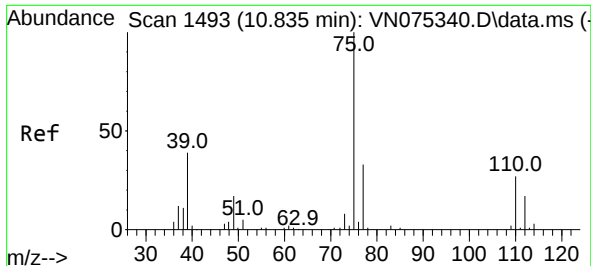
Tgt Ion: 43 Resp: 485508  
Ion Ratio Lower Upper  
43 100  
58 44.7 33.6 50.4



#52  
Toluene  
Concen: 50.658 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.001 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 92 Resp: 209933  
Ion Ratio Lower Upper  
92 100  
91 170.9 135.4 203.2

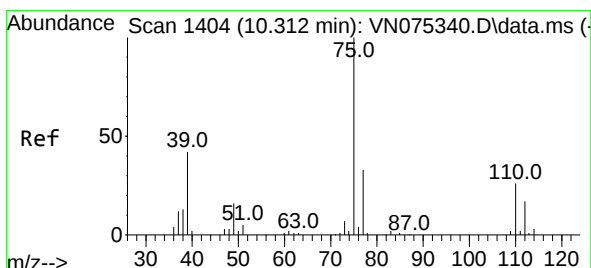
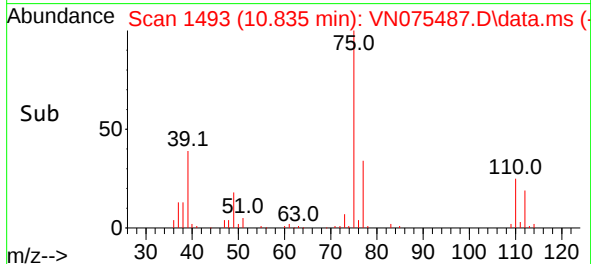
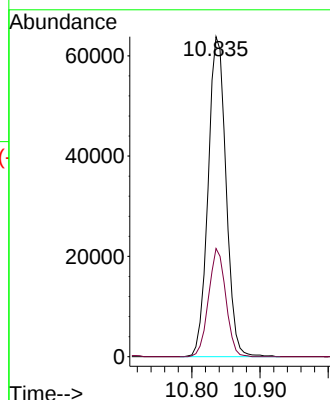
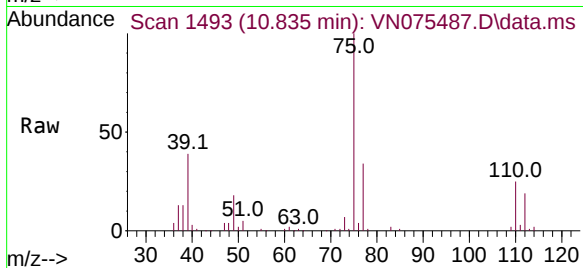




#53  
t-1,3-Dichloropropene  
Concen: 51.808 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

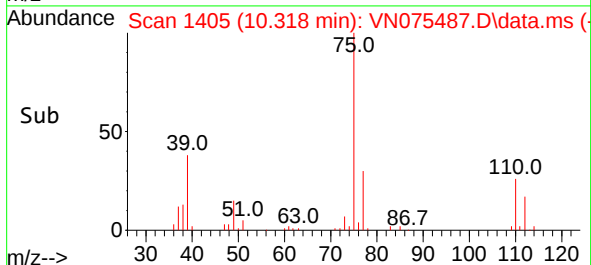
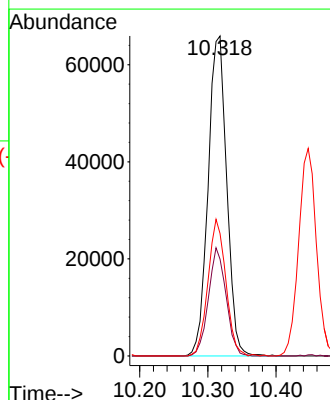
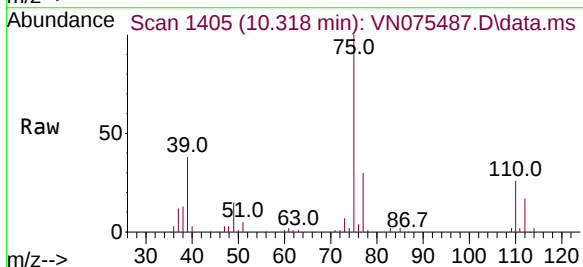
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

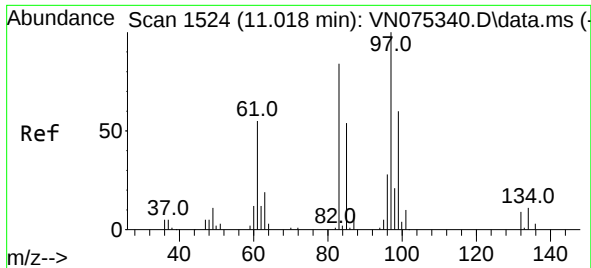
Tgt Ion: 75 Resp: 116753  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 51.194 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 75 Resp: 125303  
Ion Ratio Lower Upper  
75 100  
77 30.2 23.7 35.5  
39 38.3 35.8 53.6

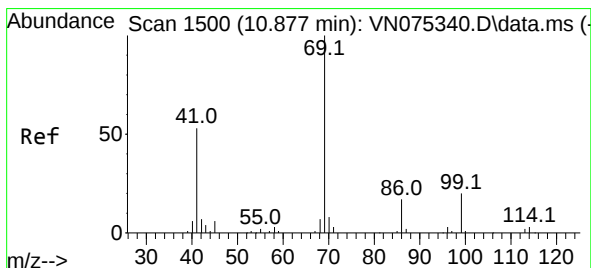
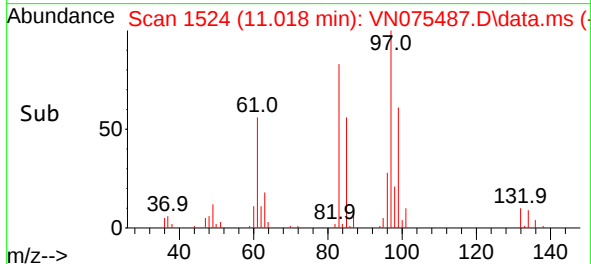
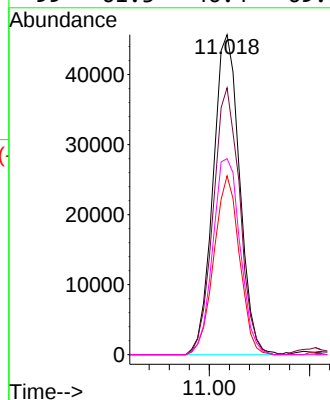
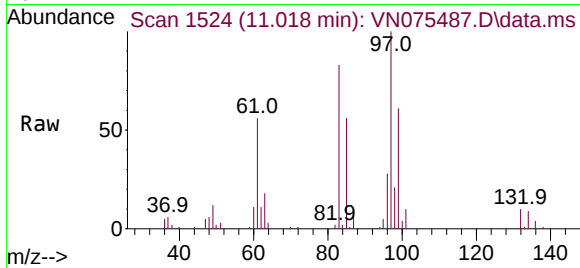




#55  
1,1,2-Trichloroethane  
Concen: 49.650 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

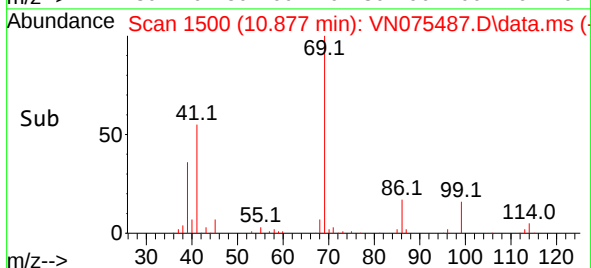
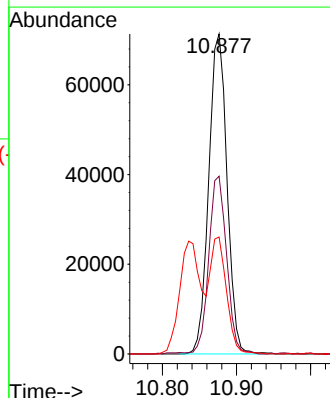
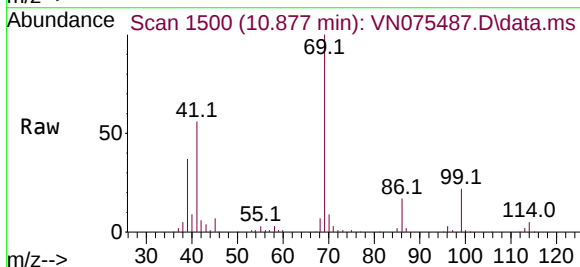
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

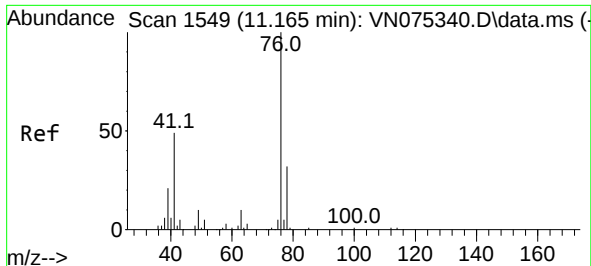
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 83803 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.4  | 65.9  | 98.9  |
| 85       | 55.9  | 40.4  | 60.6  |
| 99       | 61.3  | 46.4  | 69.6  |



#56  
Ethyl methacrylate  
Concen: 53.639 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. -0.001 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 122266 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.9  | 45.6  | 68.4   |
| 39       | 32.1  | 28.5  | 42.7   |





#57

1,3-Dichloropropane

Concen: 49.298 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

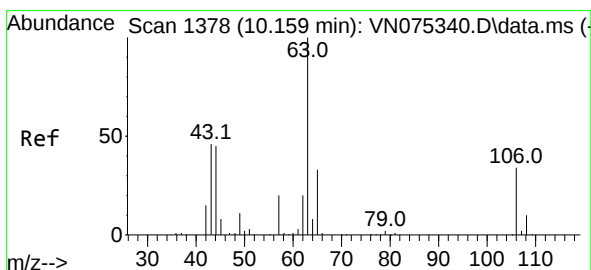
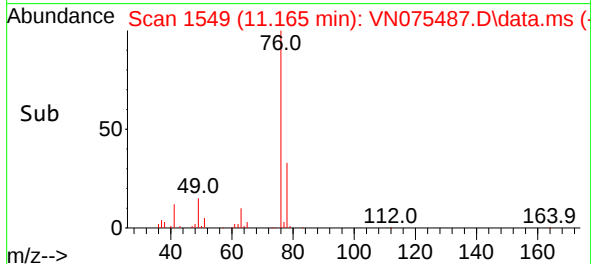
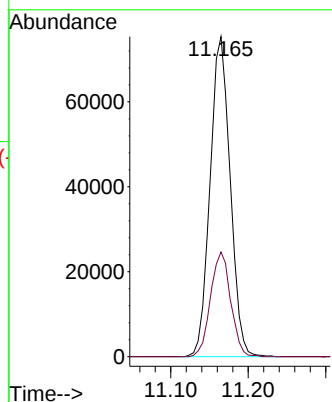
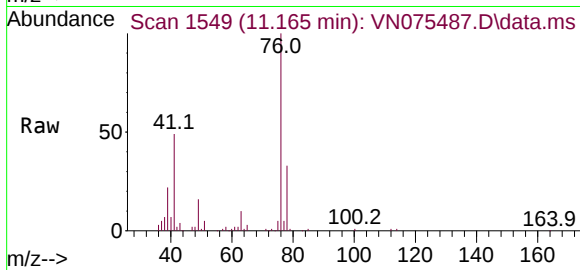
VSTDCCC050EC

Tgt Ion: 76 Resp: 135676

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 266.528 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075487.D

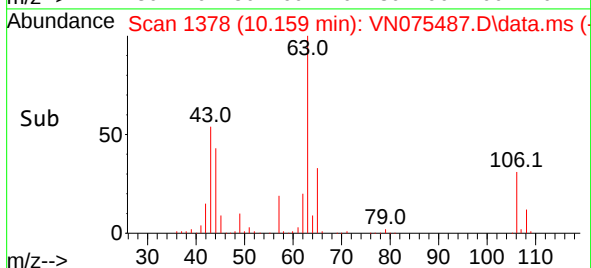
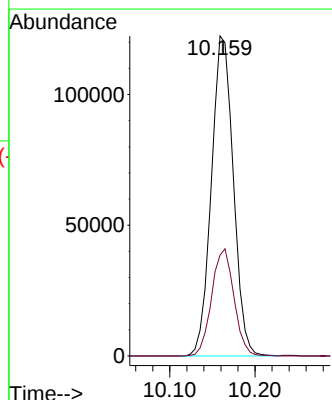
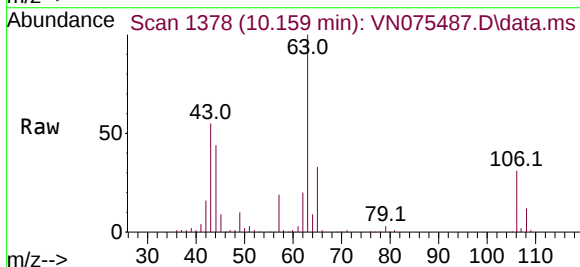
Acq: 29 Nov 2022 19:37

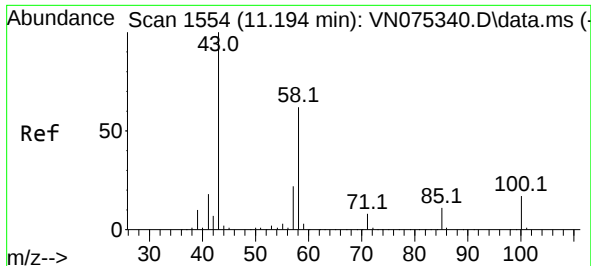
Tgt Ion: 63 Resp: 219110

Ion Ratio Lower Upper

63 100

106 33.9 24.8 37.2

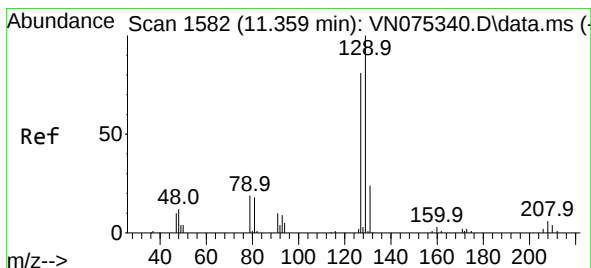
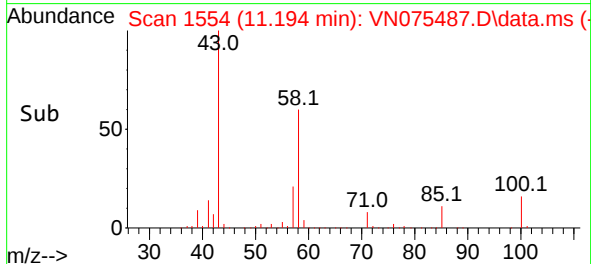
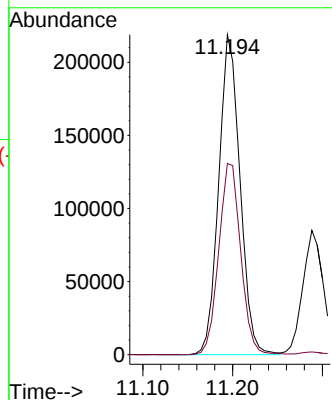
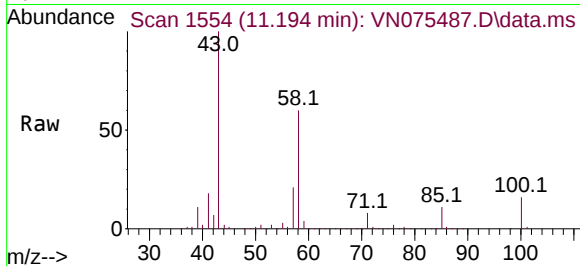




#59  
2-Hexanone  
Concen: 248.267 ug/l  
RT: 11.194 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

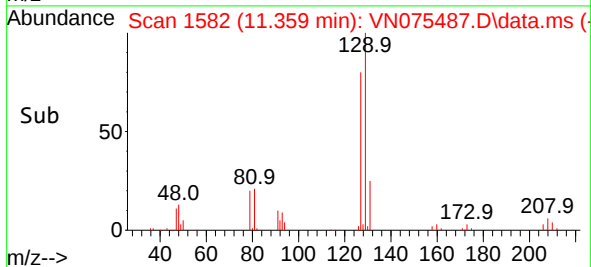
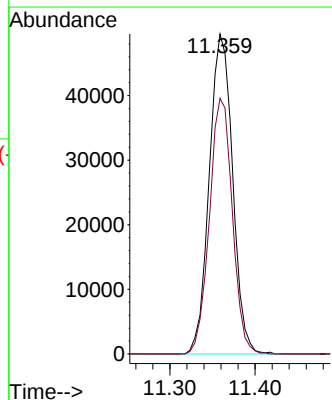
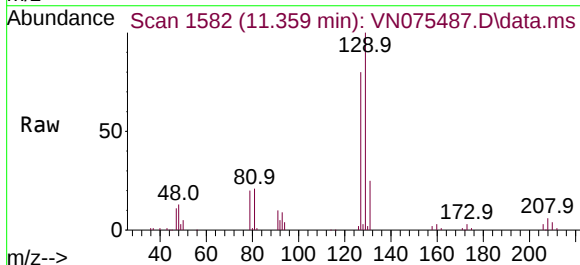
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 360458  
Ion Ratio Lower Upper  
43 100  
58 61.7 29.6 88.8



#60  
Dibromochloromethane  
Concen: 54.340 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 129 Resp: 94144  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.6 115.8

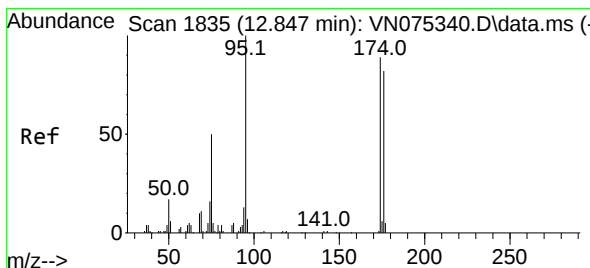
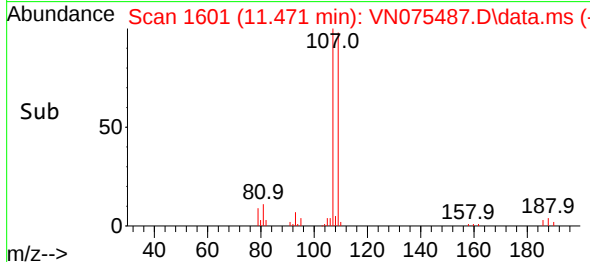
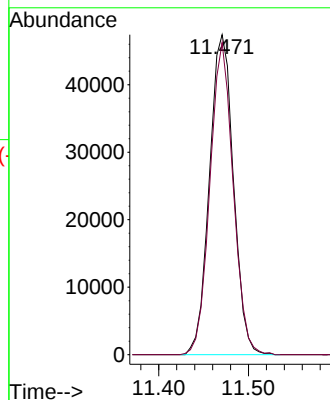
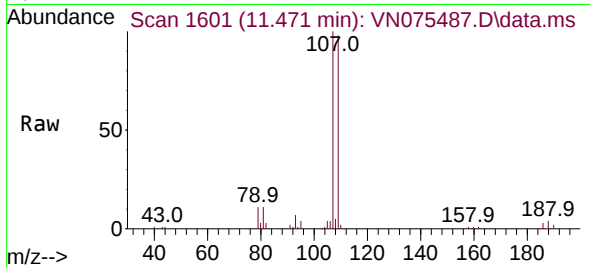




#61  
1,2-Dibromoethane  
Concen: 50.222 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

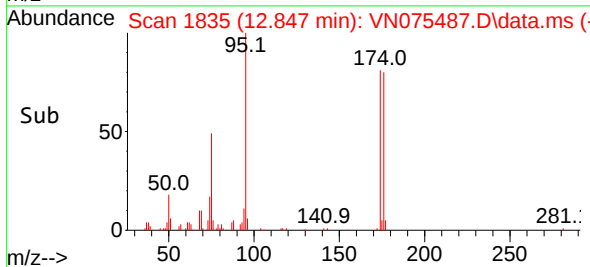
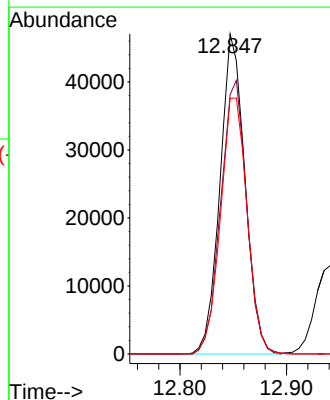
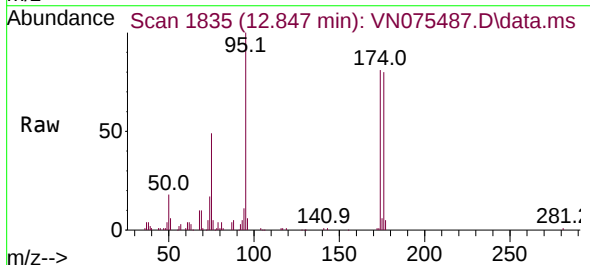
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

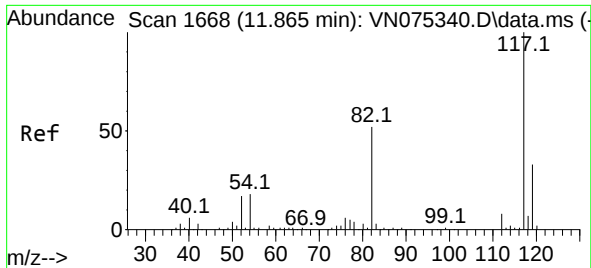
Tgt Ion:107 Resp: 87984  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 47.727 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 95 Resp: 76420  
Ion Ratio Lower Upper  
95 100  
174 88.6 0.0 147.4  
176 85.5 0.0 142.2

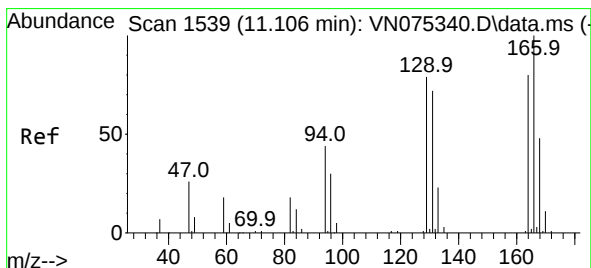
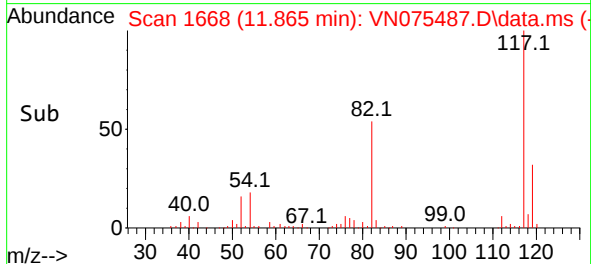
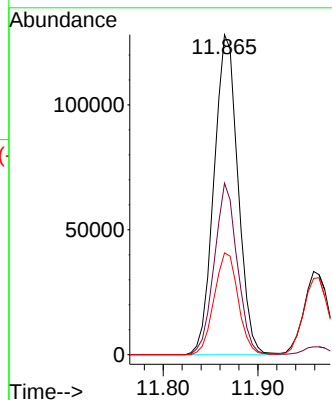
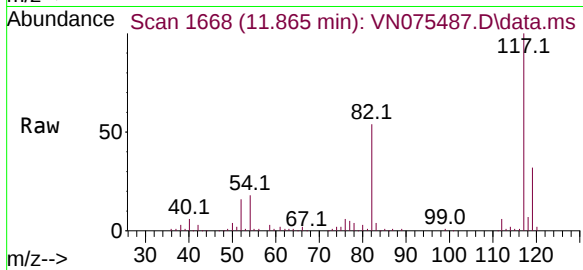




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

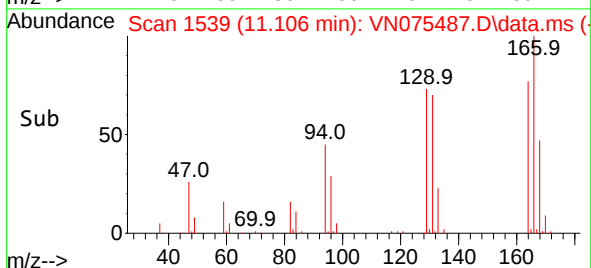
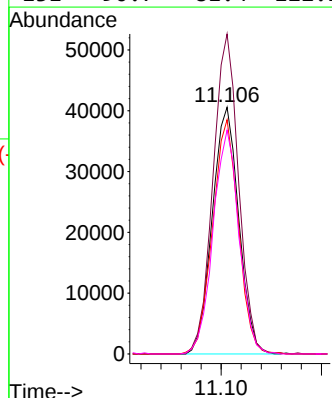
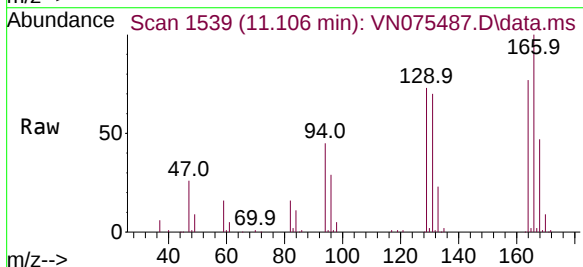
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ClientSampleId :  
VSTDCCC050EC

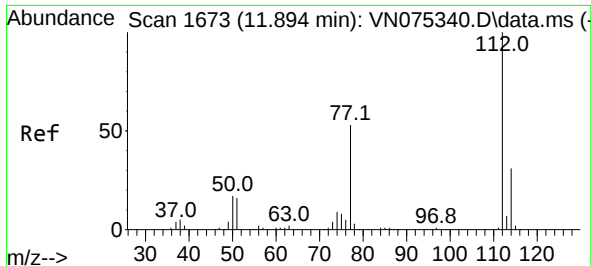
Tgt Ion:117 Resp: 225138  
Ion Ratio Lower Upper  
117 100  
82 53.6 43.1 64.7  
119 31.8 25.5 38.3



#64  
Tetrachloroethene  
Concen: 43.266 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:164 Resp: 74387  
Ion Ratio Lower Upper  
164 100  
166 129.7 106.5 159.7  
129 95.0 81.9 122.9  
131 90.7 81.4 122.2

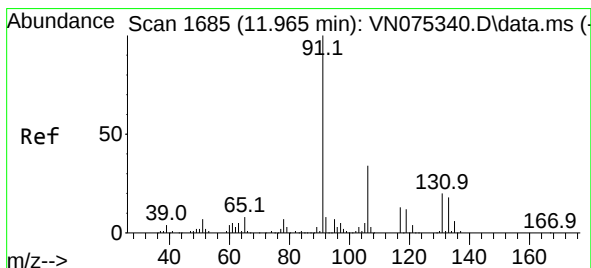
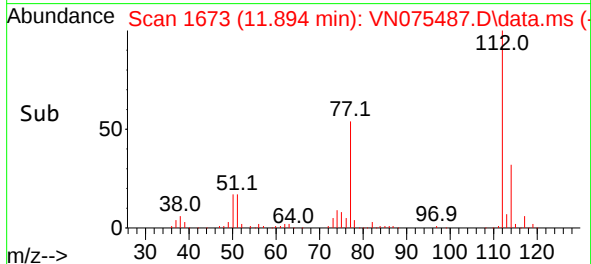
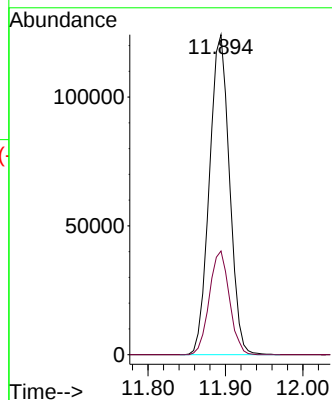
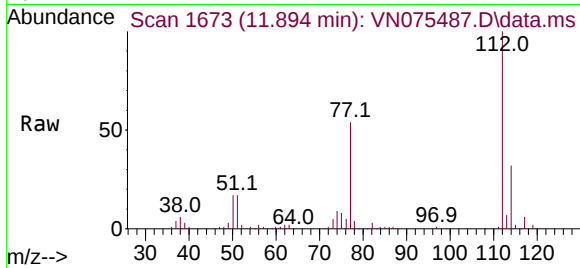




#65  
Chlorobenzene  
Concen: 48.036 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

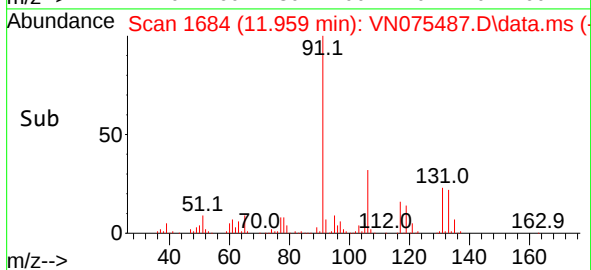
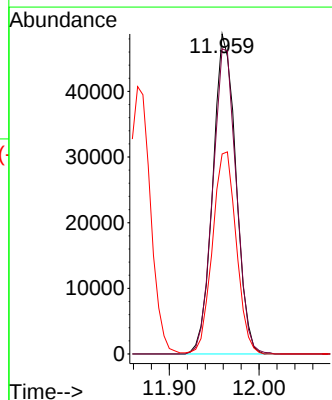
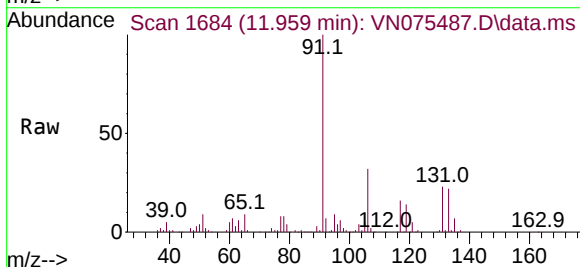
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

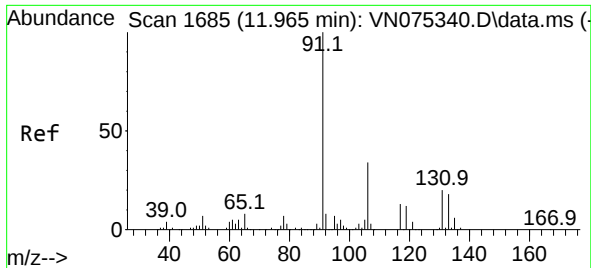
Tgt Ion:112 Resp: 223341  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.025 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:131 Resp: 86808  
Ion Ratio Lower Upper  
131 100  
133 97.5 47.8 143.4  
119 65.3 33.0 99.0

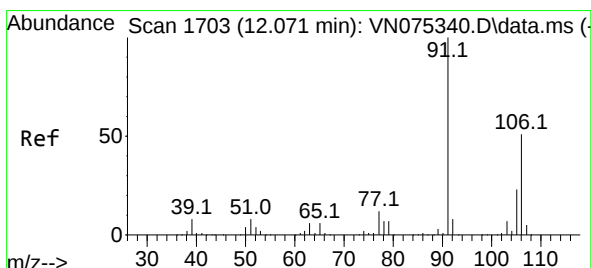
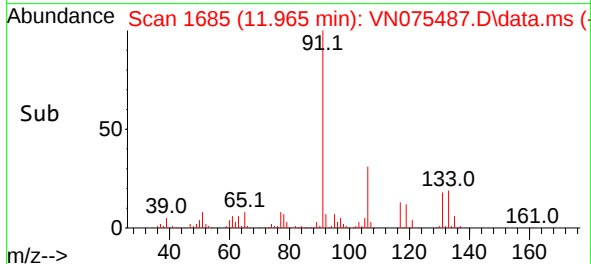
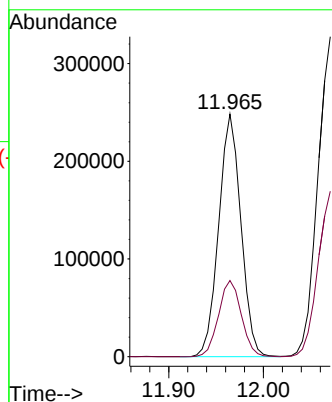
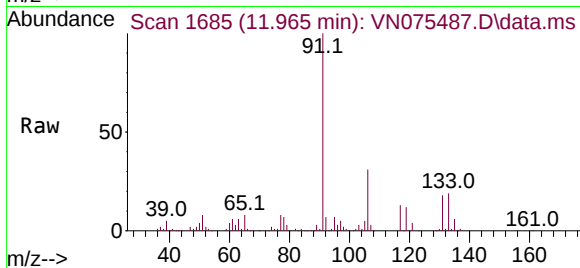




#67  
Ethyl Benzene  
Concen: 51.056 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

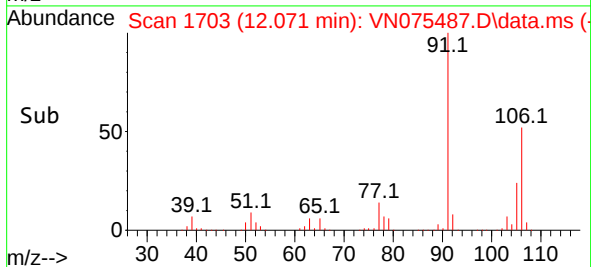
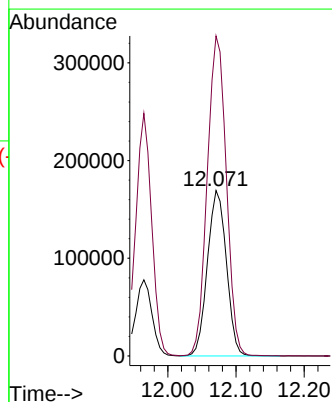
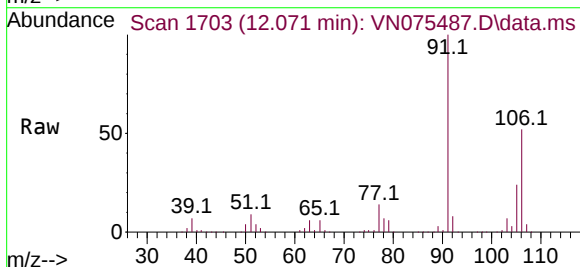
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

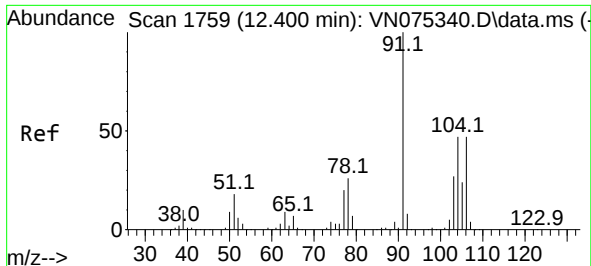
Tgt Ion: 91 Resp: 404990  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.9 37.3



#68  
m/p-Xylenes  
Concen: 101.785 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 106 Resp: 327869  
Ion Ratio Lower Upper  
106 100  
91 194.7 156.0 234.0

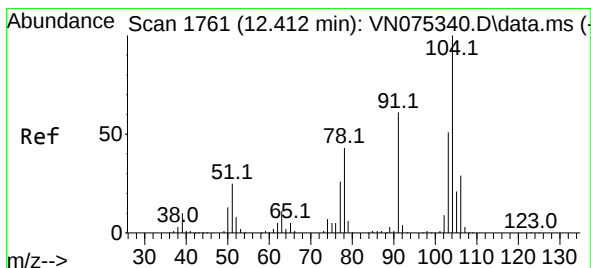
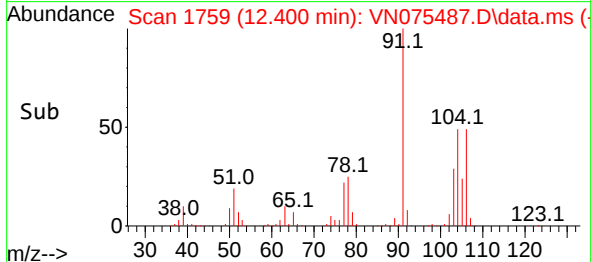
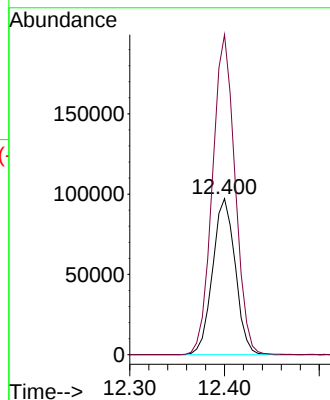
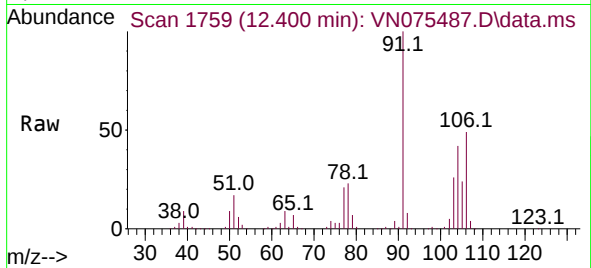




#69  
o-Xylene  
Concen: 50.400 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

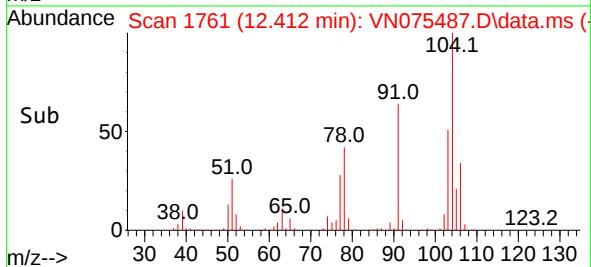
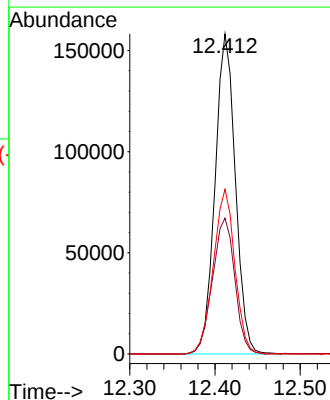
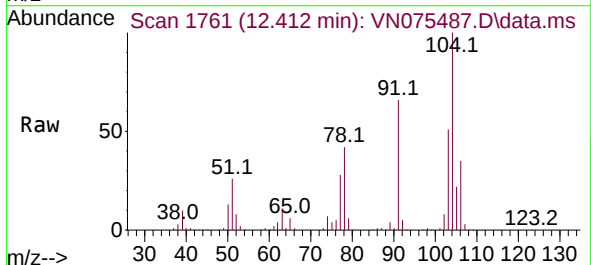
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

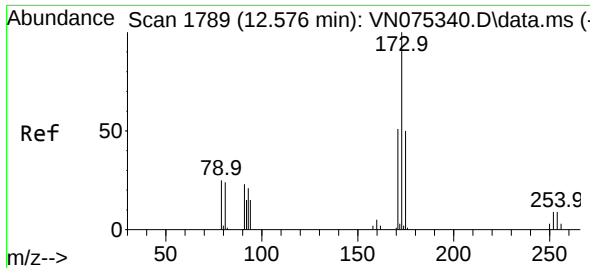
Tgt Ion:106 Resp: 161306  
Ion Ratio Lower Upper  
106 100  
91 204.9 105.2 315.5



#70  
Styrene  
Concen: 51.908 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:104 Resp: 262076  
Ion Ratio Lower Upper  
104 100  
78 46.5 38.1 57.1  
103 54.4 44.6 66.8

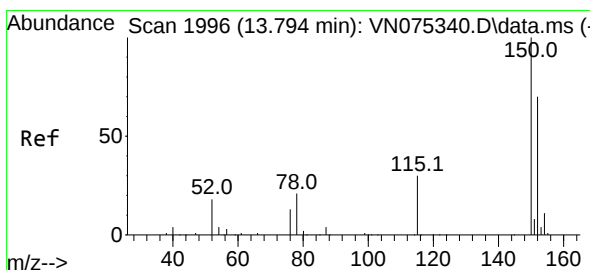
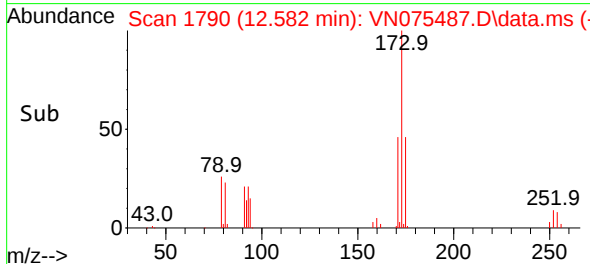
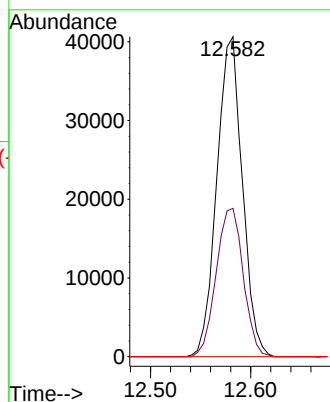
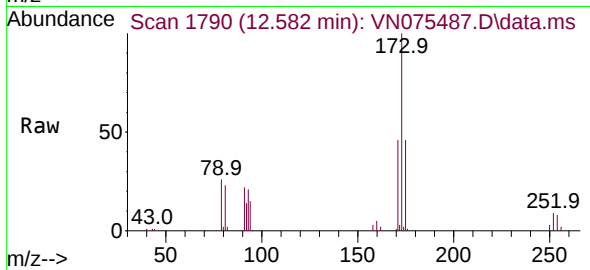




#71  
Bromoform  
Concen: 54.428 ug/l  
RT: 12.582 min Scan# 1789  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

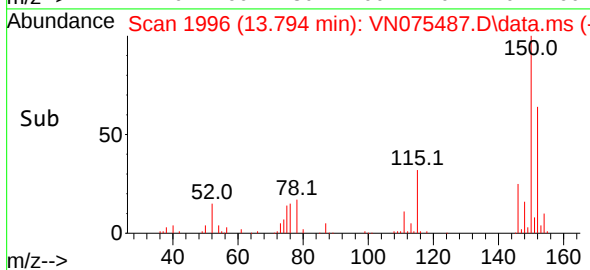
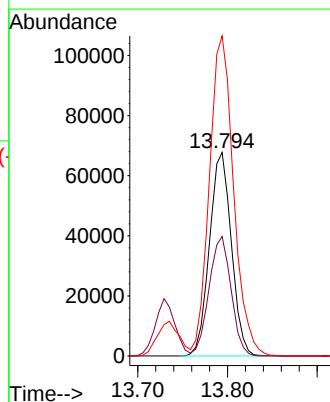
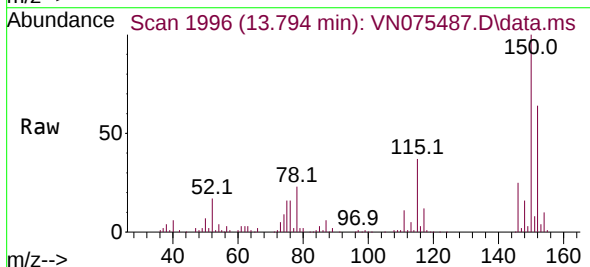
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ClientSampleId :  
VSTDCCC050EC

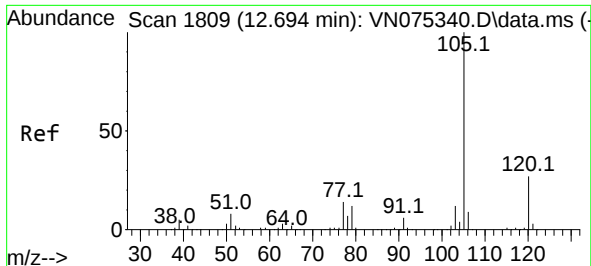
Tgt Ion:173 Resp: 71883  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:152 Resp: 114857  
Ion Ratio Lower Upper  
152 100  
115 58.9 30.2 90.6  
150 173.4 0.0 348.4

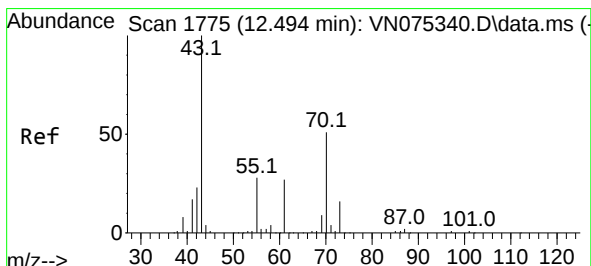
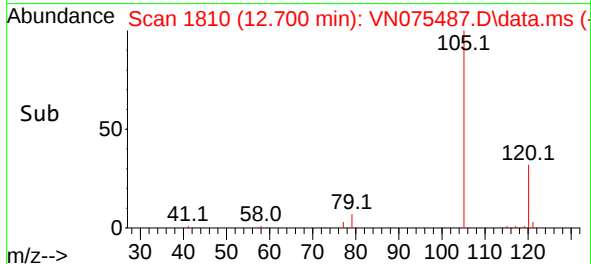
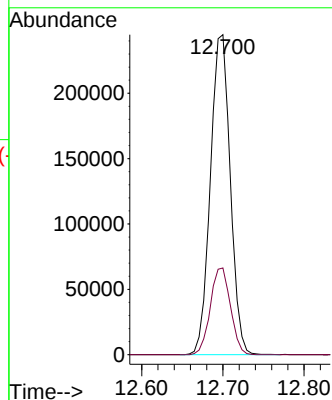
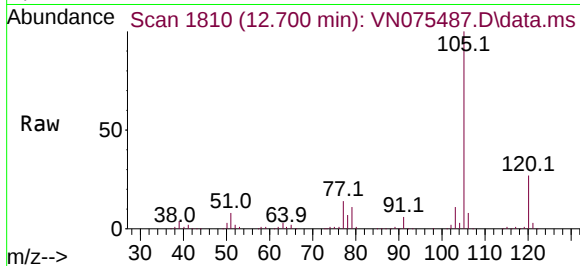




#73  
Isopropylbenzene  
Concen: 49.548 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

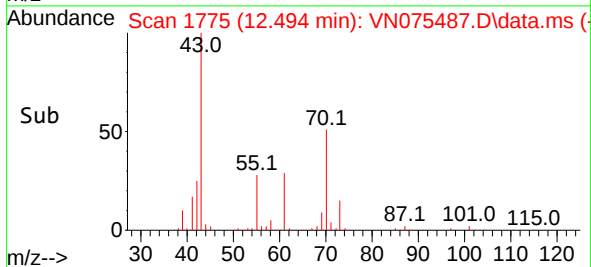
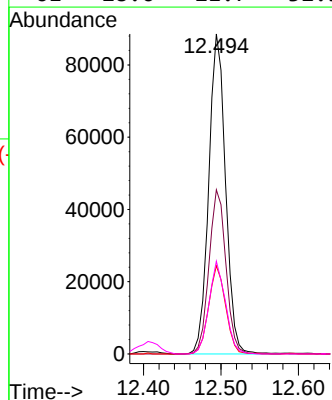
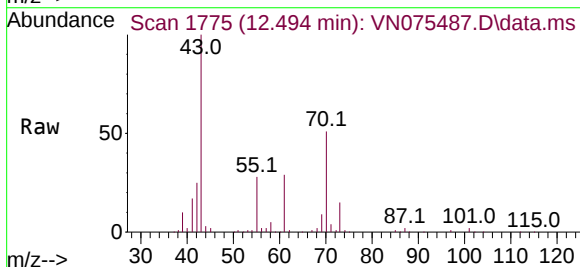
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

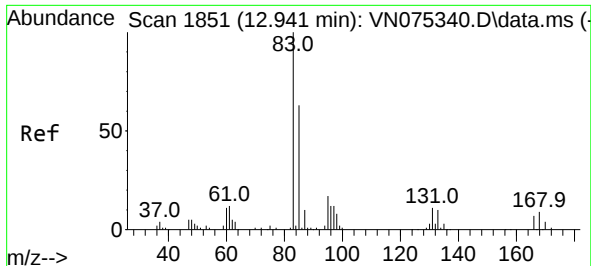
Tgt Ion:105 Resp: 415777  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.1 39.1



#74  
N-ethyl acetate  
Concen: 51.735 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 43 Resp: 133465  
Ion Ratio Lower Upper  
43 100  
70 51.7 39.8 59.8  
55 27.7 19.9 29.9  
61 28.6 21.7 32.5

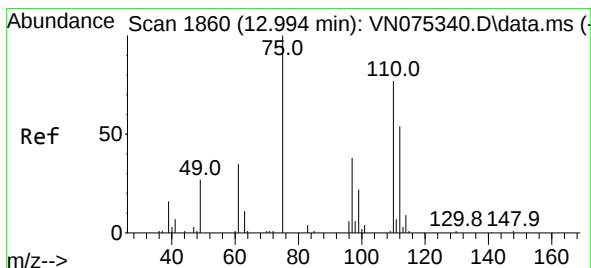
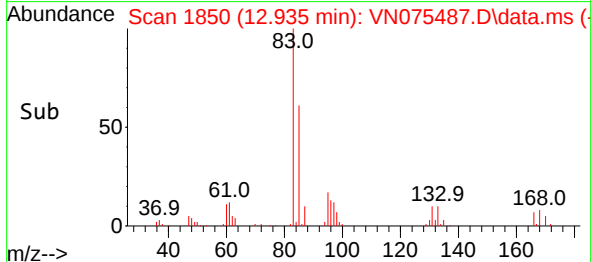
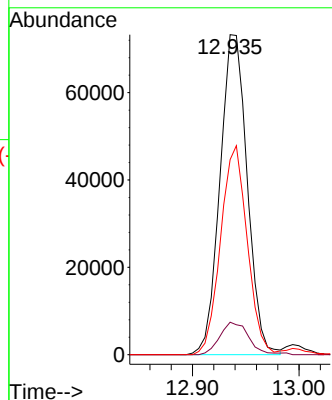
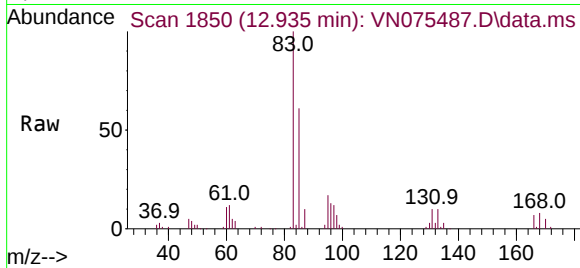




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.930 ug/l  
RT: 12.935 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

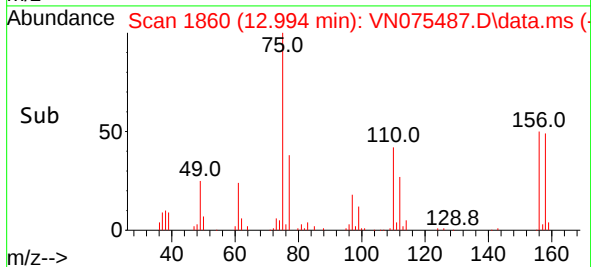
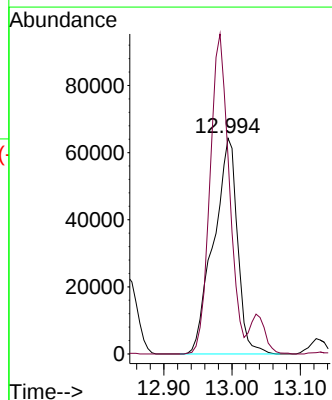
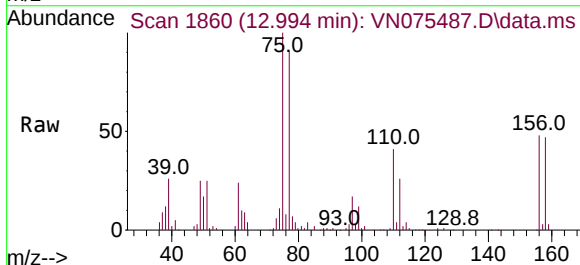
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

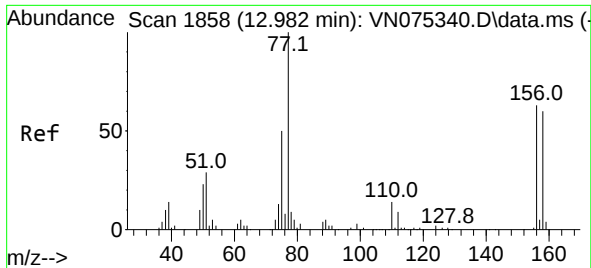
Tgt Ion: 83 Resp: 130297  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.1 15.3  
85 63.9 31.6 94.7



#76  
1,2,3-Trichloropropane  
Concen: 72.247 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 75 Resp: 156895  
Ion Ratio Lower Upper  
75 100  
77 118.7 75.6 226.8

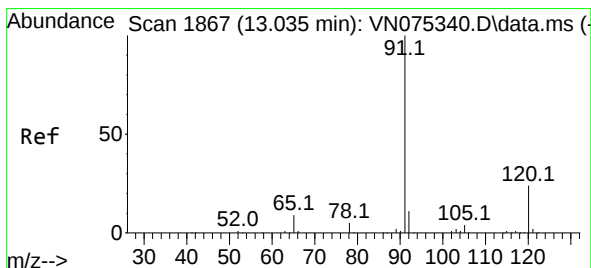
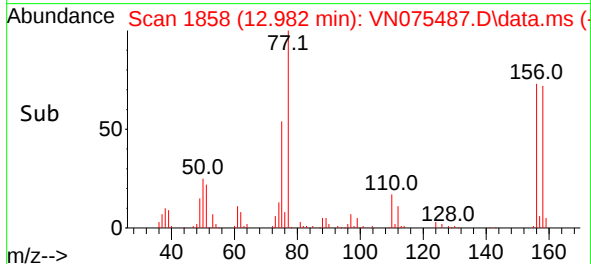
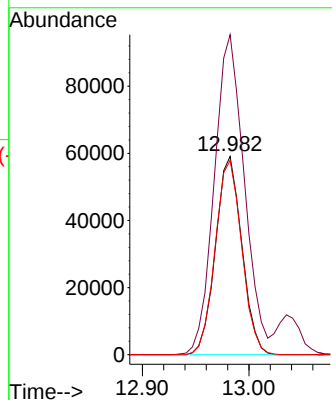
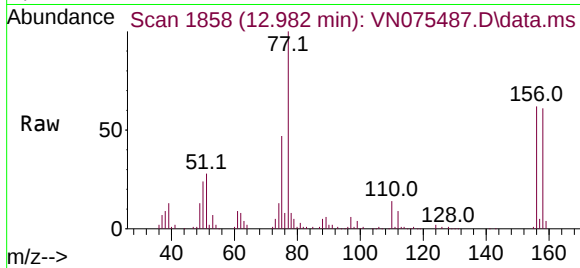




#77  
Bromobenzene  
Concen: 48.847 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

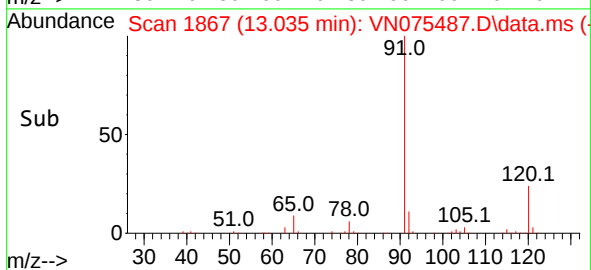
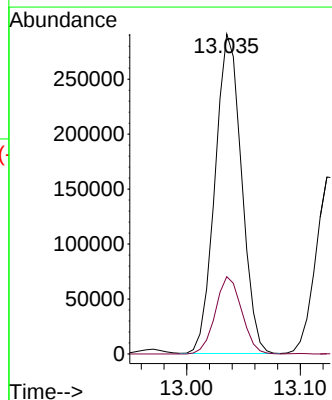
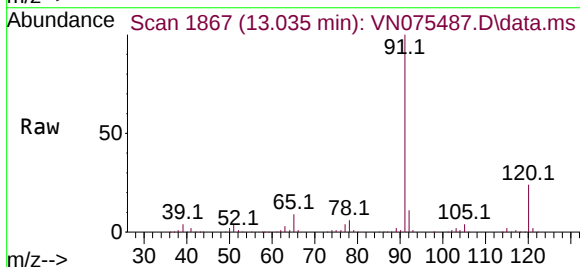
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

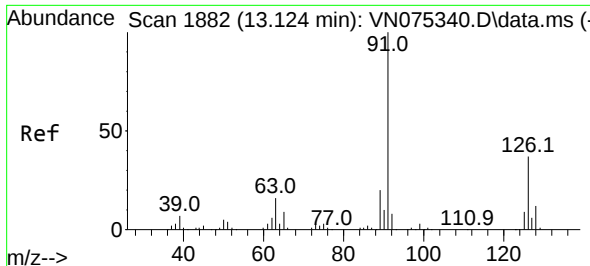
Tgt Ion:156 Resp: 101195  
Ion Ratio Lower Upper  
156 100  
77 184.1 108.5 325.5  
158 99.0 47.7 143.1



#78  
n-propylbenzene  
Concen: 50.334 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 91 Resp: 471369  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.5

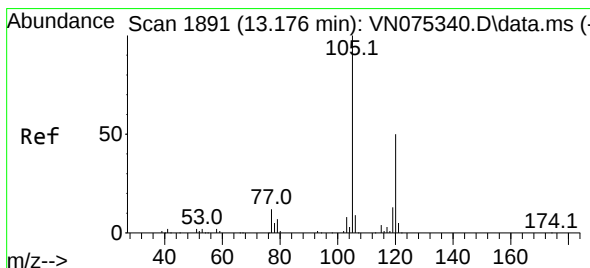
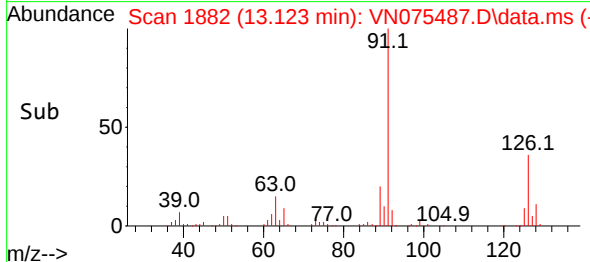
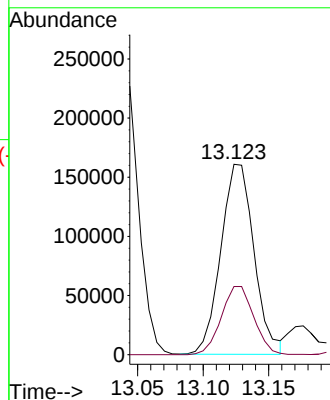
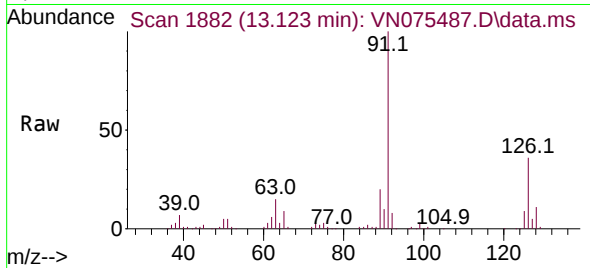




#79  
2-Chlorotoluene  
Concen: 50.178 ug/l  
RT: 13.123 min Scan# 1882  
Delta R.T. -0.001 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

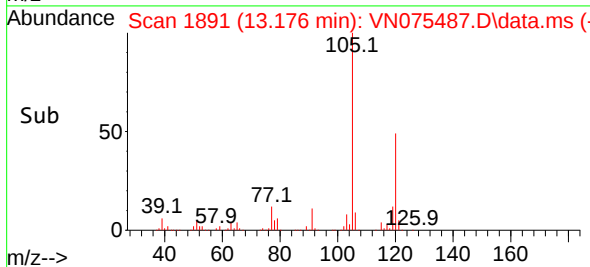
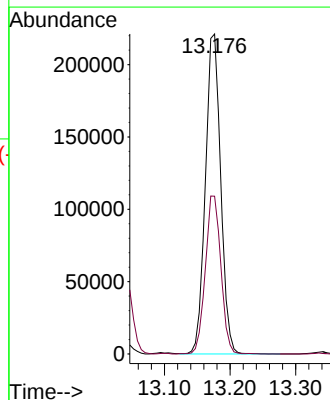
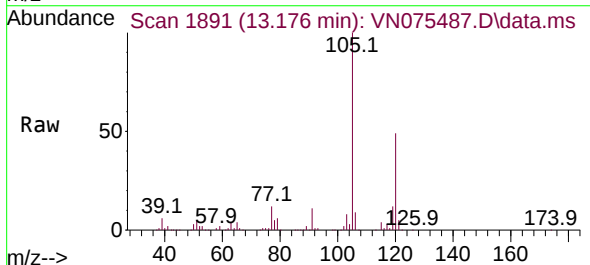
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

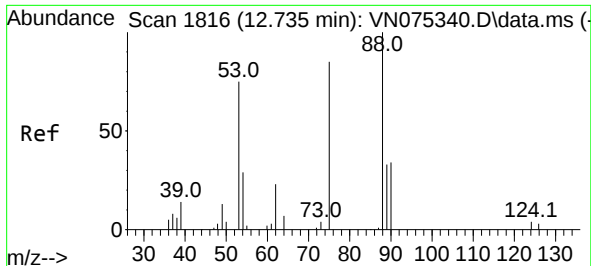
Tgt Ion: 91 Resp: 283129  
Ion Ratio Lower Upper  
91 100  
126 35.2 16.9 50.7



#80  
1,3,5-Trimethylbenzene  
Concen: 51.614 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:105 Resp: 359837  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.7 74.1

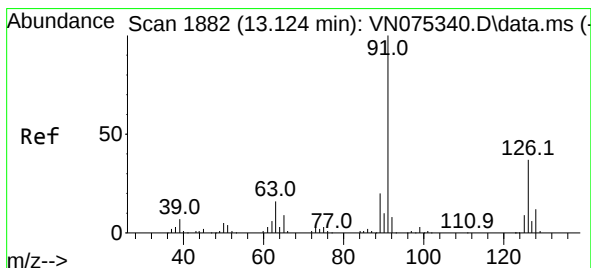
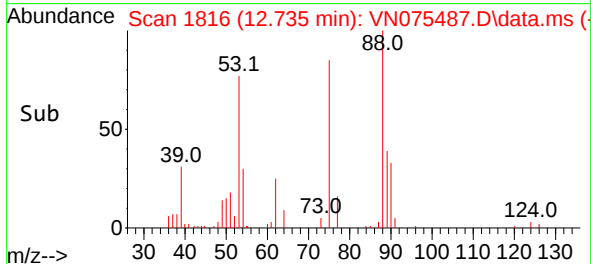
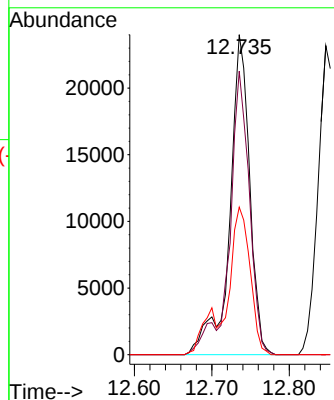
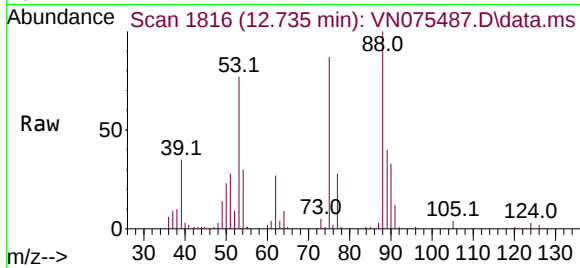




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.858 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

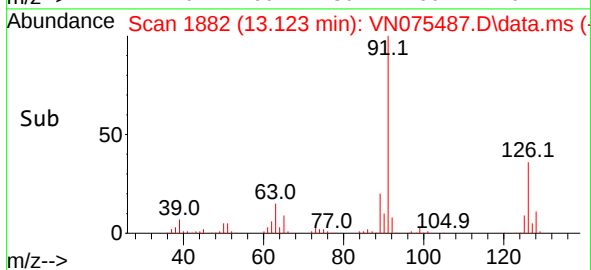
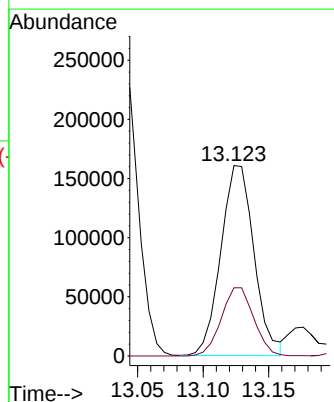
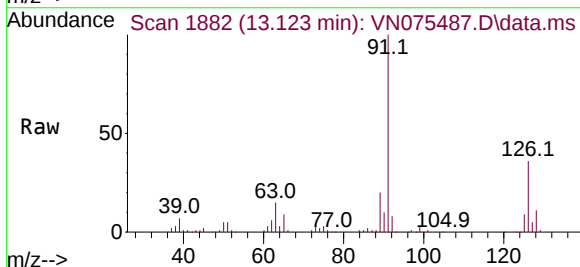
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

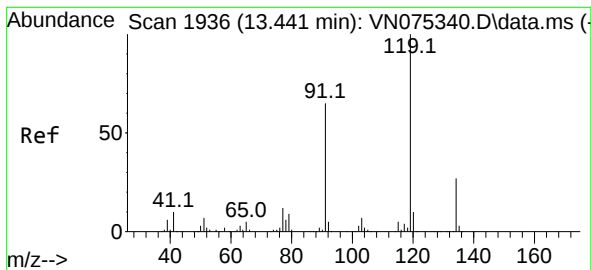
Tgt Ion: 75 Resp: 43200  
Ion Ratio Lower Upper  
75 100  
53 88.0 78.5 117.7  
89 45.5 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 50.178 ug/l  
RT: 13.123 min Scan# 1882  
Delta R.T. -0.001 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 91 Resp: 283129  
Ion Ratio Lower Upper  
91 100  
126 35.2 16.9 50.7





#83

tert-Butylbenzene

Concen: 50.404 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

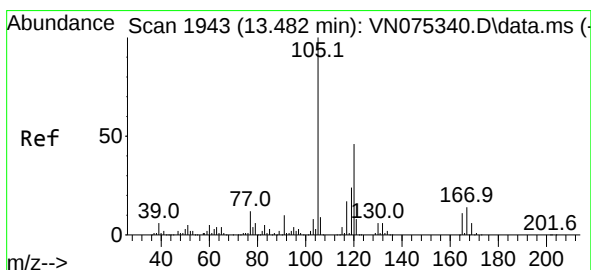
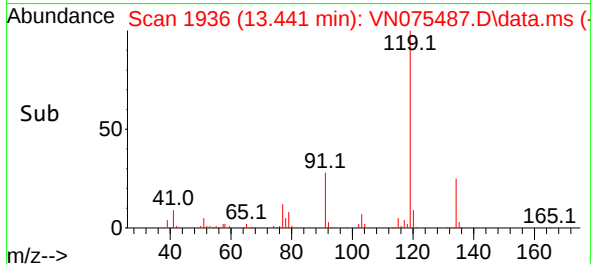
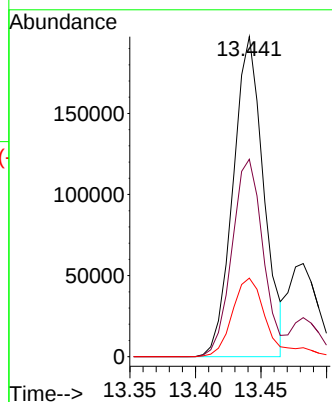
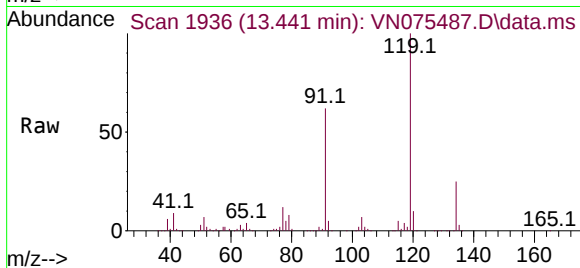
Tgt Ion:119 Resp: 320396

Ion Ratio Lower Upper

119 100

91 63.9 32.8 98.4

134 27.9 12.3 36.9



#84

1,2,4-Trimethylbenzene

Concen: 51.990 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075487.D

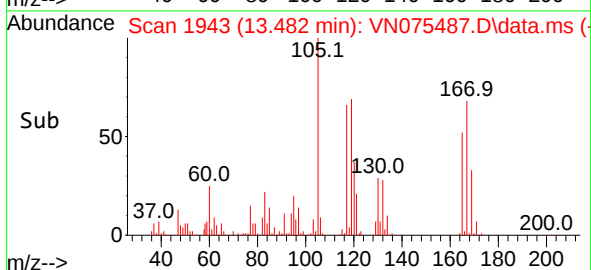
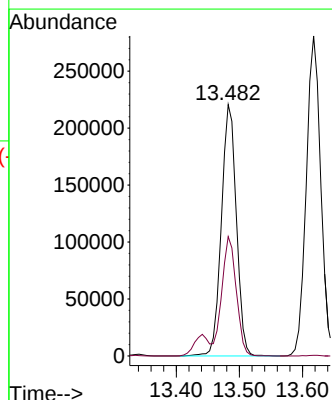
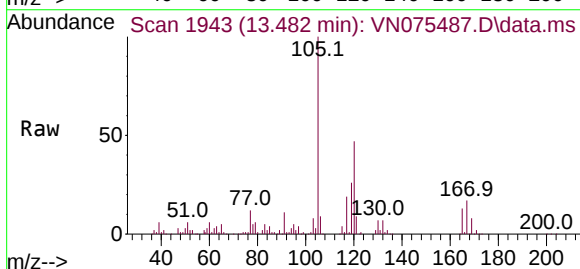
Acq: 29 Nov 2022 19:37

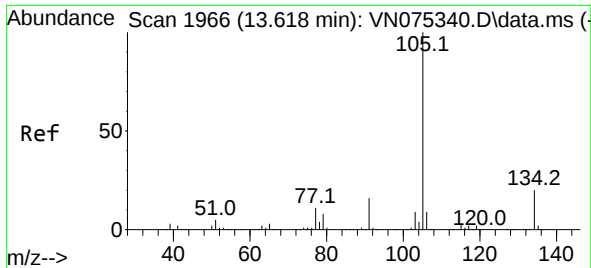
Tgt Ion:105 Resp: 363570

Ion Ratio Lower Upper

105 100

120 46.3 22.7 68.1

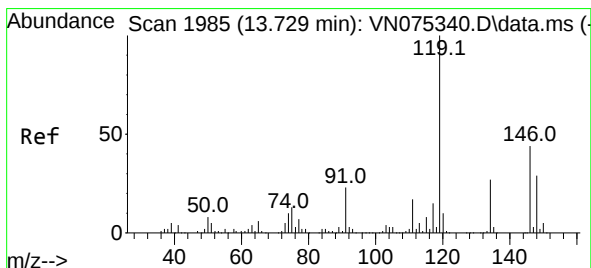
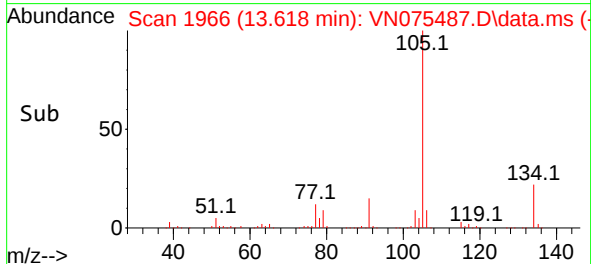
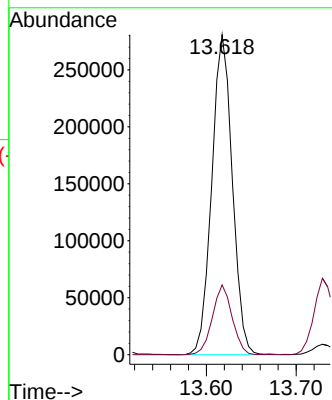
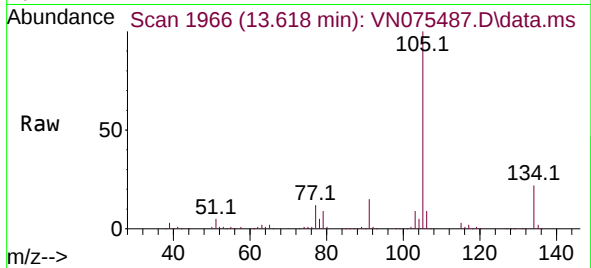




#85  
 sec-Butylbenzene  
 Concen: 51.783 ug/l  
 RT: 13.618 min Scan# 1966  
 Delta R.T. -0.001 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

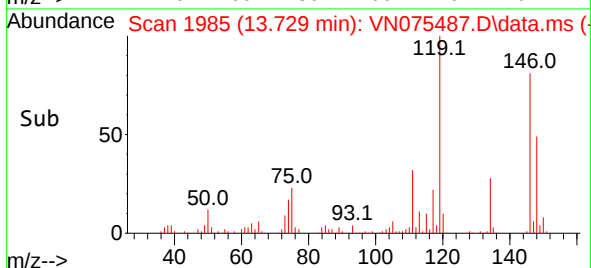
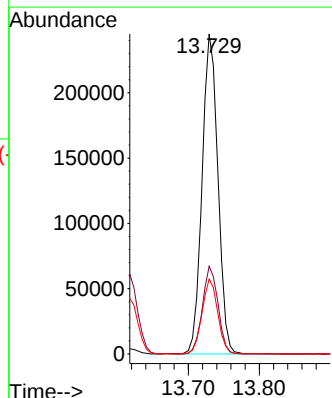
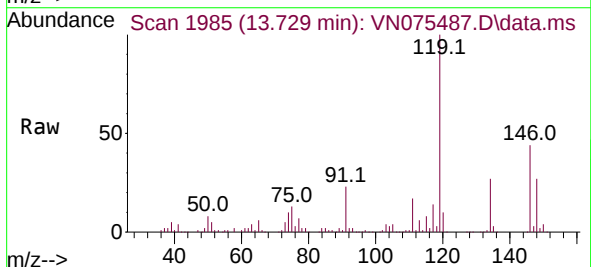
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

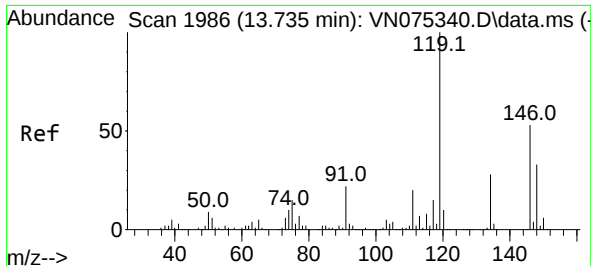
Tgt Ion:105 Resp: 446626  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 52.515 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

Tgt Ion:119 Resp: 381079  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.1 39.3  
 91 23.1 11.9 35.5

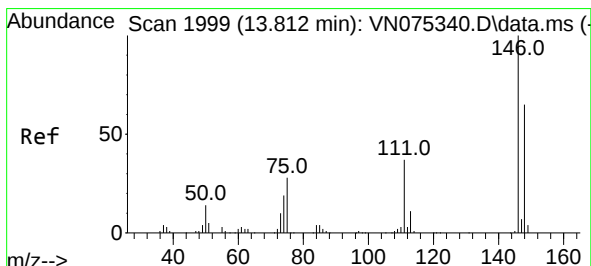
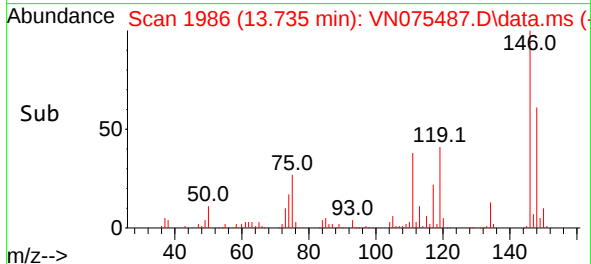
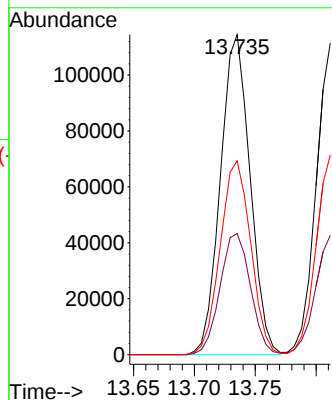
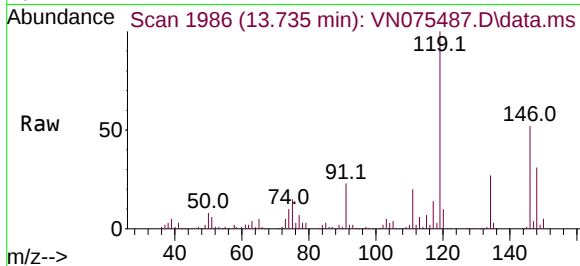




#87  
 1,3-Dichlorobenzene  
 Concen: 49.463 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.000 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

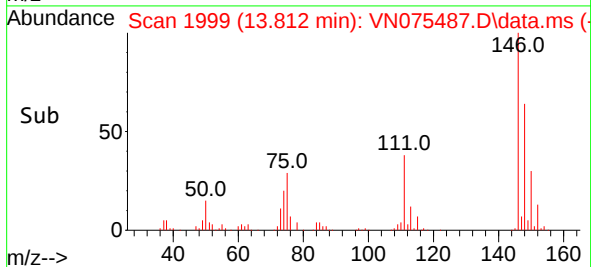
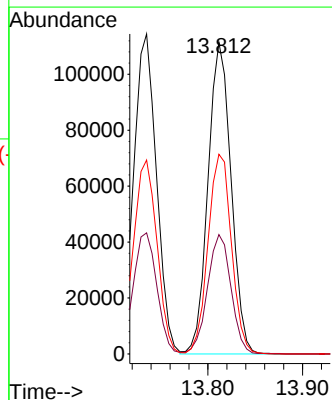
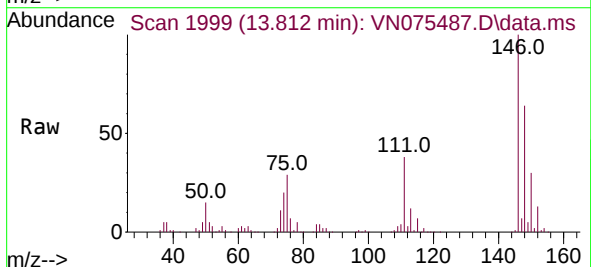
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

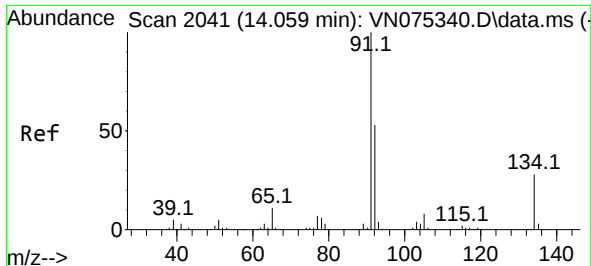
Tgt Ion:146 Resp: 194151  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 20.8 62.5  
 148 62.4 31.1 93.5



#88  
 1,4-Dichlorobenzene  
 Concen: 47.417 ug/l  
 RT: 13.812 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VN075487.D  
 Acq: 29 Nov 2022 19:37

Tgt Ion:146 Resp: 189064  
 Ion Ratio Lower Upper  
 146 100  
 111 39.2 20.1 60.3  
 148 65.2 31.9 95.7





#89

n-Butylbenzene

Concen: 49.619 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

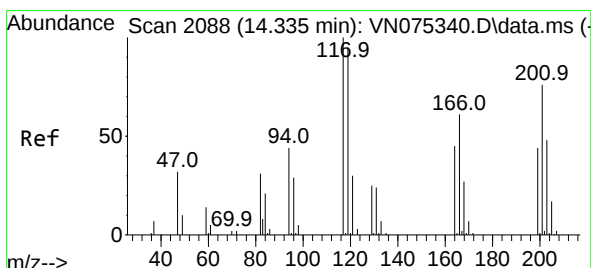
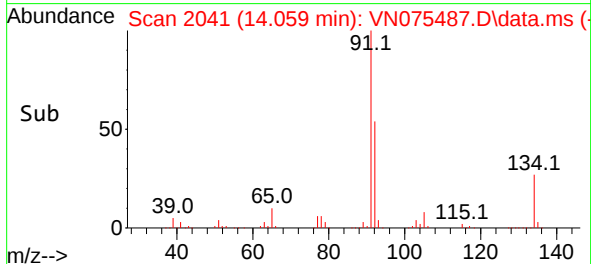
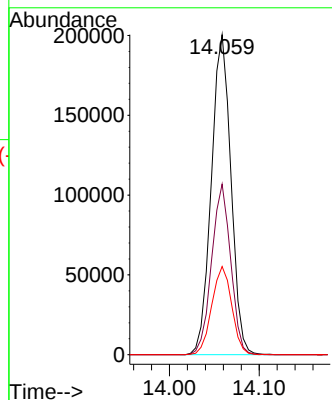
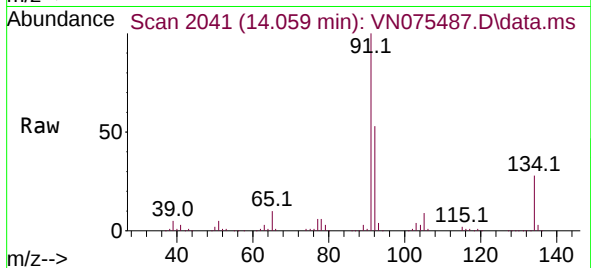
Tgt Ion: 91 Resp: 304107

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.4

134 28.1 13.0 39.0



#90

Hexachloroethane

Concen: 52.385 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075487.D

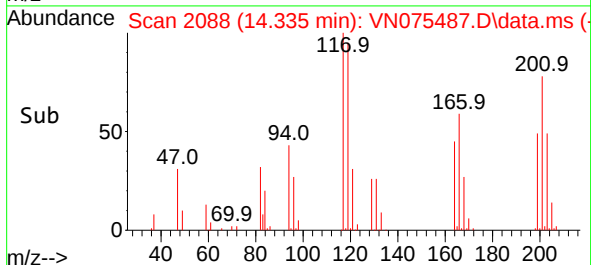
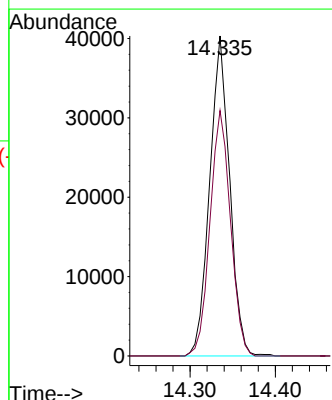
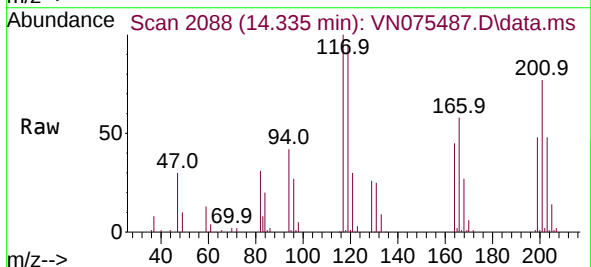
Acq: 29 Nov 2022 19:37

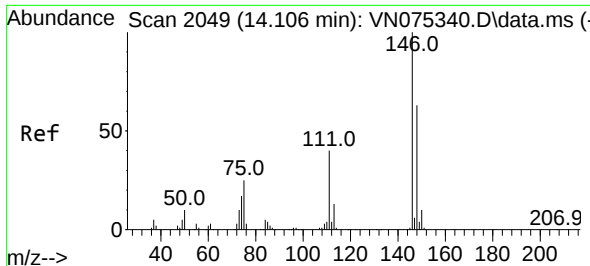
Tgt Ion: 117 Resp: 65578

Ion Ratio Lower Upper

117 100

201 78.7 31.5 94.5

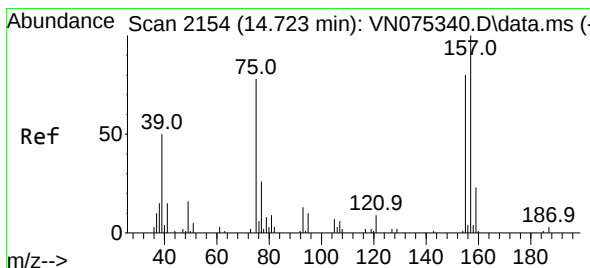
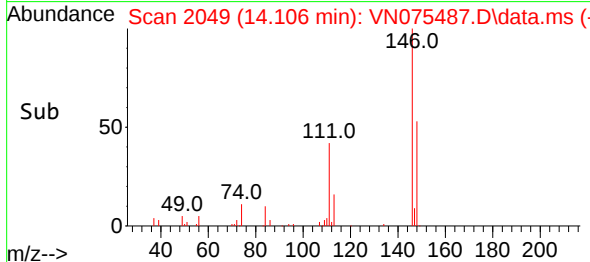
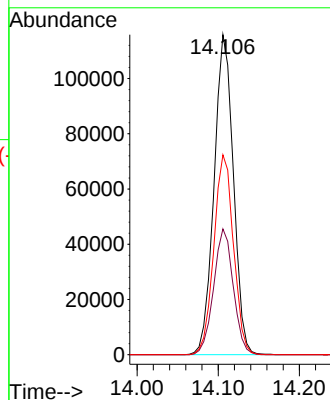
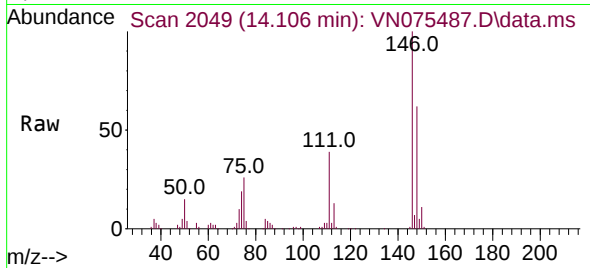




#91  
1,2-Dichlorobenzene  
Concen: 50.132 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

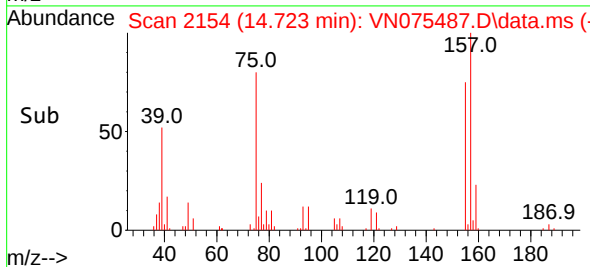
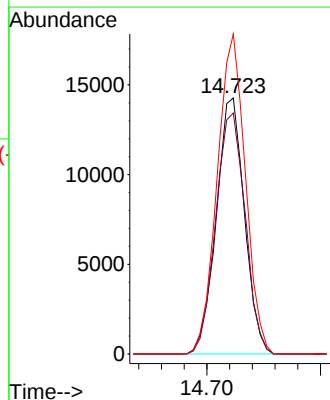
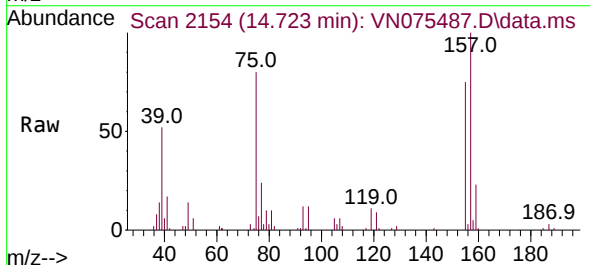
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

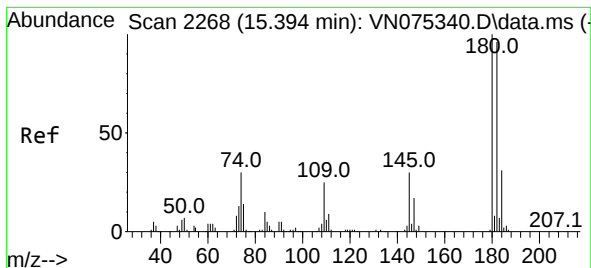
Tgt Ion:146 Resp: 191807  
Ion Ratio Lower Upper  
146 100  
111 39.9 21.3 63.9  
148 63.5 31.4 94.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.571 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion: 75 Resp: 24508  
Ion Ratio Lower Upper  
75 100  
155 98.4 42.1 126.3  
157 125.1 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 48.811 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

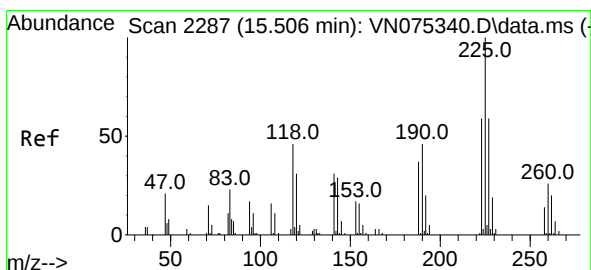
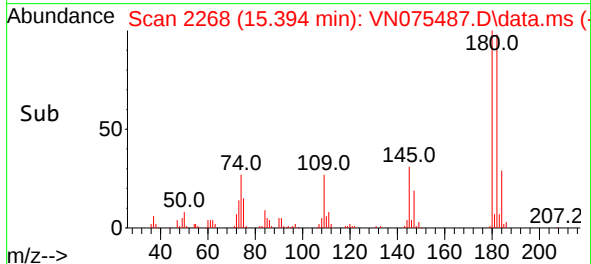
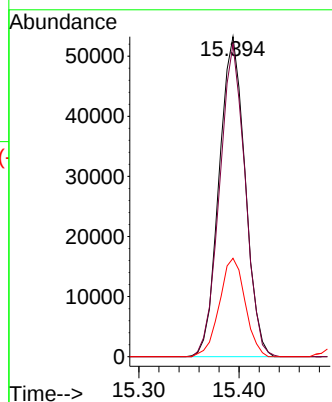
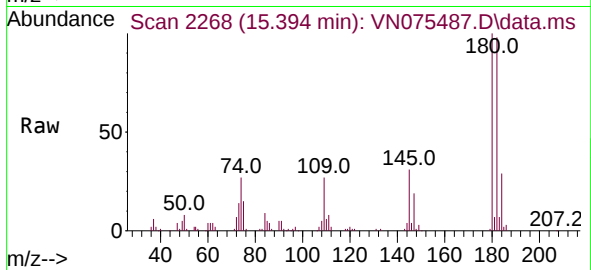
Tgt Ion:180 Resp: 95705

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

145 30.4 16.8 50.3



#94

Hexachlorobutadiene

Concen: 49.751 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075487.D

Acq: 29 Nov 2022 19:37

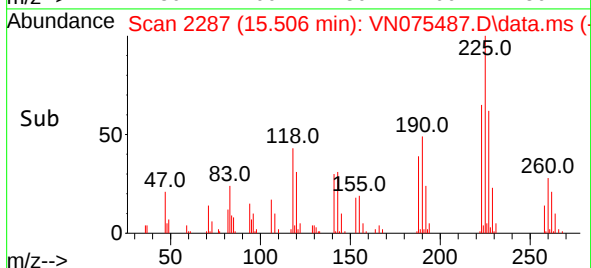
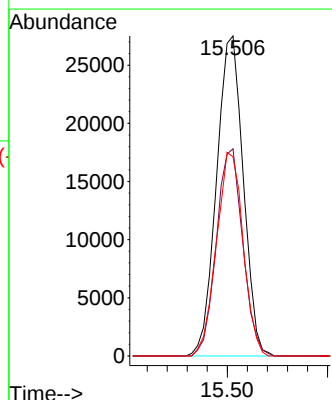
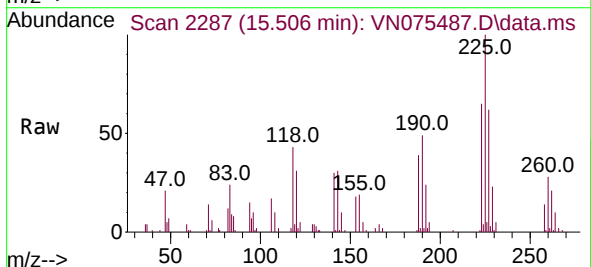
Tgt Ion:225 Resp: 50811

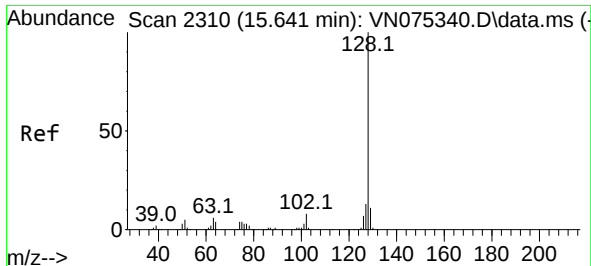
Ion Ratio Lower Upper

225 100

223 63.8 32.3 96.9

227 63.6 32.0 96.2

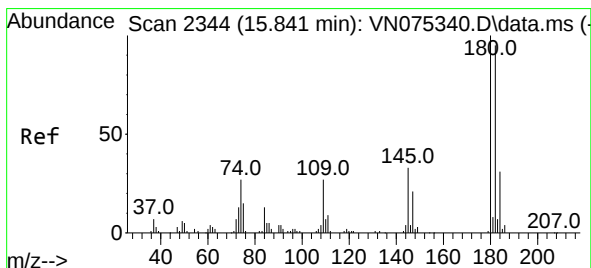
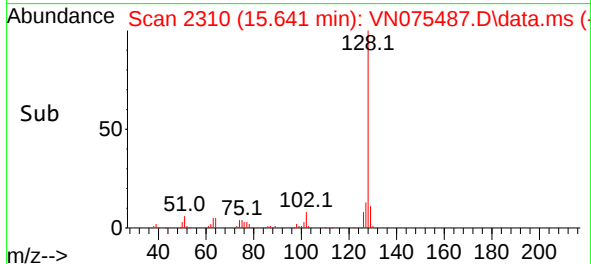
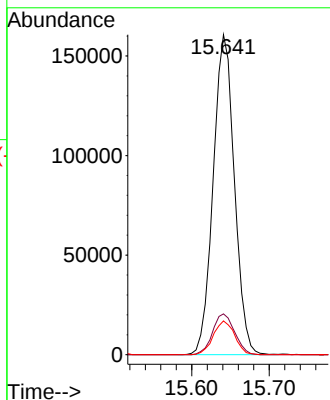
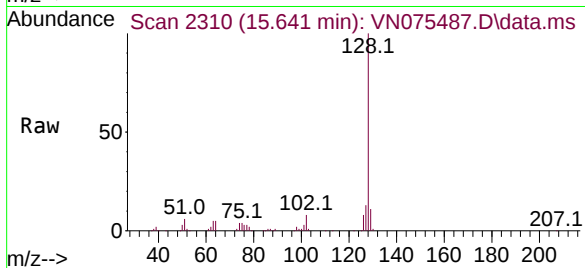




#95  
Naphthalene  
Concen: 49.510 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 305396  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.4 15.6  
129 10.6 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 48.367 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. -0.000 min  
Lab File: VN075487.D  
Acq: 29 Nov 2022 19:37

Tgt Ion:180 Resp: 93207  
Ion Ratio Lower Upper  
180 100  
182 97.6 47.3 141.8  
145 32.4 17.6 52.9

