

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061923\  
 Data File : VD076467.D  
 Acq On : 19 Jun 2023 13:41  
 Operator : KP/SY  
 Sample : VD0619SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBS01

Quant Time: Jun 20 05:24:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061623S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 19 04:51:45 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.875  | 168  | 162293   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 273936   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 249065   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.516 | 152  | 122671   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 70558    | 43.393   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 86.780% |
| 35) Dibromofluoromethane    | 7.804  | 113   | 75104    | 46.151   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 92.300% |
| 50) Toluene-d8              | 10.269 | 98    | 275203   | 44.591   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 89.180% |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 88327    | 44.098   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 88.200% |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.928 | 85  | 27187  | 22.046  | ug/l   | 98 |
| 3) Chloromethane             | 2.146 | 50  | 50526  | 19.700  | ug/l   | 92 |
| 4) Vinyl Chloride            | 2.275 | 62  | 57220  | 20.000  | ug/l   | 99 |
| 5) Bromomethane              | 2.669 | 94  | 37507  | 20.162  | ug/l   | 96 |
| 6) Chloroethane              | 2.822 | 64  | 40123  | 20.461  | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.163 | 101 | 47984  | 20.380  | ug/l   | 95 |
| 8) Diethyl Ether             | 3.581 | 74  | 18192  | 20.530  | ug/l   | 71 |
| 9) 1,1,2-Trichlorotrifluo... | 3.963 | 101 | 33230  | 21.915  | ug/l   | 98 |
| 10) Methyl Iodide            | 4.158 | 142 | 36480  | 20.293  | ug/l   | 93 |
| 11) Tert butyl alcohol       | 5.057 | 59  | 13692  | 97.527  | ug/l # | 89 |
| 12) 1,1-Dichloroethene       | 3.928 | 96  | 29766  | 20.044  | ug/l   | 85 |
| 13) Acrolein                 | 3.787 | 56  | 15715  | 103.923 | ug/l   | 97 |
| 14) Allyl chloride           | 4.552 | 41  | 54111  | 19.924  | ug/l # | 86 |
| 15) Acrylonitrile            | 5.246 | 53  | 44285  | 97.191  | ug/l   | 95 |
| 16) Acetone                  | 4.016 | 43  | 34300  | 88.645  | ug/l # | 80 |
| 17) Carbon Disulfide         | 4.263 | 76  | 75948  | 18.718  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.563 | 43  | 36830  | 20.654  | ug/l # | 81 |
| 19) Methyl tert-butyl Ether  | 5.316 | 73  | 80681  | 19.862  | ug/l   | 97 |
| 20) Methylene Chloride       | 4.793 | 84  | 38531  | 11.837  | ug/l # | 76 |
| 21) trans-1,2-Dichloroethene | 5.305 | 96  | 34129  | 19.884  | ug/l   | 88 |
| 22) Diisopropyl ether        | 6.216 | 45  | 115090 | 19.598  | ug/l # | 89 |
| 23) Vinyl Acetate            | 6.152 | 43  | 287824 | 98.880  | ug/l # | 85 |
| 24) 1,1-Dichloroethane       | 6.110 | 63  | 66531  | 20.288  | ug/l   | 96 |
| 25) 2-Butanone               | 7.081 | 43  | 56616  | 94.601  | ug/l # | 80 |
| 26) 2,2-Dichloropropane      | 7.069 | 77  | 51697  | 18.285  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 7.075 | 96  | 39664  | 19.094  | ug/l   | 86 |
| 28) Bromochloromethane       | 7.422 | 49  | 21546  | 21.652  | ug/l # | 74 |
| 29) Tetrahydrofuran          | 7.440 | 42  | 39039  | 101.504 | ug/l # | 78 |
| 30) Chloroform               | 7.593 | 83  | 64329  | 19.812  | ug/l   | 96 |
| 31) Cyclohexane              | 7.869 | 56  | 54537  | 20.846  | ug/l # | 83 |
| 32) 1,1,1-Trichloroethane    | 7.787 | 97  | 53204  | 20.270  | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 8.004 | 75  | 47291  | 20.751  | ug/l   | 96 |
| 37) Ethyl Acetate            | 7.169 | 43  | 28226  | 21.374  | ug/l # | 92 |
| 38) Carbon Tetrachloride     | 7.987 | 117 | 41909  | 20.575  | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.275 | 83  | 55367  | 20.703  | ug/l # | 87 |
| 40) Benzene                  | 8.246 | 78  | 143741 | 20.683  | ug/l   | 97 |

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 Sample : VD0619SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBS01

Quant Time: Jun 20 05:24:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061623S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 19 04:51:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.393  | 41   | 15771    | 21.149  | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 39191    | 20.870  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.357  | 43   | 52497    | 20.998  | ug/l # | 84       |
| 44) Trichloroethene           | 9.022  | 130  | 36244    | 19.333  | ug/l   | 83       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 39019    | 20.708  | ug/l   | 97       |
| 46) Dibromomethane            | 9.387  | 93   | 20786    | 20.592  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.581  | 83   | 48635    | 20.134  | ug/l # | 91       |
| 48) Methyl methacrylate       | 9.381  | 41   | 23187    | 20.235  | ug/l # | 73       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 5179     | 428.224 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 134781   | 105.464 | ug/l   | 86       |
| 52) Toluene                   | 10.328 | 92   | 90726    | 20.804  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 51375    | 20.960  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 61030    | 21.001  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 28998    | 20.538  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.592 | 69   | 38251    | 20.748  | ug/l # | 70       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 48477    | 20.053  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 85493    | 109.381 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.922 | 43   | 92041    | 103.537 | ug/l   | 80       |
| 60) Dibromochloromethane      | 11.075 | 129  | 33358    | 20.301  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 28062    | 21.172  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.810 | 164  | 32111    | 21.478  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.604 | 112  | 99085    | 20.940  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 35860    | 21.191  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.681 | 91   | 169682   | 20.238  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.792 | 106  | 133945   | 40.926  | ug/l   | 92       |
| 69) o-Xylene                  | 12.116 | 106  | 62614    | 20.098  | ug/l   | 89       |
| 70) Styrene                   | 12.134 | 104  | 107192   | 19.918  | ug/l   | 93       |
| 71) Bromoform                 | 12.298 | 173  | 21068    | 20.735  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.422 | 105  | 165873   | 20.084  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.234 | 43   | 48300    | 19.976  | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 36272    | 21.283  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 42125    | 34.600  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 39183    | 19.230  | ug/l   | 85       |
| 78) n-propylbenzene           | 12.763 | 91   | 203345   | 19.940  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 110091   | 19.659  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 138655   | 20.557  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 10672    | 19.208  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 115425   | 19.847  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 119428   | 19.928  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 136075   | 20.020  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 184062   | 20.696  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 150229   | 20.216  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 80668    | 20.155  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 79874    | 20.010  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.786 | 91   | 142122   | 19.608  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.051 | 117  | 28240    | 20.592  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 70286    | 20.096  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 5331     | 20.781  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 46163    | 19.805  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 23993    | 21.172  | ug/l   | 99       |
| 95) Naphthalene               | 15.328 | 128  | 93378    | 20.034  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 44087    | 21.709  | ug/l   | 96       |

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Sample : VD0619SBSD01  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

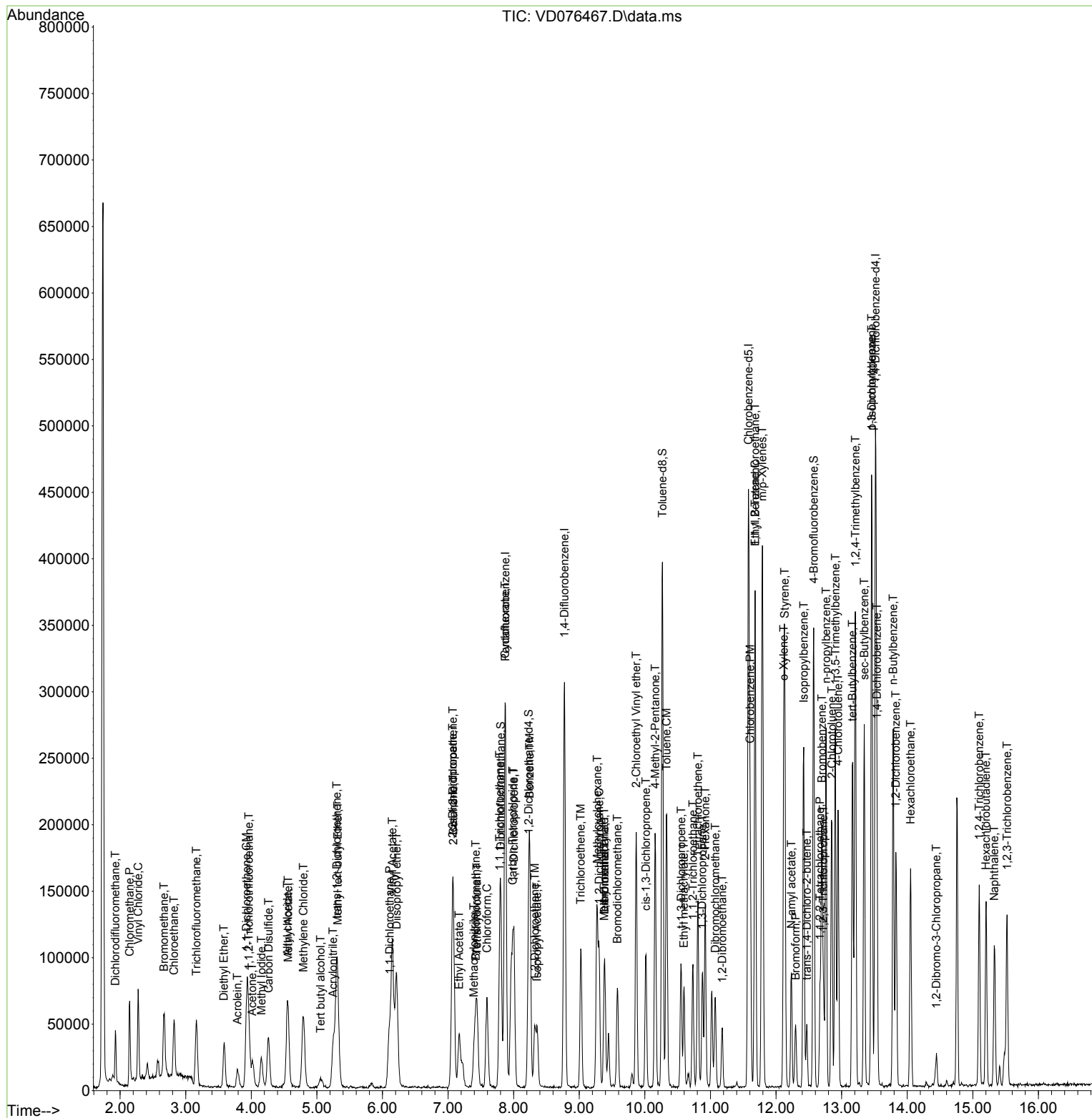
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061623S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 19 04:51:45 2023  
Response via : Initial Calibration

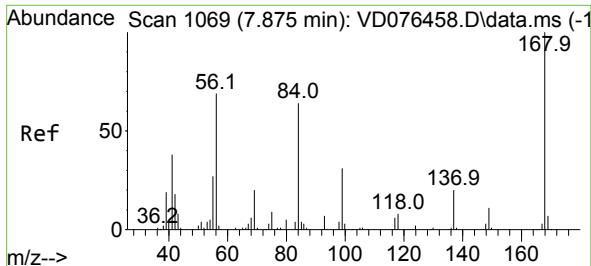
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
VD0619SBSD01

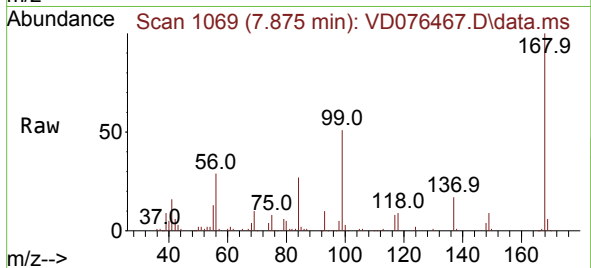
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061623S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 19 04:51:45 2023  
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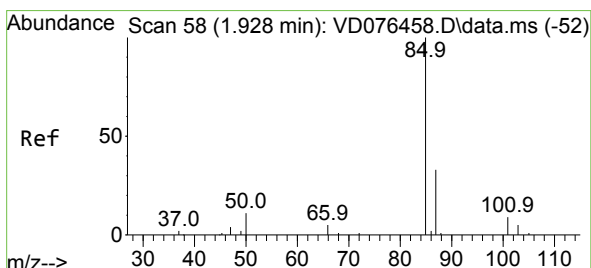
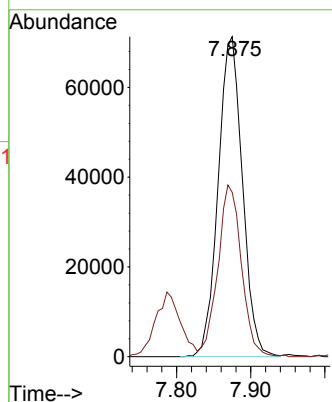
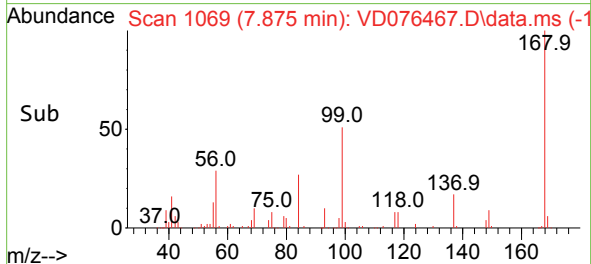


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBS01

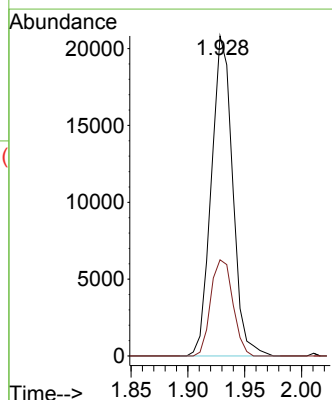
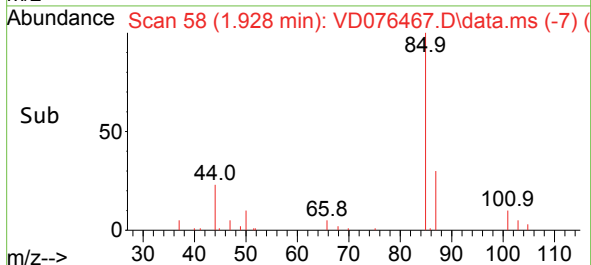
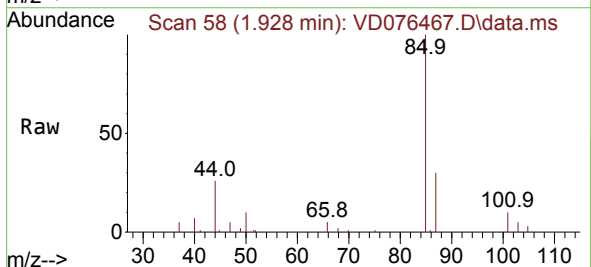


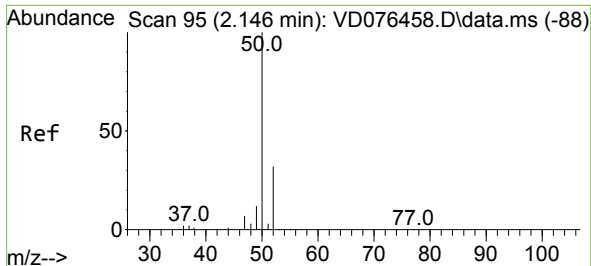
Tgt Ion:168 Resp: 162293  
Ion Ratio Lower Upper  
168 100  
99 51.1 36.7 55.1



#2  
Dichlorodifluoromethane  
Concen: 22.046 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 85 Resp: 27187  
Ion Ratio Lower Upper  
85 100  
87 30.1 15.7 47.0

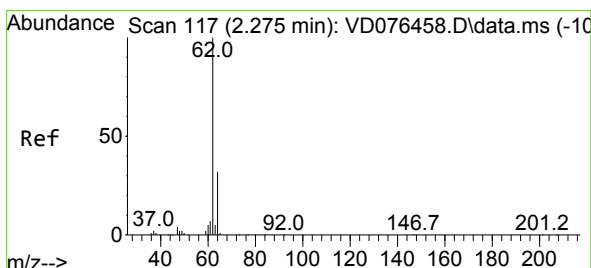
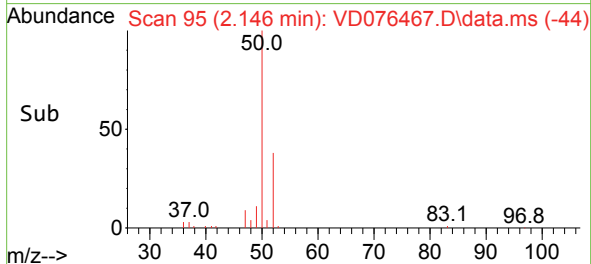
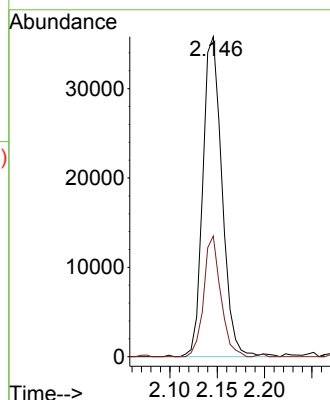
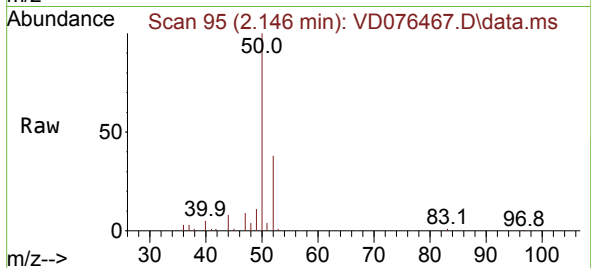




#3  
Chloromethane  
Concen: 19.700 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

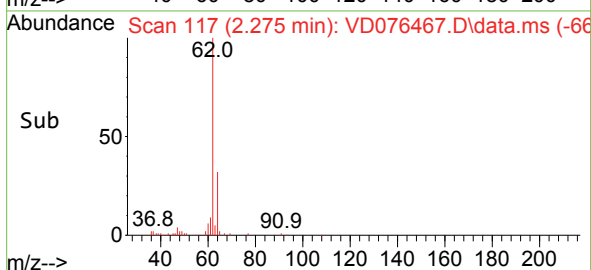
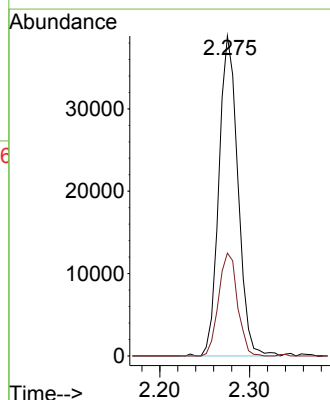
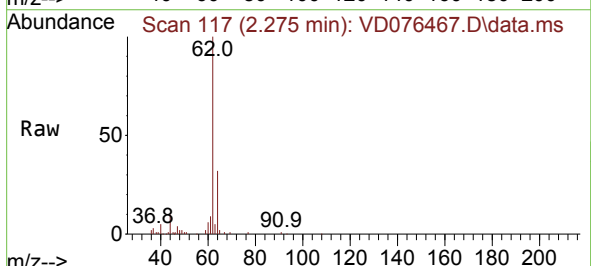
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

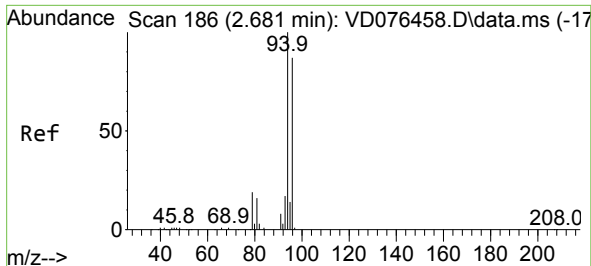
Tgt Ion: 50 Resp: 50526  
Ion Ratio Lower Upper  
50 100  
52 37.7 26.6 40.0



#4  
Vinyl Chloride  
Concen: 20.000 ug/l  
RT: 2.275 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 62 Resp: 57220  
Ion Ratio Lower Upper  
62 100  
64 32.2 26.0 39.0

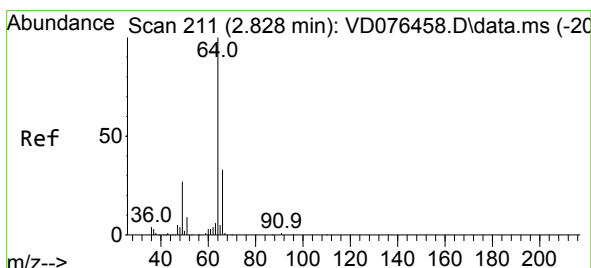
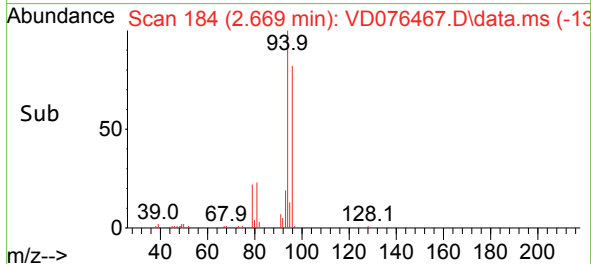
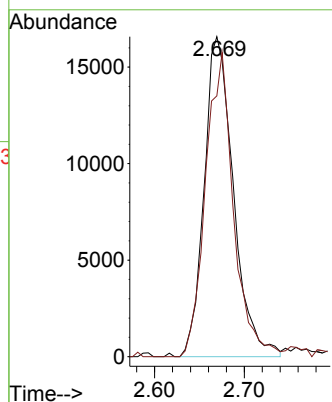
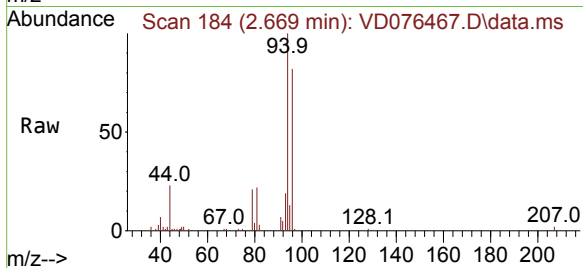




#5  
Bromomethane  
Concen: 20.162 ug/l  
RT: 2.669 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

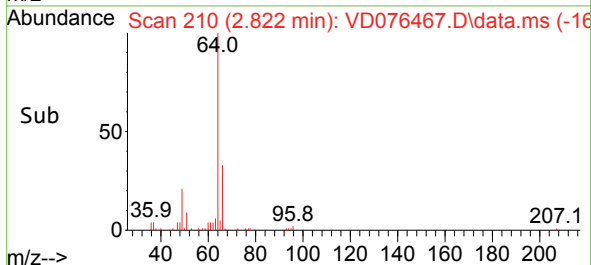
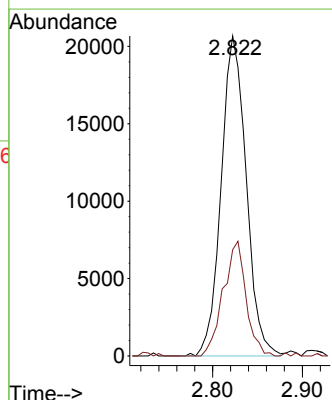
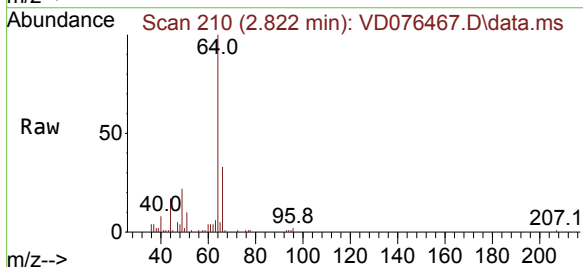
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

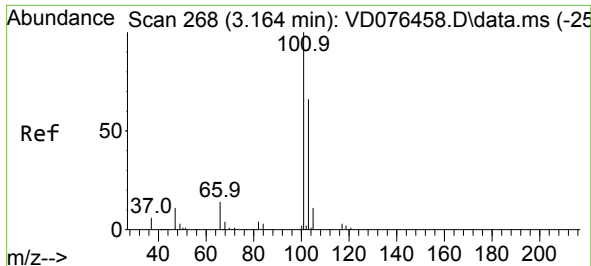
Tgt Ion: 94 Resp: 37507  
Ion Ratio Lower Upper  
94 100  
96 90.8 75.8 113.8



#6  
Chloroethane  
Concen: 20.461 ug/l  
RT: 2.822 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 64 Resp: 40123  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.5 38.3

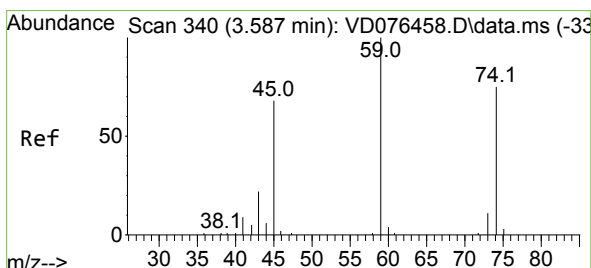
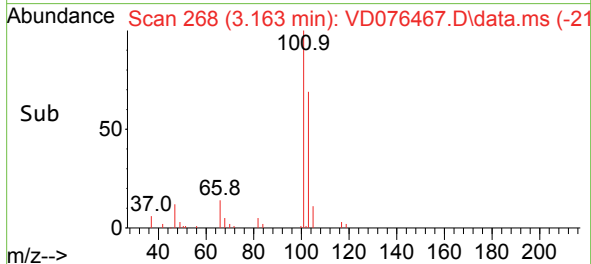
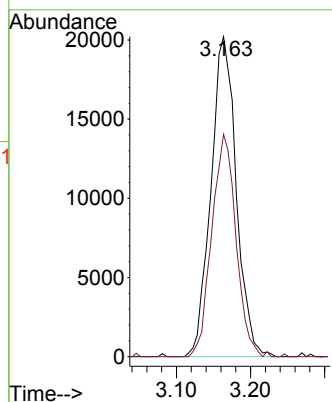
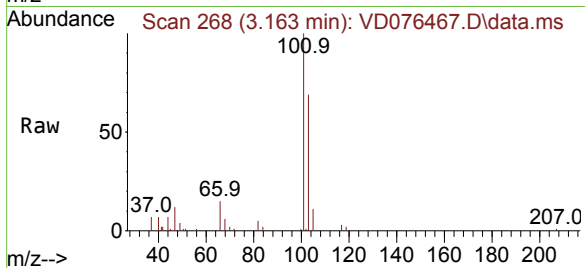




#7  
 Trichlorofluoromethane  
 Concen: 20.380 ug/l  
 RT: 3.163 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

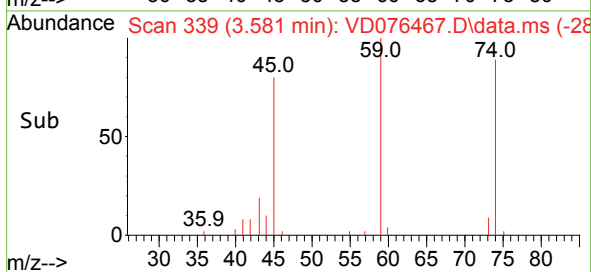
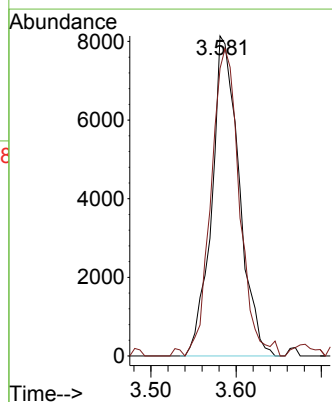
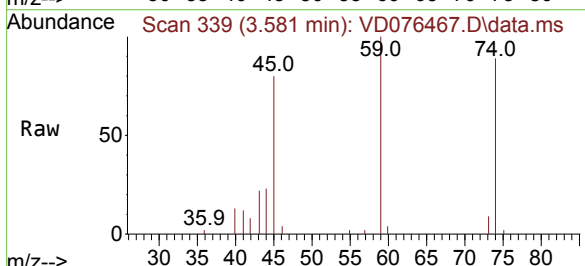
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBS01

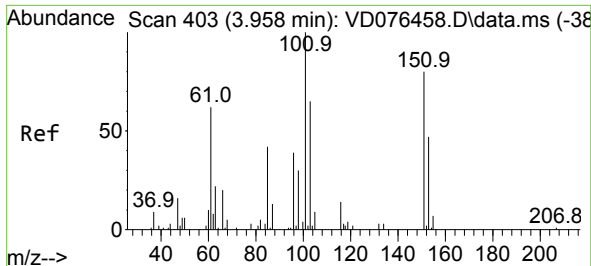
Tgt Ion:101 Resp: 47984  
 Ion Ratio Lower Upper  
 101 100  
 103 69.5 52.3 78.5



#8  
 Diethyl Ether  
 Concen: 20.530 ug/l  
 RT: 3.581 min Scan# 339  
 Delta R.T. -0.006 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

Tgt Ion: 74 Resp: 18192  
 Ion Ratio Lower Upper  
 74 100  
 45 99.9 37.5 112.7

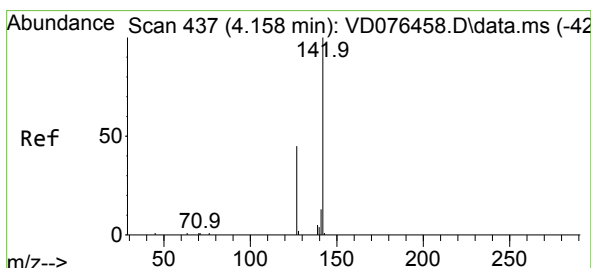
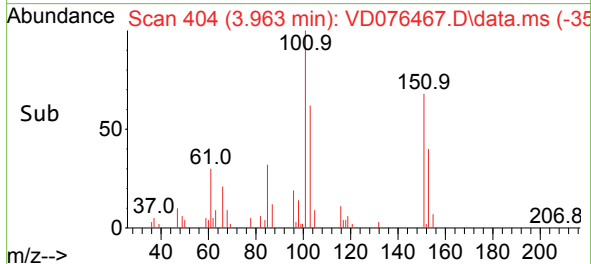
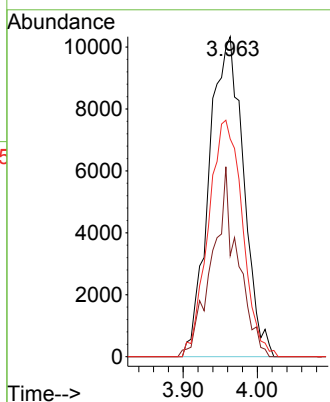
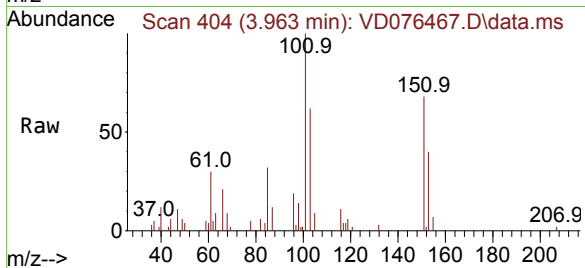




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.915 ug/l  
RT: 3.963 min Scan# 403  
Delta R.T. 0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

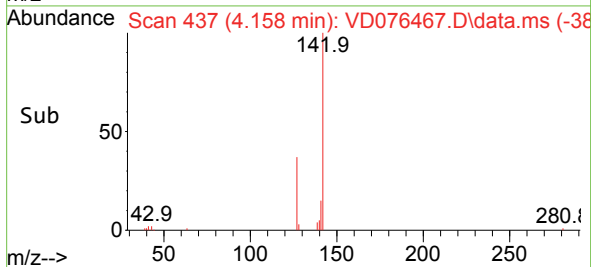
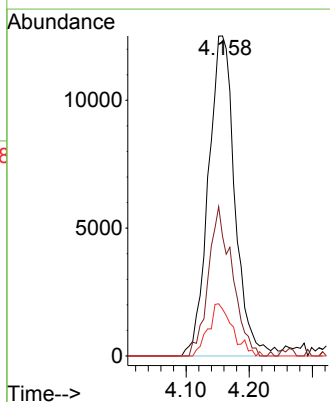
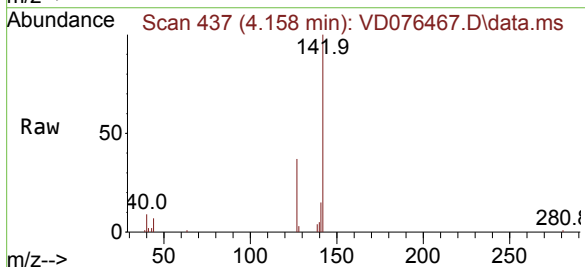
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

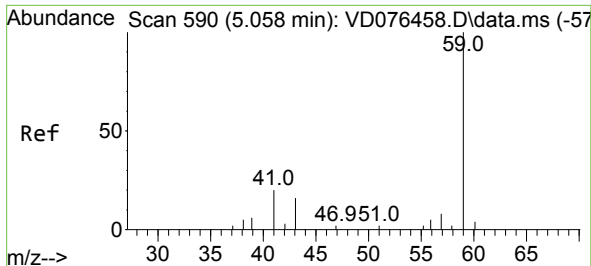
Tgt Ion:101 Resp: 33230  
Ion Ratio Lower Upper  
101 100  
85 44.4 33.8 50.6  
151 73.4 59.8 89.6



#10  
Methyl Iodide  
Concen: 20.293 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion:142 Resp: 36480  
Ion Ratio Lower Upper  
142 100  
127 42.1 29.4 44.0  
141 15.1 11.1 16.7

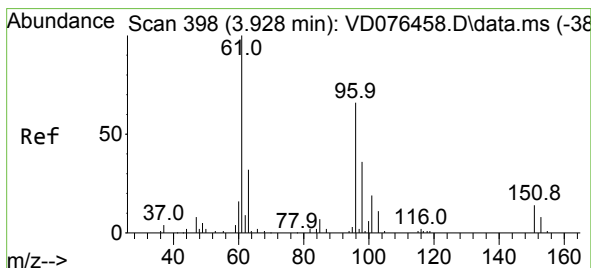
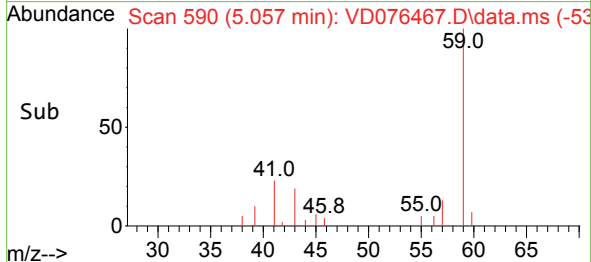
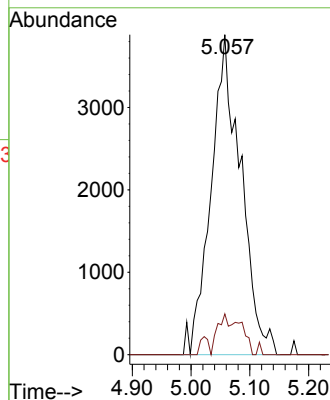
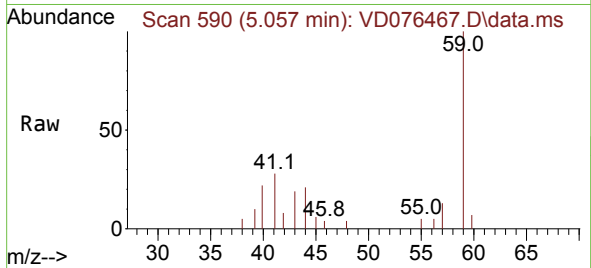




#11  
Tert butyl alcohol  
Concen: 97.527 ug/l  
RT: 5.057 min Scan# 590  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

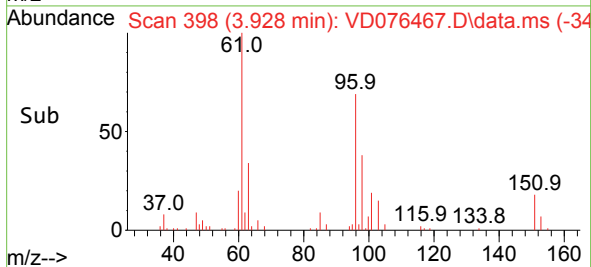
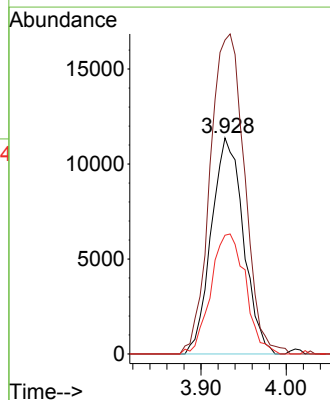
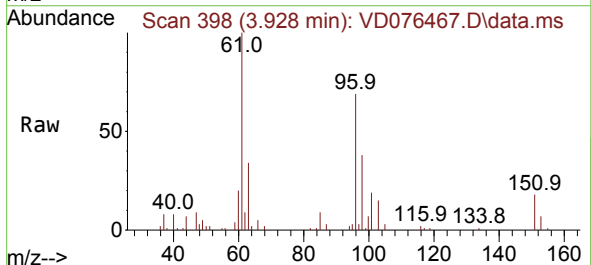
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

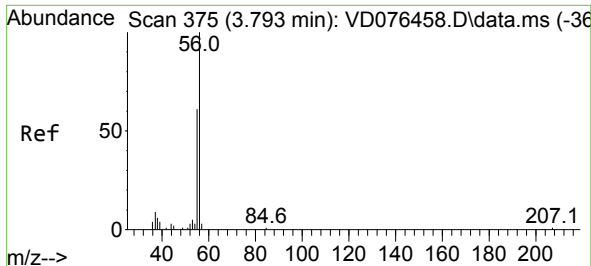
Tgt Ion: 59 Resp: 13692  
Ion Ratio Lower Upper  
59 100  
57 5.6 7.8 11.8#



#12  
1,1-Dichloroethene  
Concen: 20.044 ug/l  
RT: 3.928 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 96 Resp: 29766  
Ion Ratio Lower Upper  
96 100  
61 145.3 100.6 150.8  
98 55.0 50.2 75.2

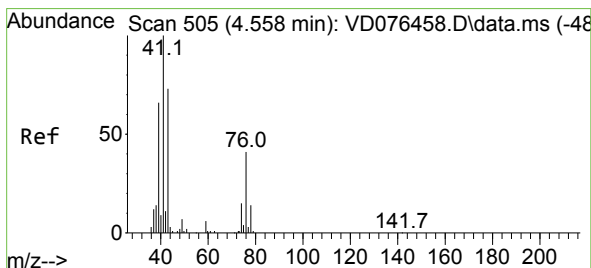
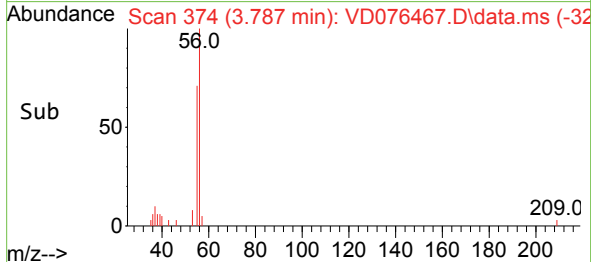
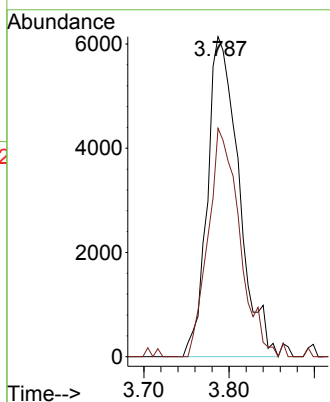
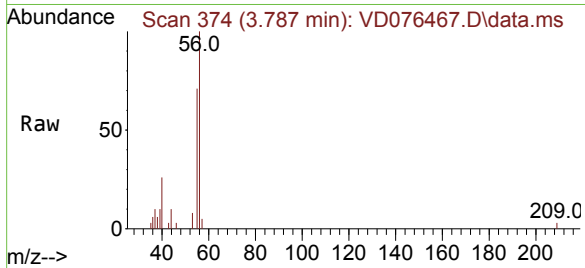




#13  
Acrolein  
Concen: 103.923 ug/l  
RT: 3.787 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

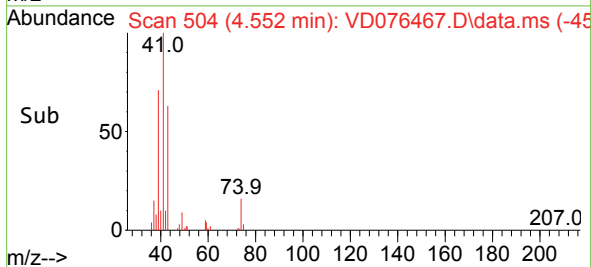
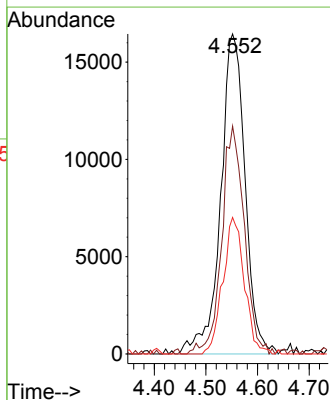
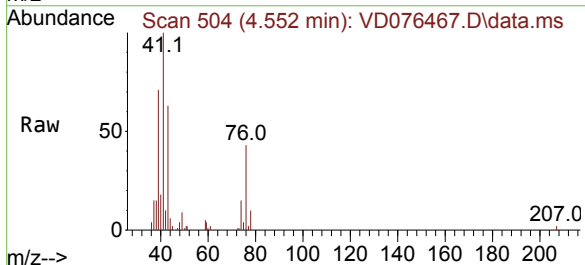
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

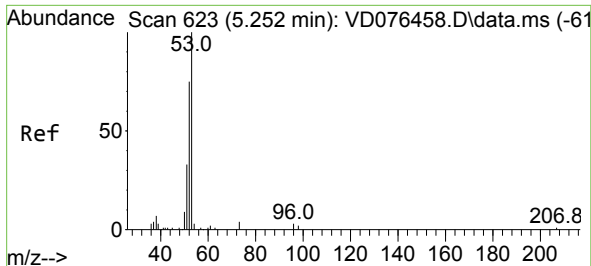
Tgt Ion: 56 Resp: 15715  
Ion Ratio Lower Upper  
56 100  
55 71.4 55.1 82.7



#14  
Allyl chloride  
Concen: 19.924 ug/l  
RT: 4.552 min Scan# 504  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 41 Resp: 54111  
Ion Ratio Lower Upper  
41 100  
39 64.9 53.8 80.6  
76 37.6 45.8 68.8#

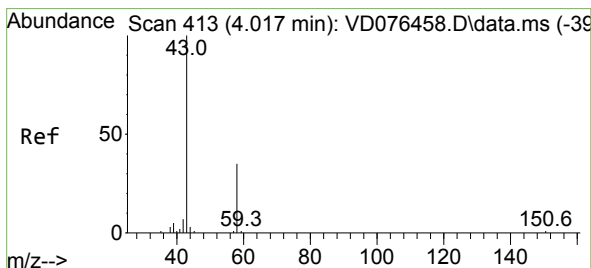
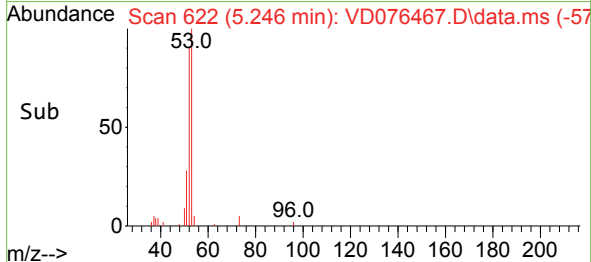
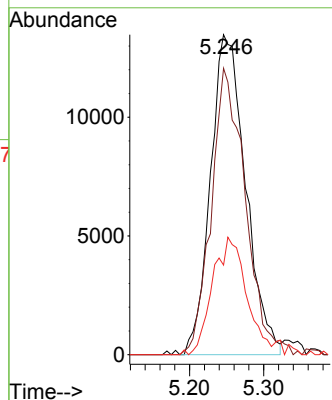
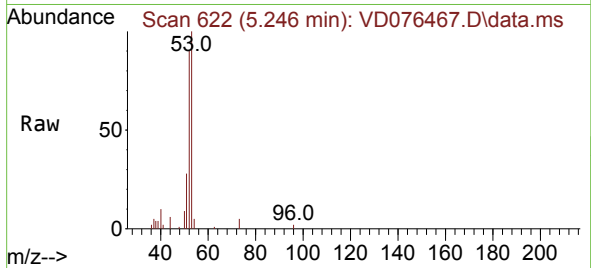




#15  
Acrylonitrile  
Concen: 97.191 ug/l  
RT: 5.246 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

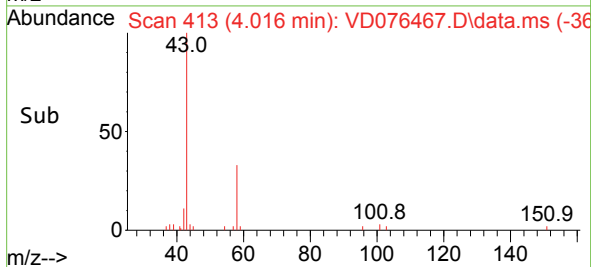
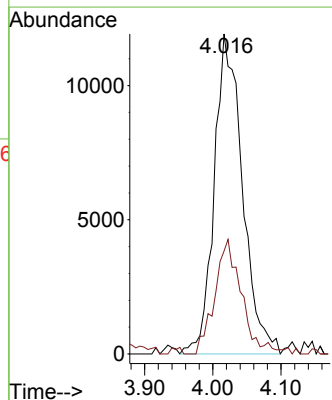
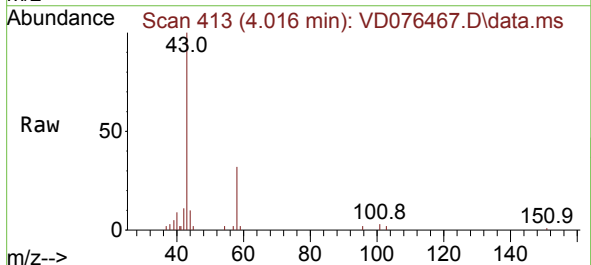
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

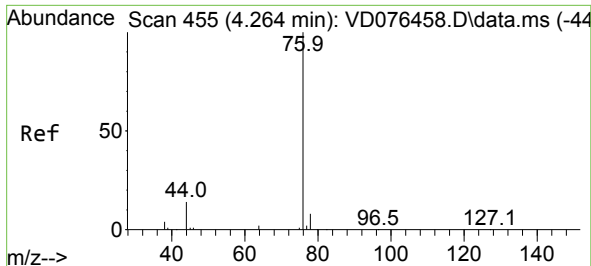
Tgt Ion: 53 Resp: 44285  
Ion Ratio Lower Upper  
53 100  
52 86.7 65.0 97.4  
51 36.4 28.3 42.5



#16  
Acetone  
Concen: 88.645 ug/l  
RT: 4.016 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 43 Resp: 34300  
Ion Ratio Lower Upper  
43 100  
58 30.9 34.7 52.1#

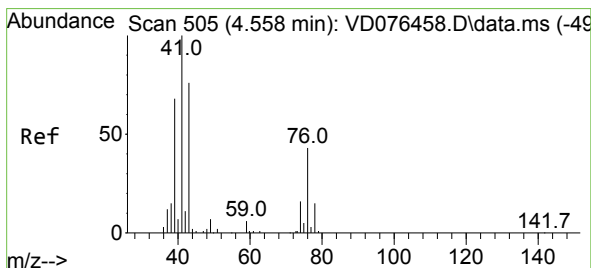
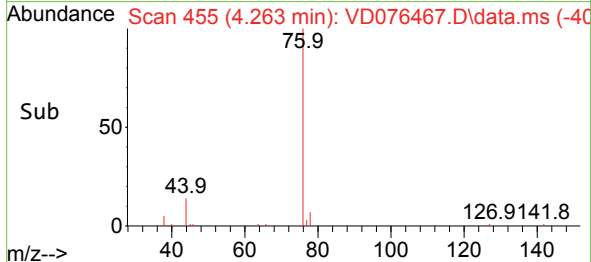
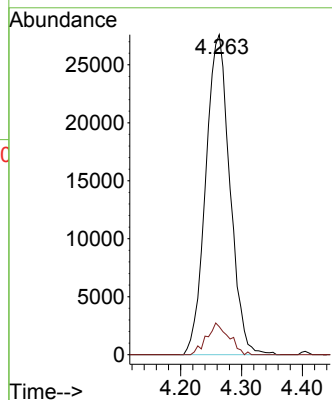
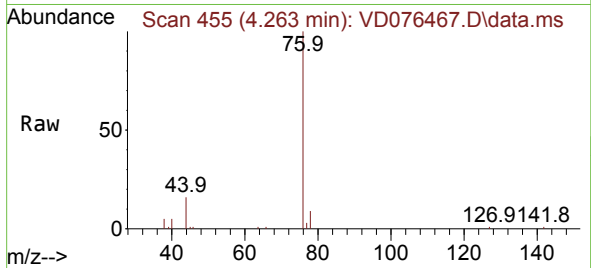




#17  
Carbon Disulfide  
Concen: 18.718 ug/l  
RT: 4.263 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

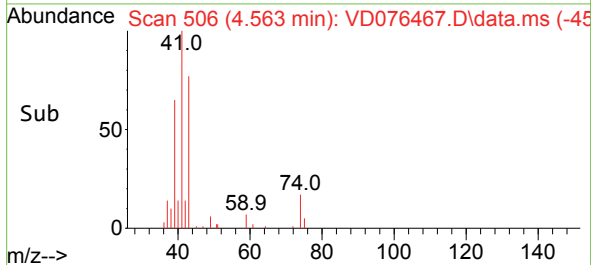
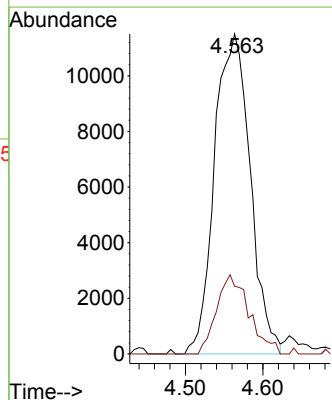
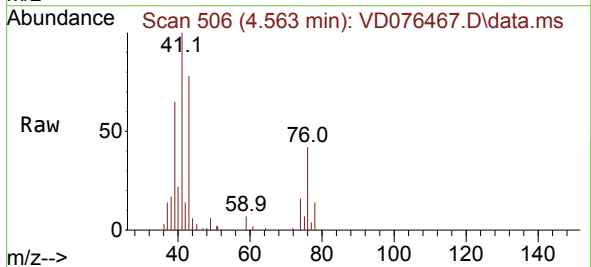
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

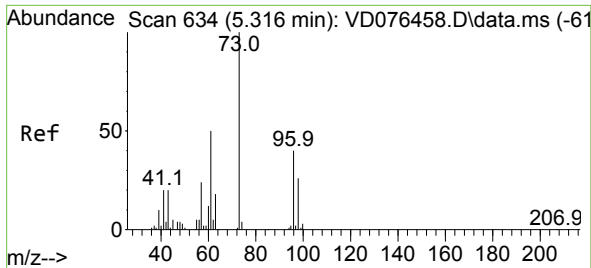
Tgt Ion: 76 Resp: 75948  
Ion Ratio Lower Upper  
76 100  
78 8.8 6.8 10.2



#18  
Methyl Acetate  
Concen: 20.654 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. 0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 43 Resp: 36830  
Ion Ratio Lower Upper  
43 100  
74 22.5 26.4 39.6#

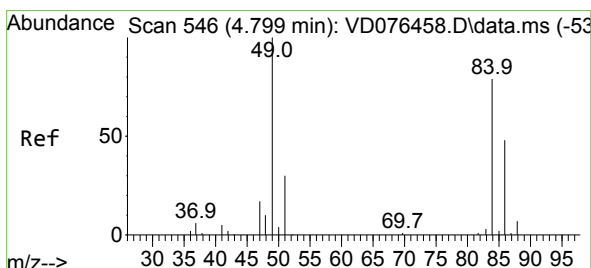
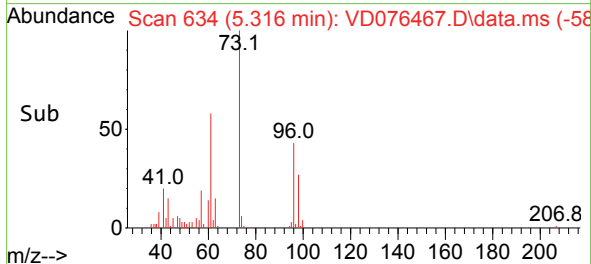
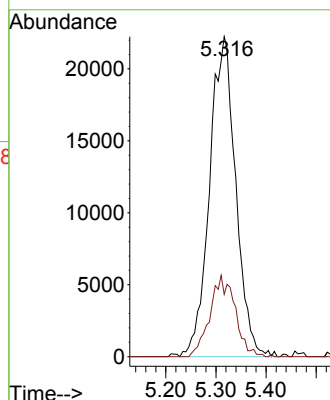
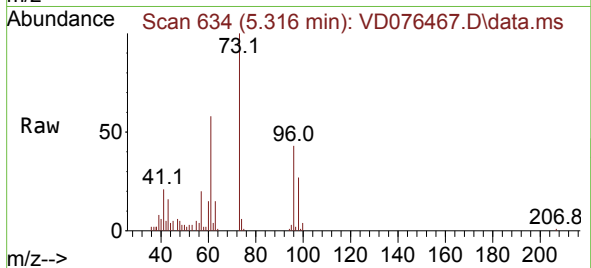




#19  
Methyl tert-butyl Ether  
Concen: 19.862 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

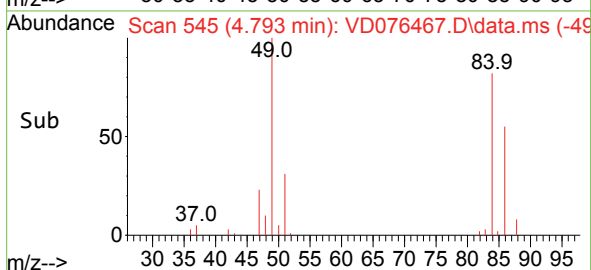
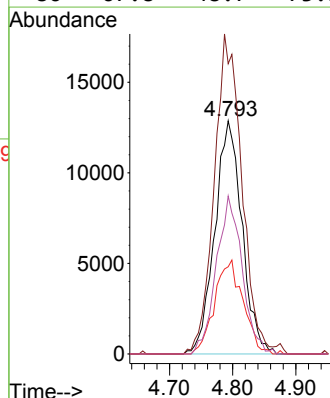
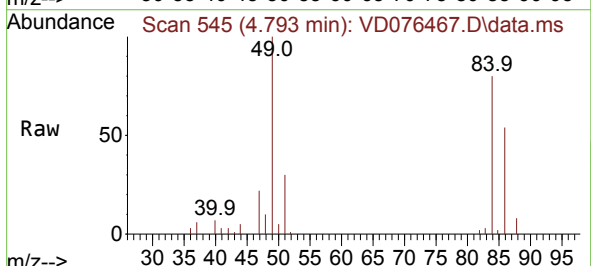
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBS01

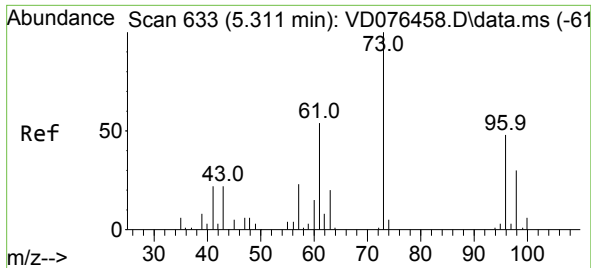
Tgt Ion: 73 Resp: 80681  
Ion Ratio Lower Upper  
73 100  
57 19.5 16.6 25.0



#20  
Methylene Chloride  
Concen: 11.837 ug/l  
RT: 4.793 min Scan# 545  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

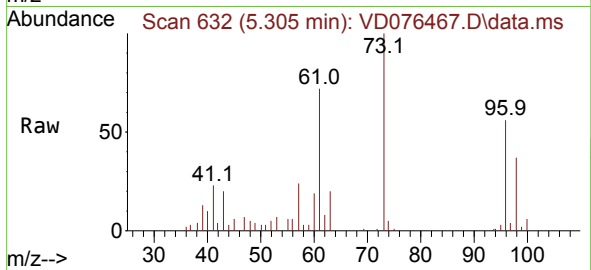
Tgt Ion: 84 Resp: 38531  
Ion Ratio Lower Upper  
84 100  
49 124.5 71.4 107.2#  
51 37.4 24.5 36.7#  
86 67.8 48.7 73.1



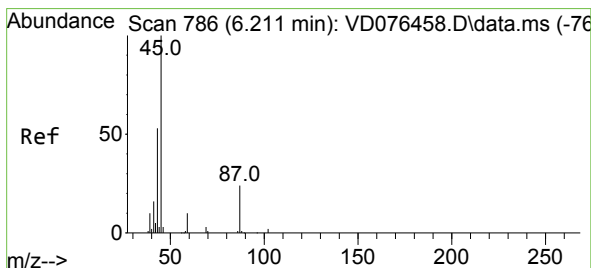
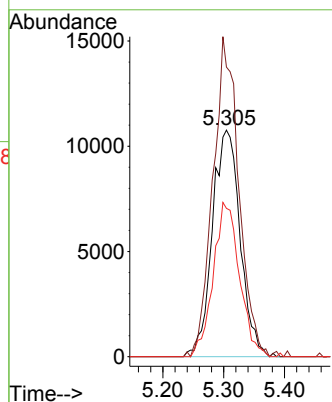
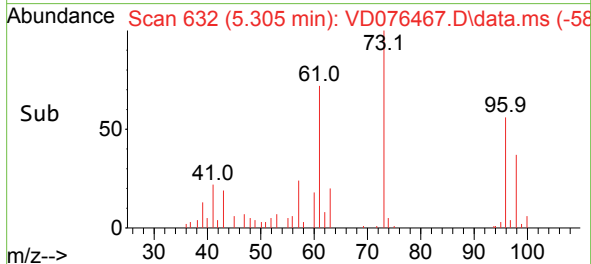


#21  
trans-1,2-Dichloroethene  
Concen: 19.884 ug/l  
RT: 5.305 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBS01

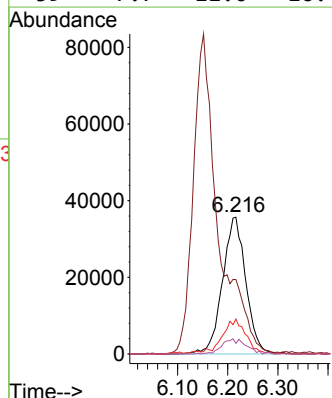
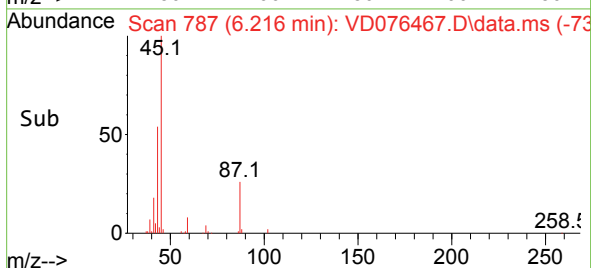
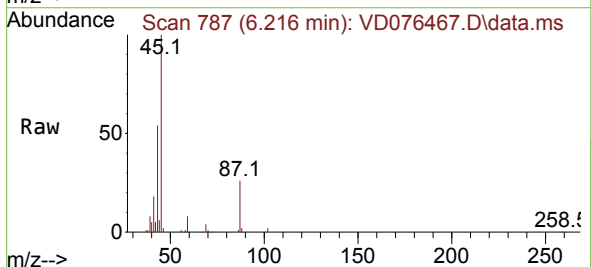


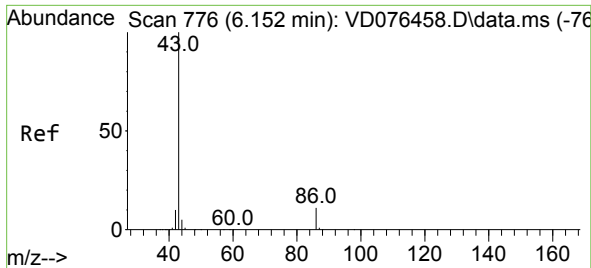
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 34129 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 127.8 | 89.3  | 133.9 |
| 98       | 65.5  | 48.6  | 73.0  |



#22  
Diisopropyl ether  
Concen: 19.598 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 115090 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 53.4  | 40.0  | 60.0   |
| 87       | 25.0  | 28.2  | 42.4#  |
| 59       | 7.7   | 11.0  | 16.4#  |

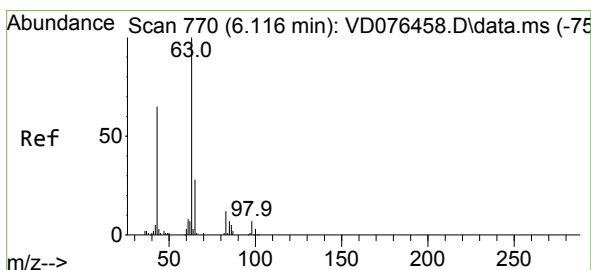
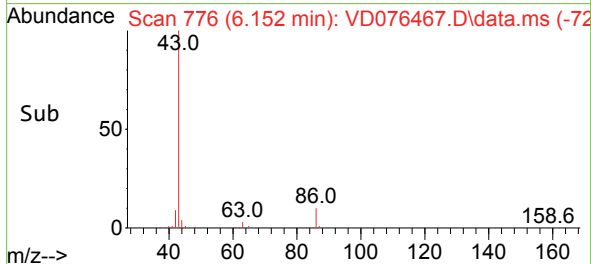
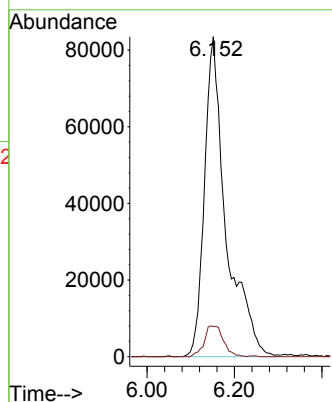
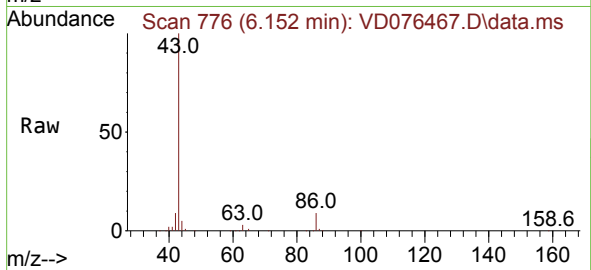




#23  
 Vinyl Acetate  
 Concen: 98.880 ug/l  
 RT: 6.152 min Scan# 776  
 Delta R.T. -0.000 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

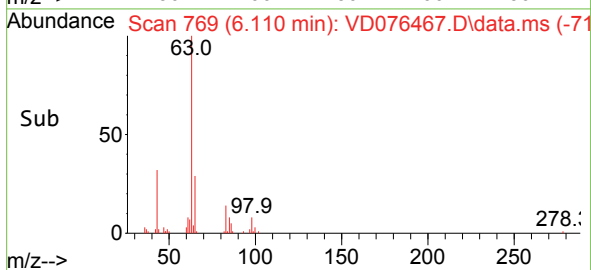
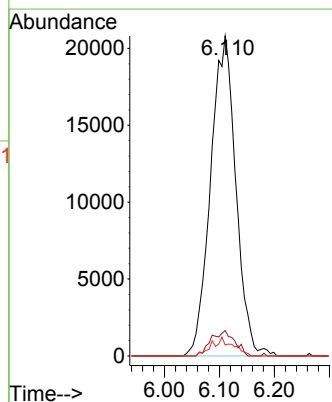
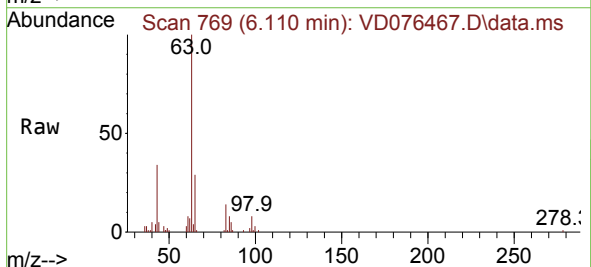
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBSD01

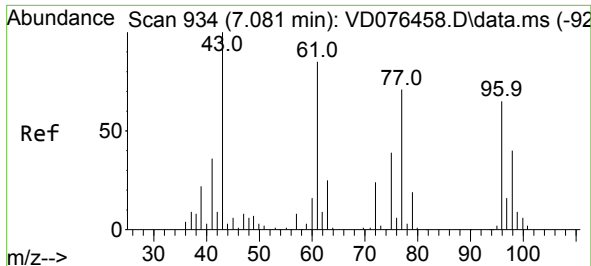
Tgt Ion: 43 Resp: 287824  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 12.5 18.7#



#24  
 1,1-Dichloroethane  
 Concen: 20.288 ug/l  
 RT: 6.110 min Scan# 769  
 Delta R.T. -0.006 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

Tgt Ion: 63 Resp: 66531  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 4.5 13.7  
 100 3.5 2.5 7.5

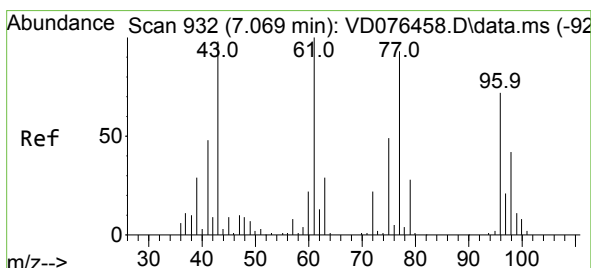
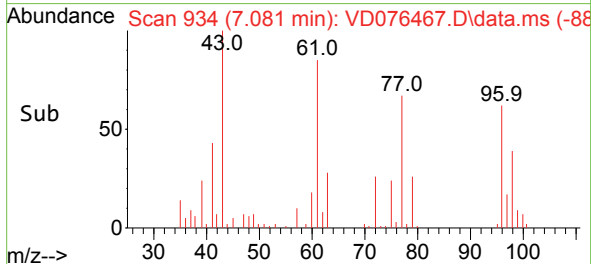
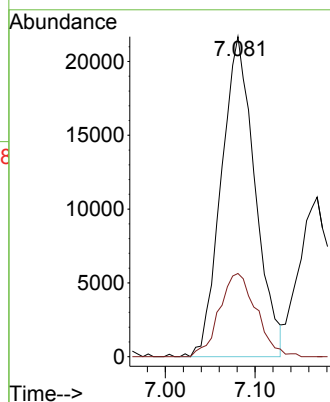
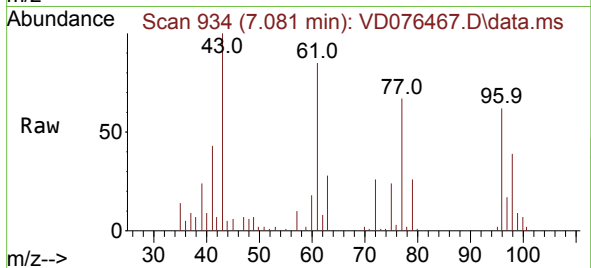




#25  
2-Butanone  
Concen: 94.601 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

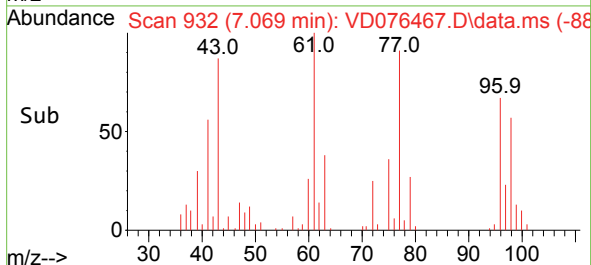
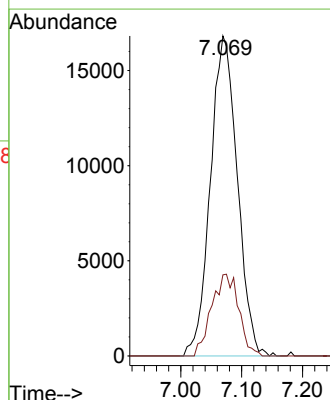
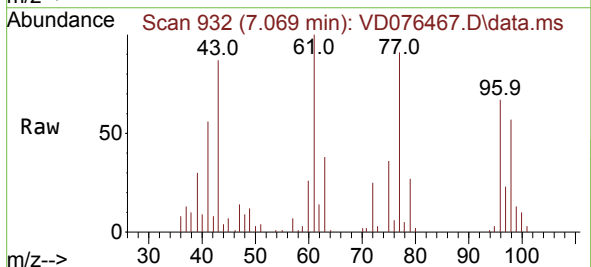
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

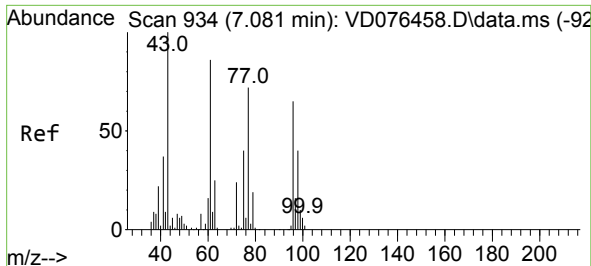
Tgt Ion: 43 Resp: 56616  
Ion Ratio Lower Upper  
43 100  
72 26.0 30.7 46.1#



#26  
2,2-Dichloropropane  
Concen: 18.285 ug/l  
RT: 7.069 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 77 Resp: 51697  
Ion Ratio Lower Upper  
77 100  
97 25.7 13.2 39.6

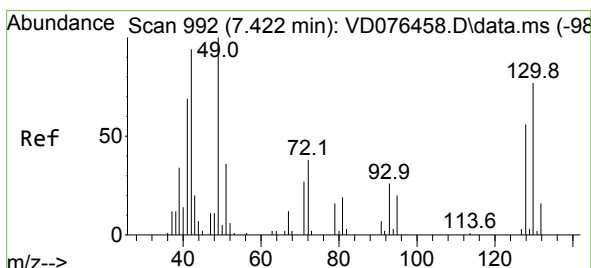
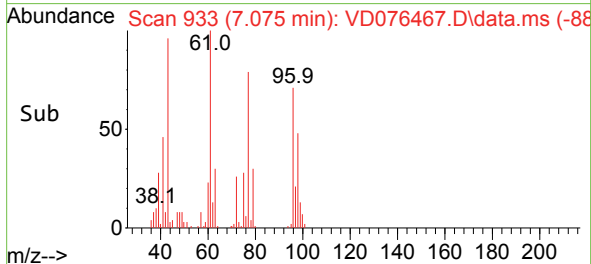
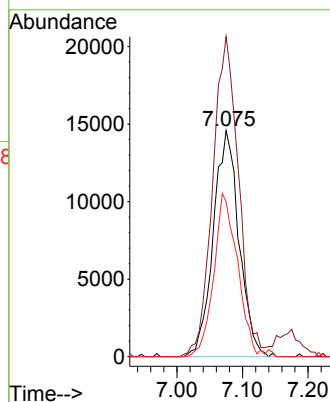
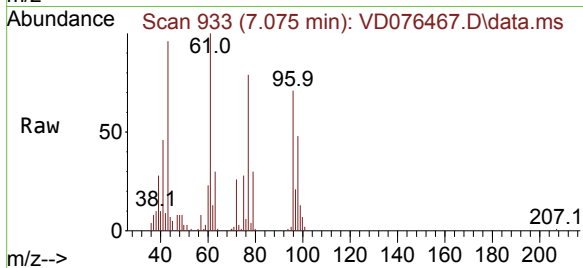




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.094 ug/l  
 RT: 7.075 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

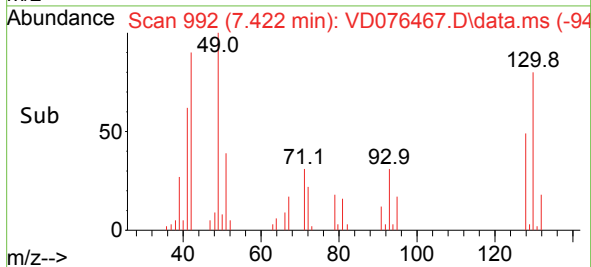
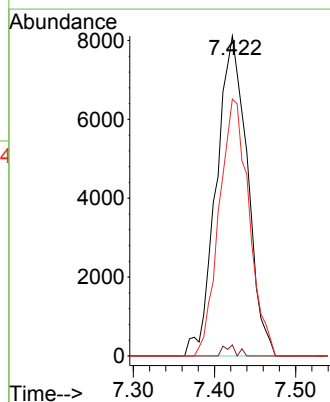
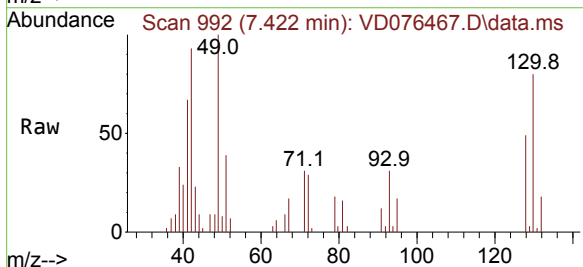
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBSD01

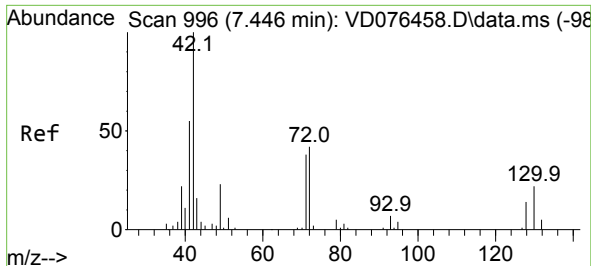
Tgt Ion: 96 Resp: 39664  
 Ion Ratio Lower Upper  
 96 100  
 61 142.4 0.0 239.2  
 98 66.7 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 21.652 ug/l  
 RT: 7.422 min Scan# 992  
 Delta R.T. 0.000 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

Tgt Ion: 49 Resp: 21546  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 6.0  
 130 77.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 101.504 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0619SBSD01

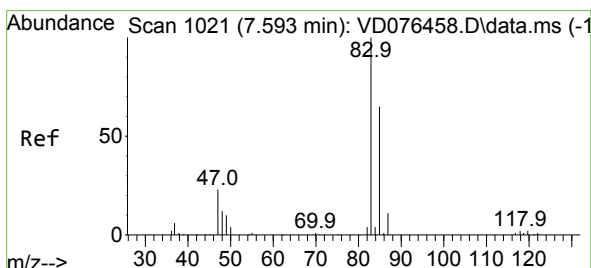
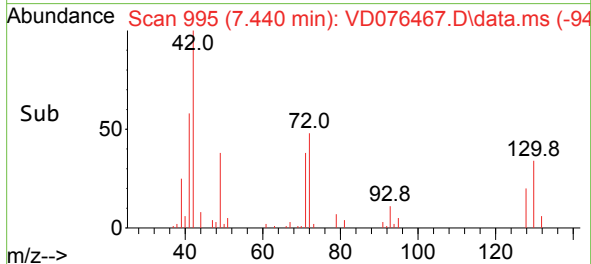
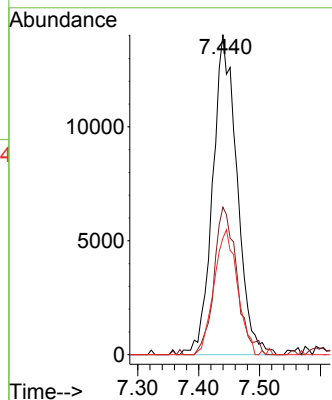
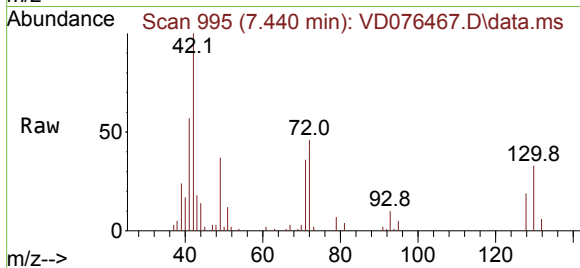
Tgt Ion: 42 Resp: 39039

Ion Ratio Lower Upper

42 100

72 43.2 46.5 69.7#

71 37.4 44.5 66.7#



#30

Chloroform

Concen: 19.812 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076467.D

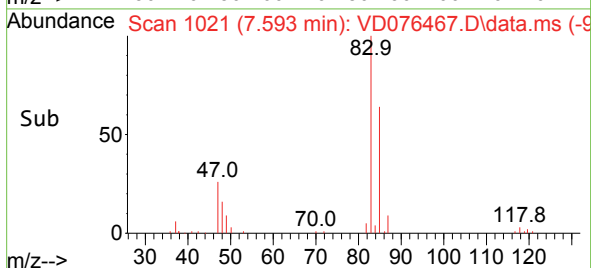
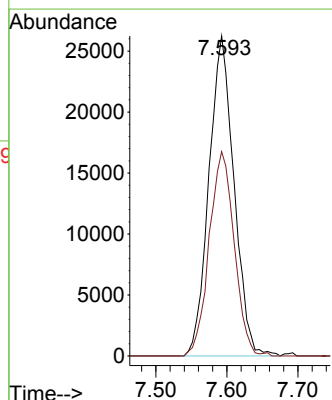
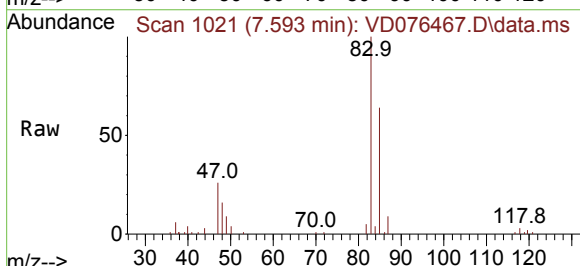
Acq: 19 Jun 2023 13:41

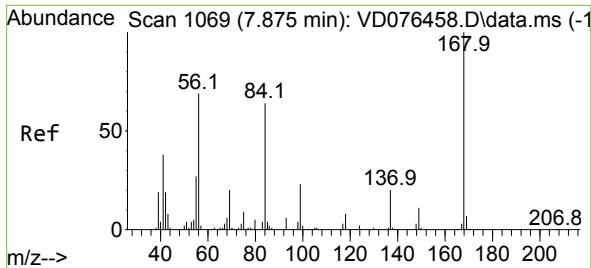
Tgt Ion: 83 Resp: 64329

Ion Ratio Lower Upper

83 100

85 63.9 53.4 80.2

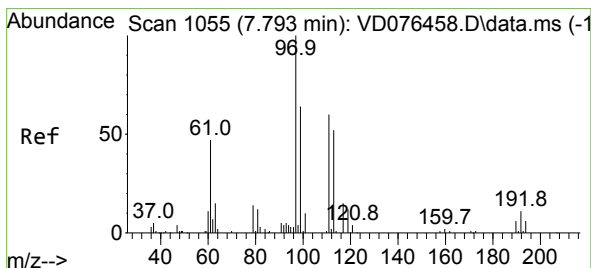
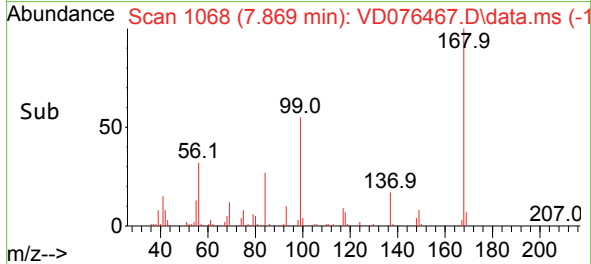
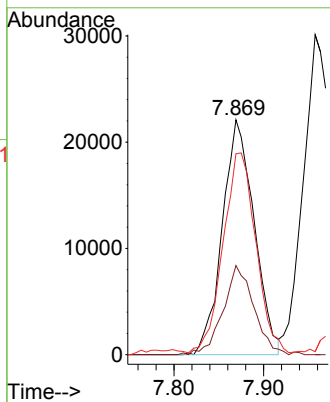
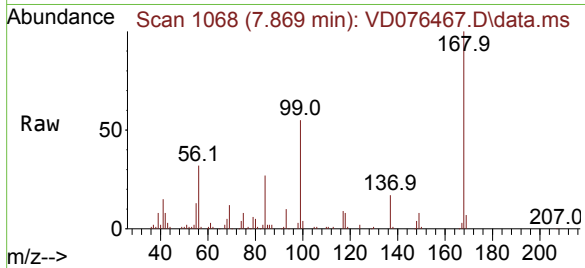




#31  
Cyclohexane  
Concen: 20.846 ug/l  
RT: 7.869 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

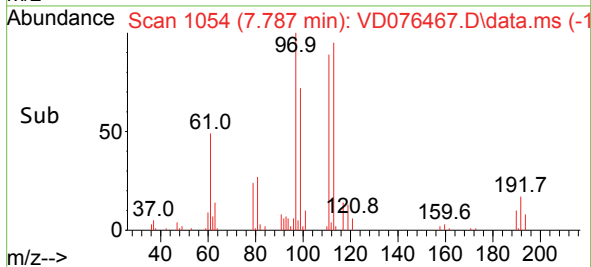
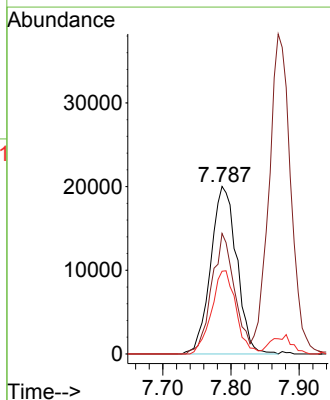
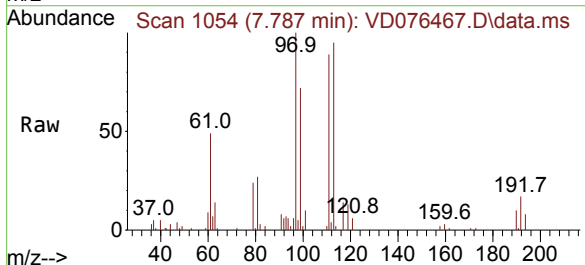
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

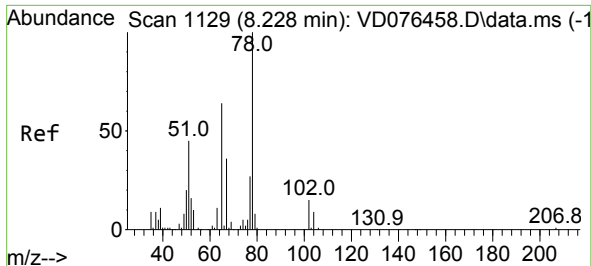
Tgt Ion: 56 Resp: 54537  
Ion Ratio Lower Upper  
56 100  
69 38.0 28.6 43.0  
84 84.0 84.8 127.2#



#32  
1,1,1-Trichloroethane  
Concen: 20.270 ug/l  
RT: 7.787 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 97 Resp: 53204  
Ion Ratio Lower Upper  
97 100  
99 63.4 52.0 78.0  
61 46.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.393 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

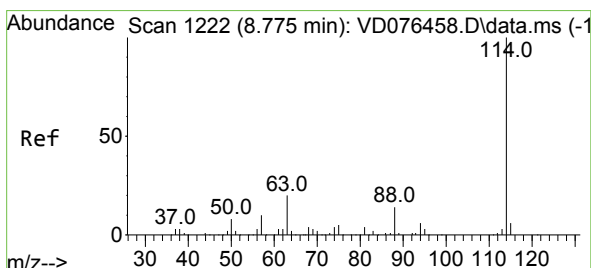
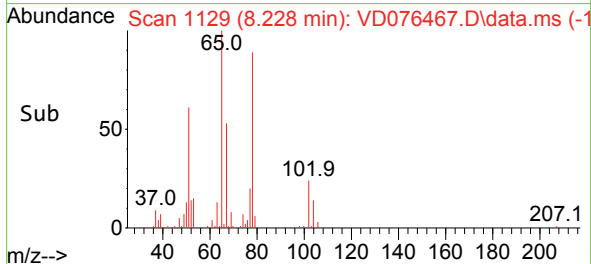
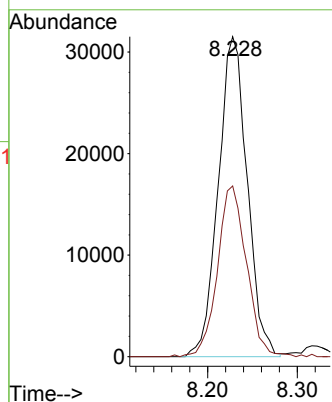
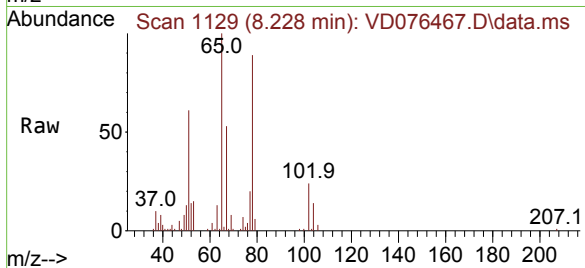
VD0619SBS01

Tgt Ion: 65 Resp: 70558

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

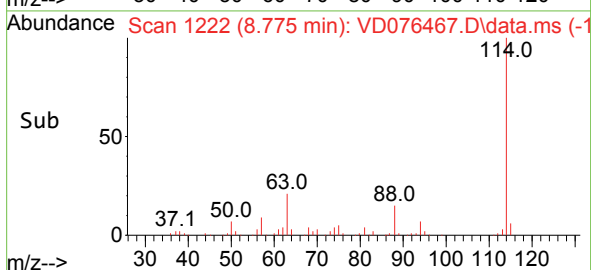
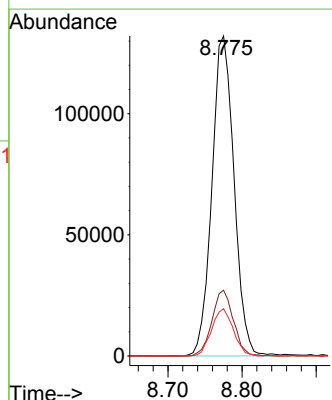
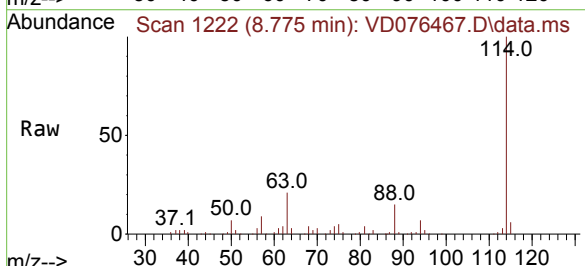
Tgt Ion: 114 Resp: 273936

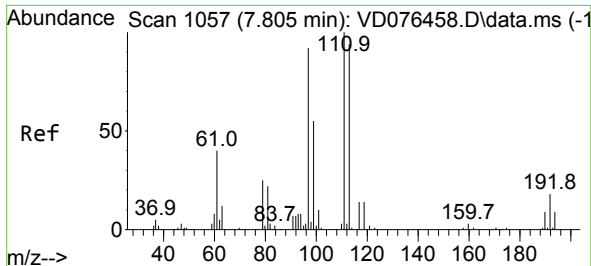
Ion Ratio Lower Upper

114 100

63 20.5 0.0 33.4

88 14.7 0.0 26.2

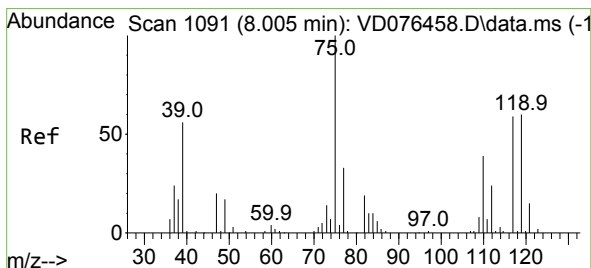
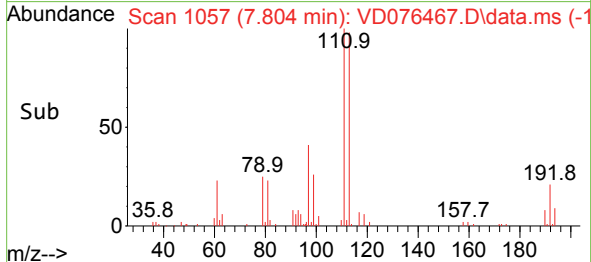
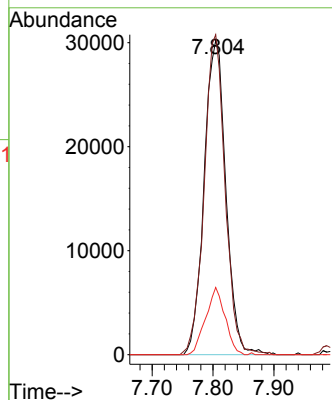
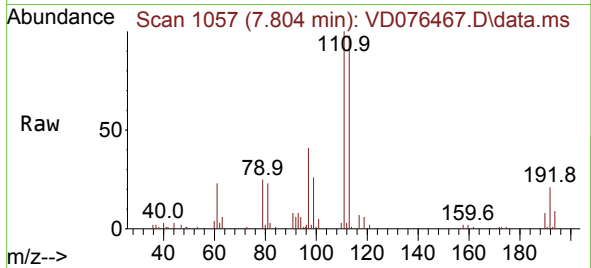




#35  
Dibromofluoromethane  
Concen: 46.151 ug/l  
RT: 7.804 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

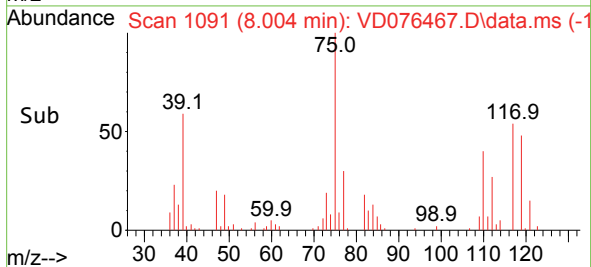
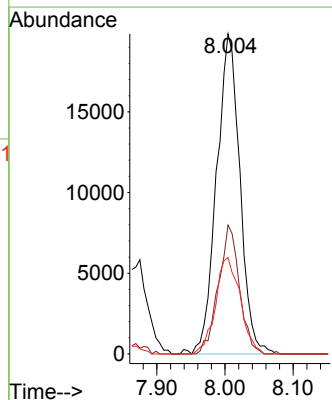
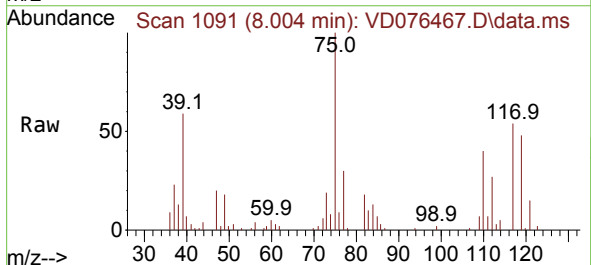
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

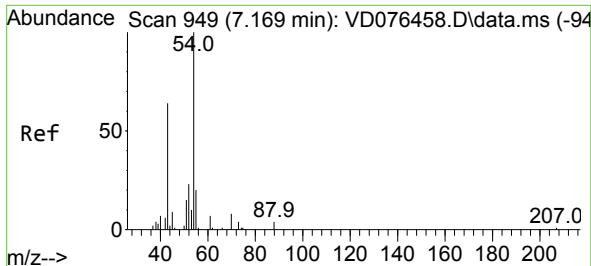
Tgt Ion:113 Resp: 75104  
Ion Ratio Lower Upper  
113 100  
111 97.9 84.7 127.1  
192 19.1 16.8 25.2



#36  
1,1-Dichloropropene  
Concen: 20.751 ug/l  
RT: 8.004 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 75 Resp: 47291  
Ion Ratio Lower Upper  
75 100  
110 36.2 19.9 59.6  
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 21.374 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD076467.D

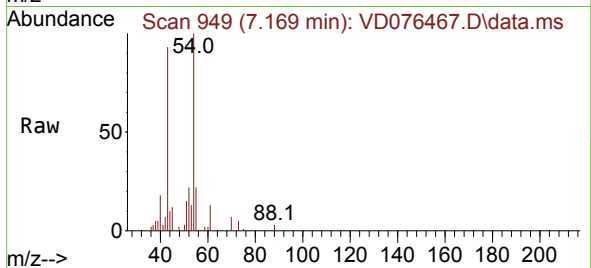
Acq: 19 Jun 2023 13:41

Instrument :

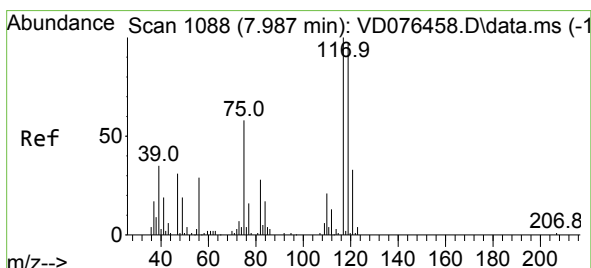
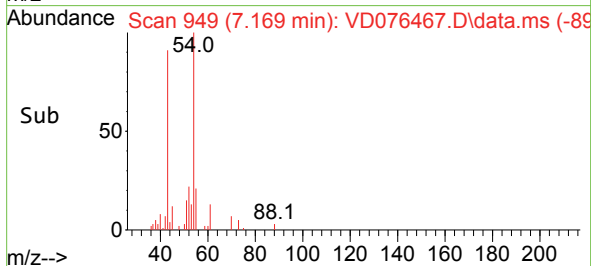
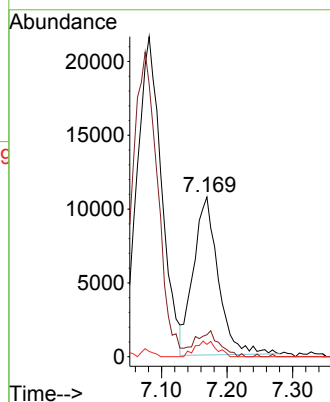
MSVOA\_D

ClientSampleId :

VD0619SBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 28226 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.7  | 14.9  | 22.3  |
| 70       | 8.4   | 10.0  | 15.0  |



#38

Carbon Tetrachloride

Concen: 20.575 ug/l

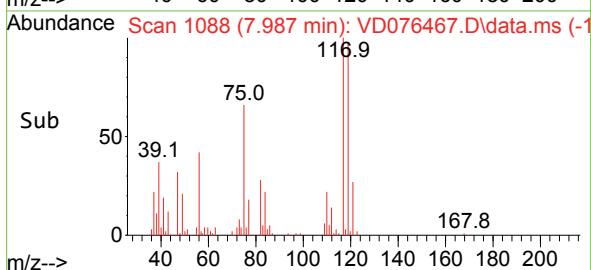
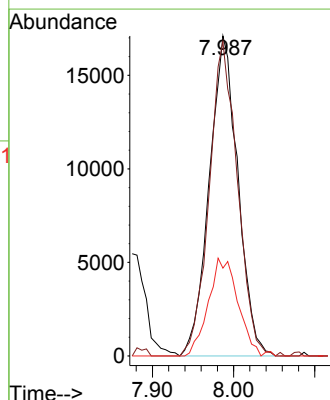
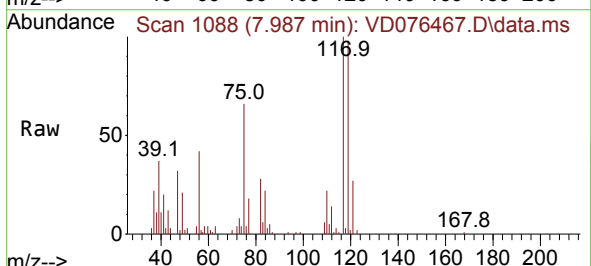
RT: 7.987 min Scan# 1088

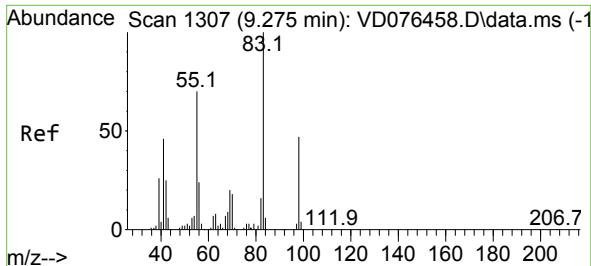
Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 41909 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.3  | 78.0  | 117.0 |
| 121      | 27.5  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 20.703 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0619SBSD01

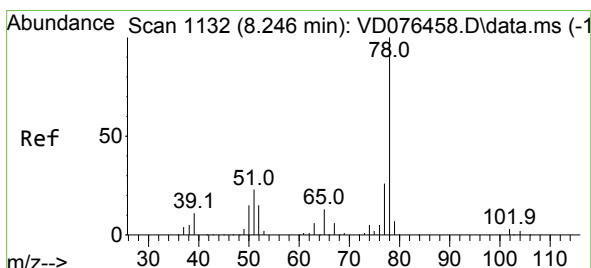
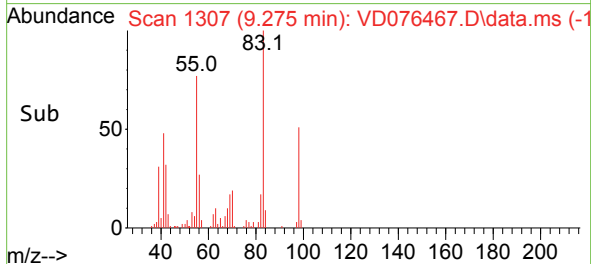
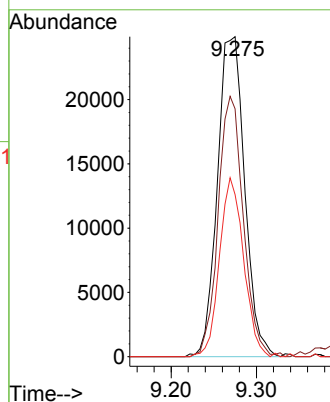
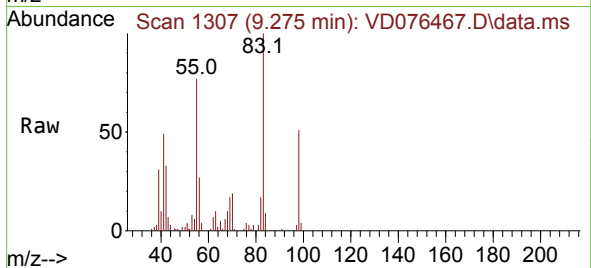
Tgt Ion: 83 Resp: 55367

Ion Ratio Lower Upper

83 100

55 77.4 49.4 74.0#

98 50.7 38.4 57.6



#40

Benzene

Concen: 20.683 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076467.D

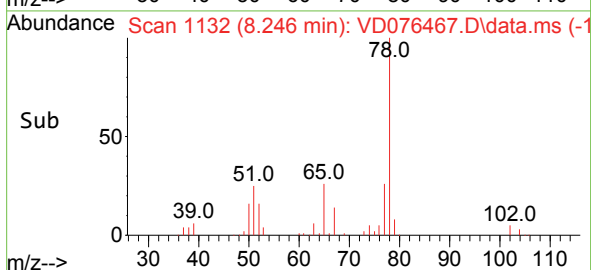
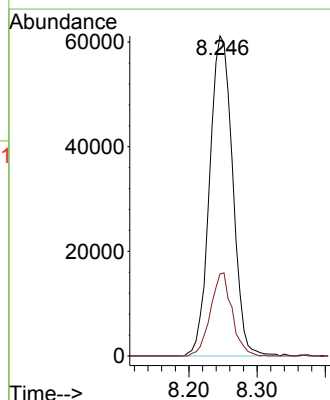
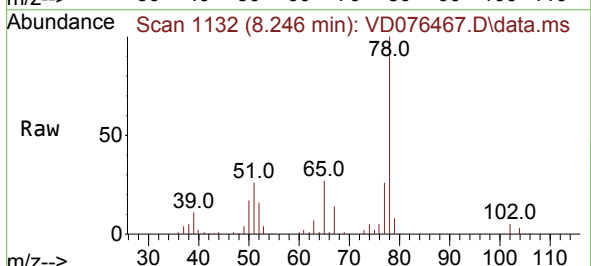
Acq: 19 Jun 2023 13:41

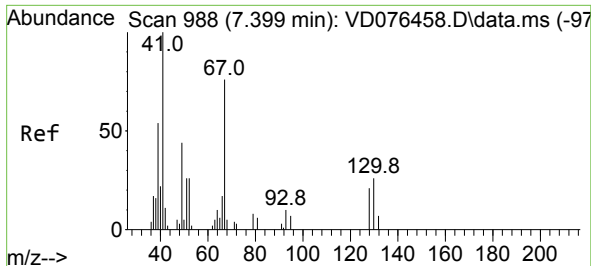
Tgt Ion: 78 Resp: 143741

Ion Ratio Lower Upper

78 100

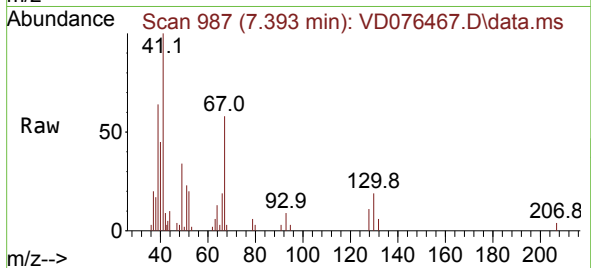
77 25.6 19.4 29.0



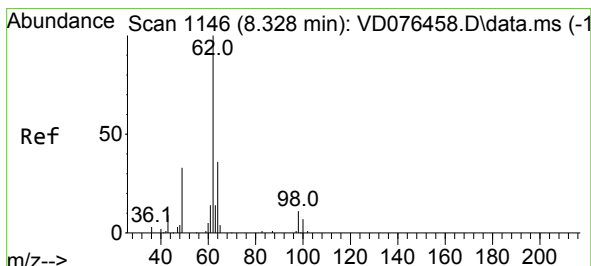
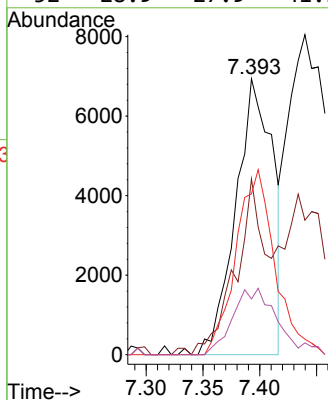
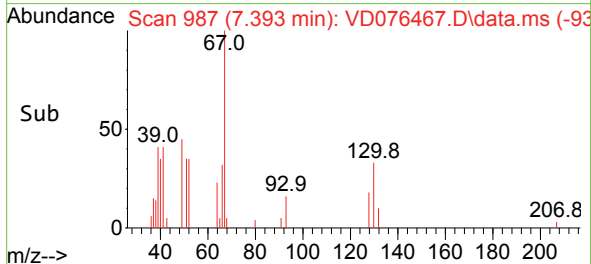


#41  
Methacrylonitrile  
Concen: 21.149 ug/l  
RT: 7.393 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

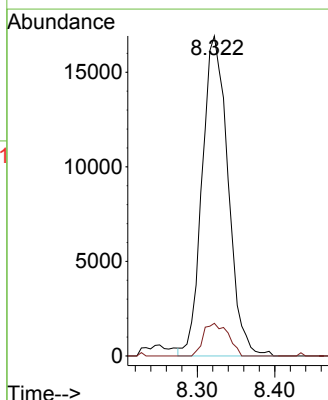
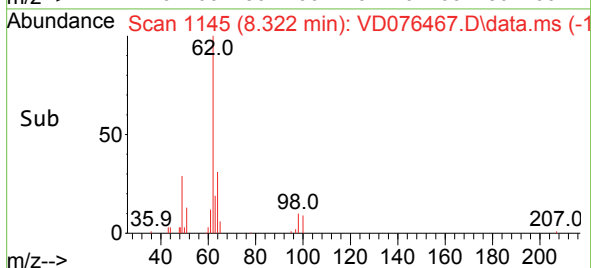
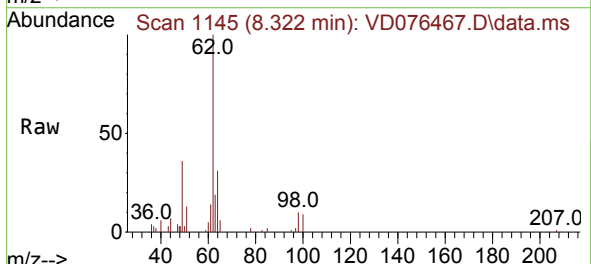


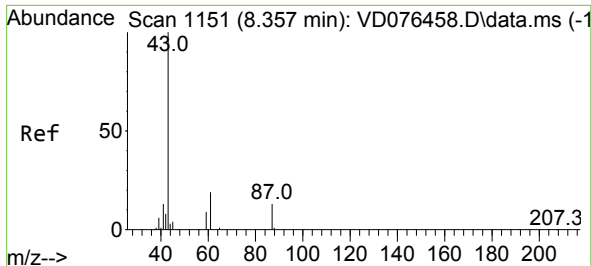
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 15771  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 51.5  | 34.0  | 51.0#  |
| 67       | 70.3  | 77.0  | 115.4# |
| 52       | 28.9  | 27.9  | 41.9   |



#42  
1,2-Dichloroethane  
Concen: 20.870 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 39191 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.8   | 0.0   | 25.4  |

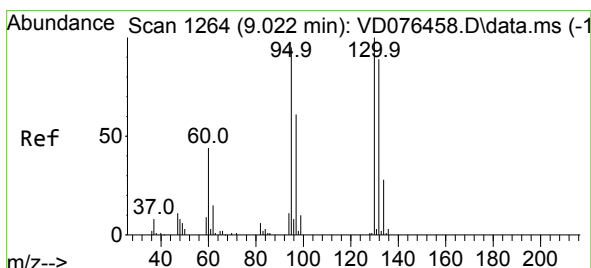
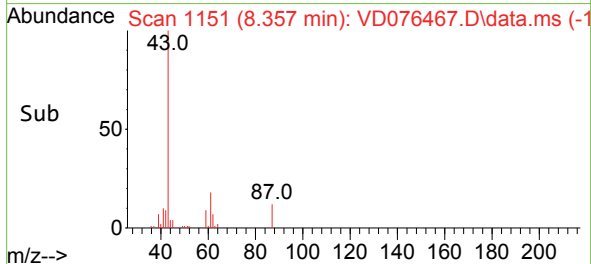
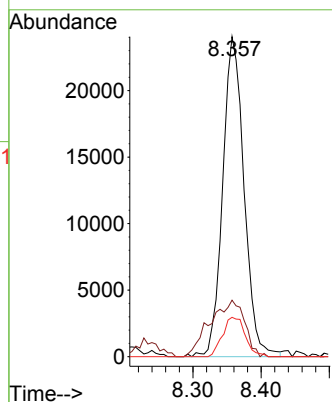
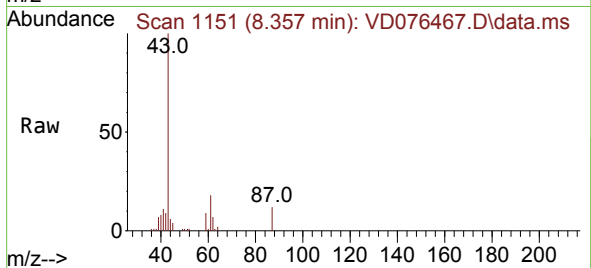




#43  
Isopropyl Acetate  
Concen: 20.998 ug/l  
RT: 8.357 min Scan# 1151  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

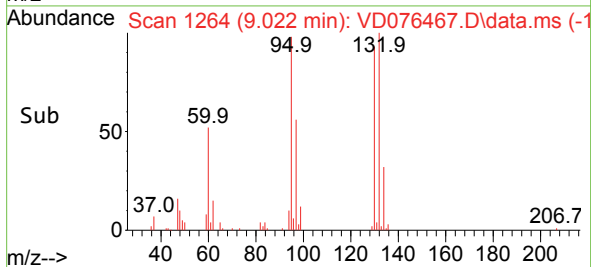
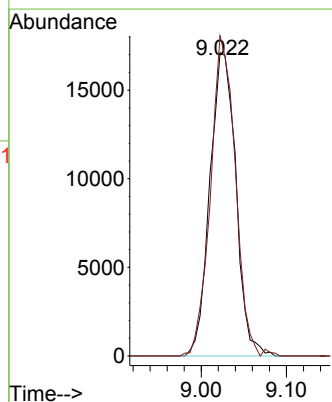
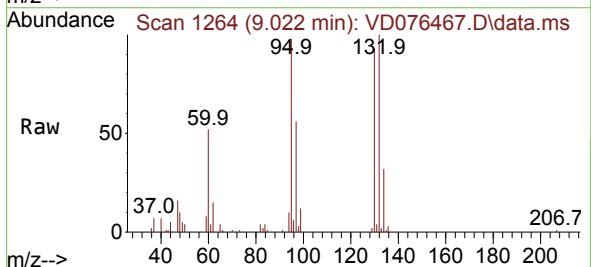
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

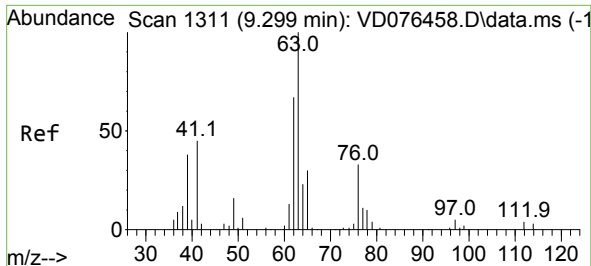
Tgt Ion: 43 Resp: 52497  
Ion Ratio Lower Upper  
43 100  
61 28.5 31.4 47.0#  
87 13.0 14.9 22.3#



#44  
Trichloroethene  
Concen: 19.333 ug/l  
RT: 9.022 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion:130 Resp: 36244  
Ion Ratio Lower Upper  
130 100  
95 105.5 0.0 179.2

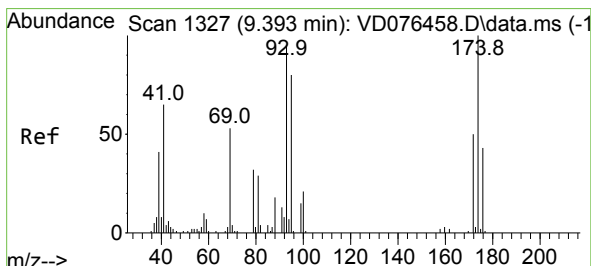
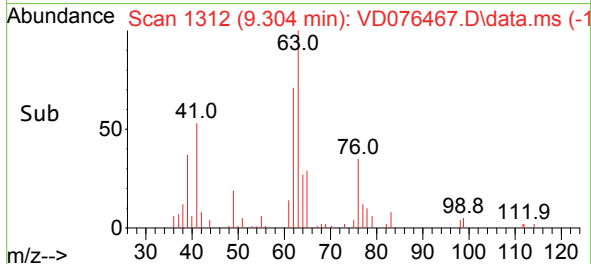
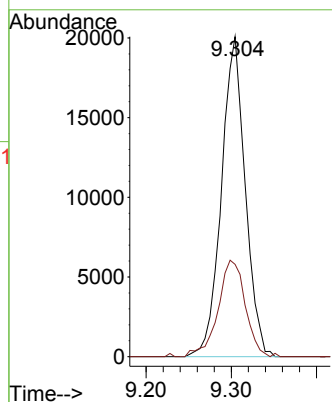
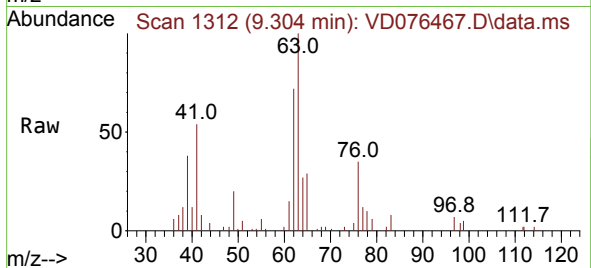




#45  
1,2-Dichloropropane  
Concen: 20.708 ug/l  
RT: 9.304 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

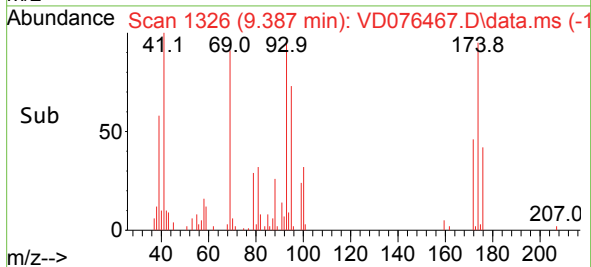
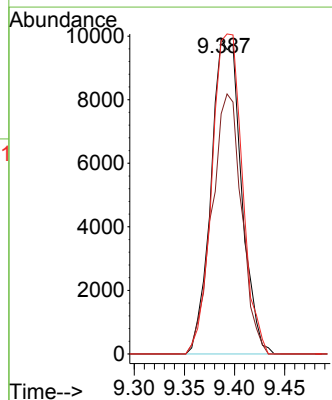
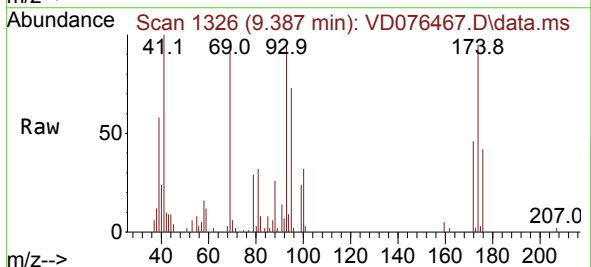
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

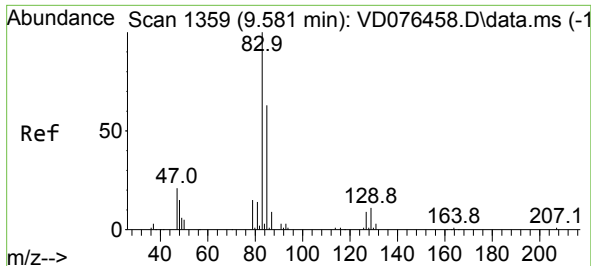
Tgt Ion: 63 Resp: 39019  
Ion Ratio Lower Upper  
63 100  
65 28.9 24.5 36.7



#46  
Dibromomethane  
Concen: 20.592 ug/l  
RT: 9.387 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 93 Resp: 20786  
Ion Ratio Lower Upper  
93 100  
95 81.1 67.7 101.5  
174 101.6 85.4 128.2

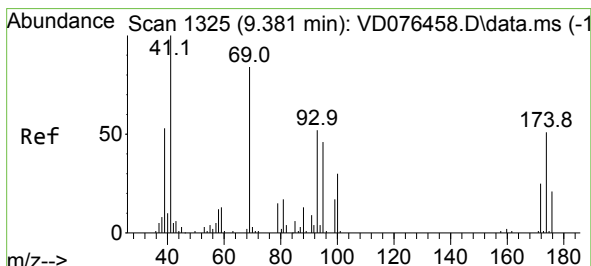
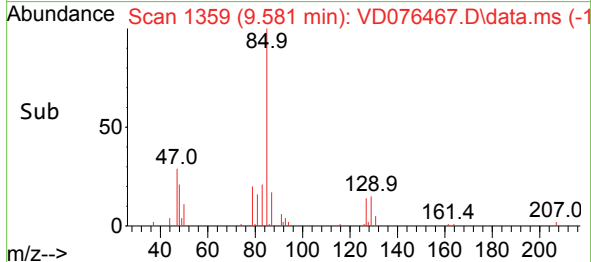
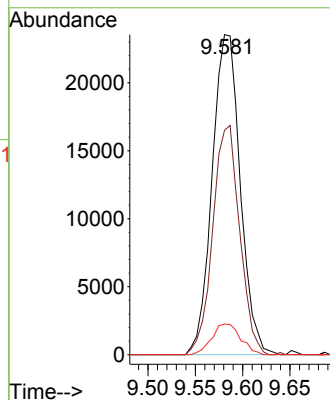
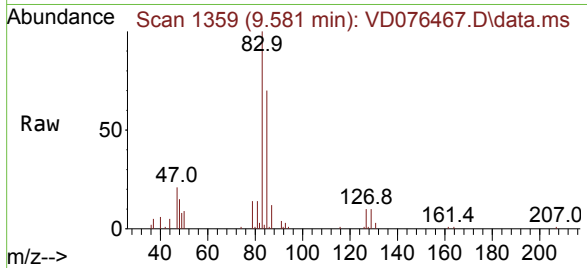




#47  
Bromodichloromethane  
Concen: 20.134 ug/l  
RT: 9.581 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

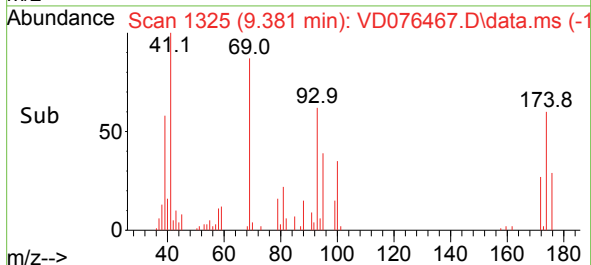
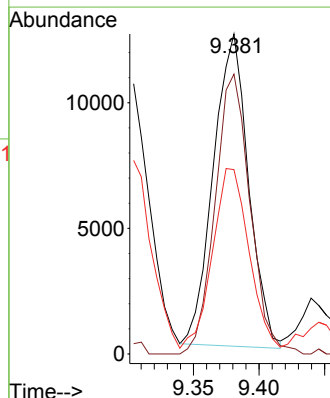
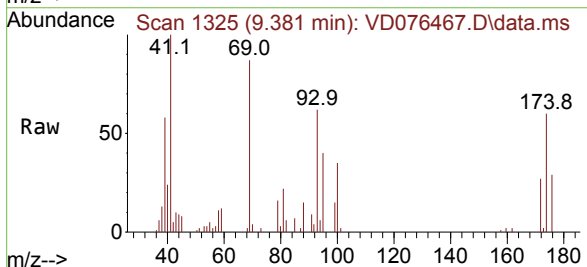
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBS01

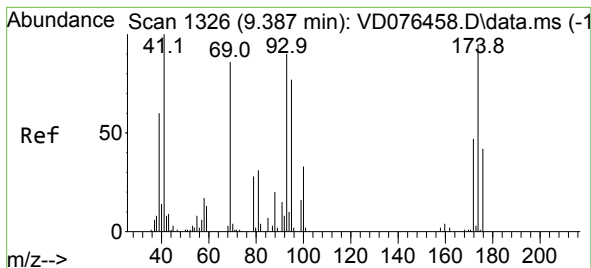
Tgt Ion: 83 Resp: 48635  
Ion Ratio Lower Upper  
83 100  
85 70.1 50.2 75.4  
127 9.6 6.3 9.5#



#48  
Methyl methacrylate  
Concen: 20.235 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 41 Resp: 23187  
Ion Ratio Lower Upper  
41 100  
69 89.4 102.2 153.2#  
39 60.0 41.4 62.2





#49

1,4-Dioxane

Concen: 428.224 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076467.D

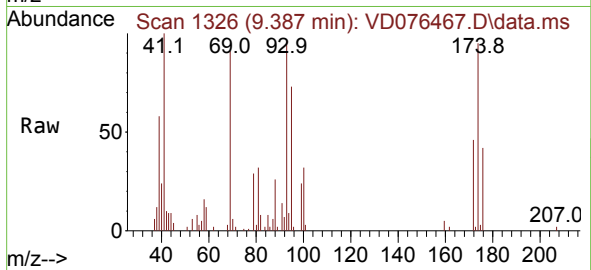
Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0619SBSD01



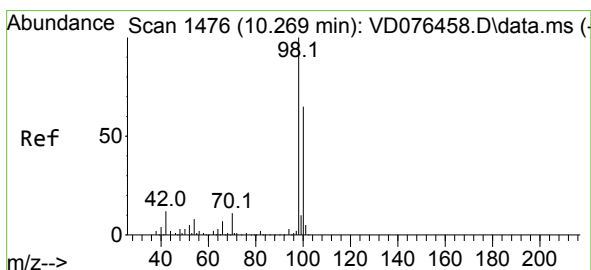
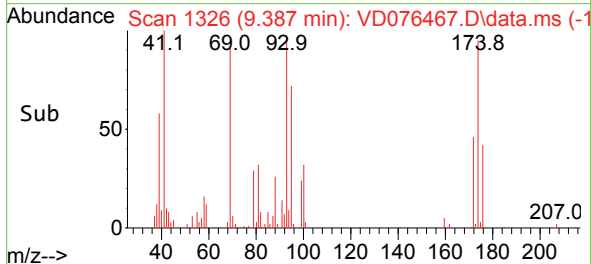
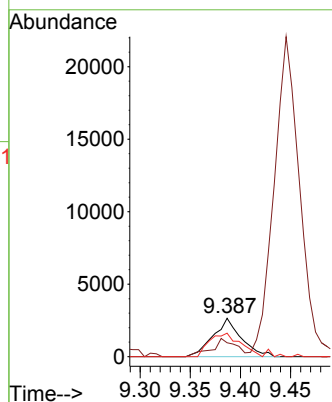
Tgt Ion: 88 Resp: 5179

Ion Ratio Lower Upper

88 100

43 40.3 19.0 28.6#

58 67.5 43.5 65.3#



#50

Toluene-d8

Concen: 44.591 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076467.D

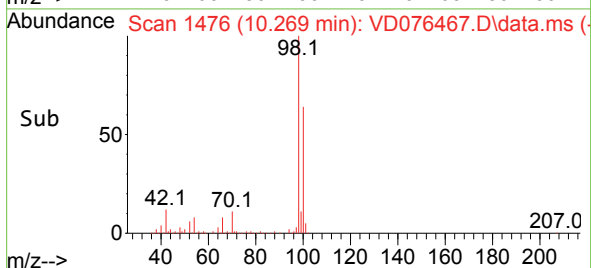
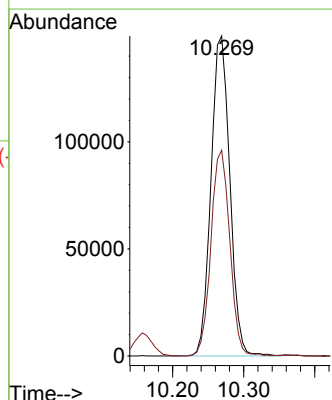
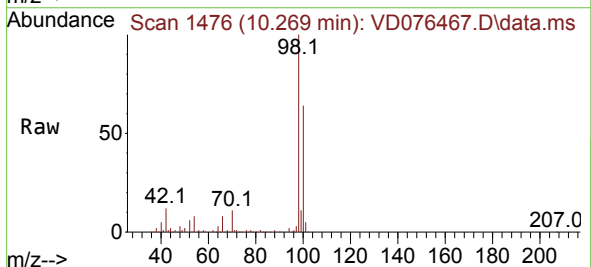
Acq: 19 Jun 2023 13:41

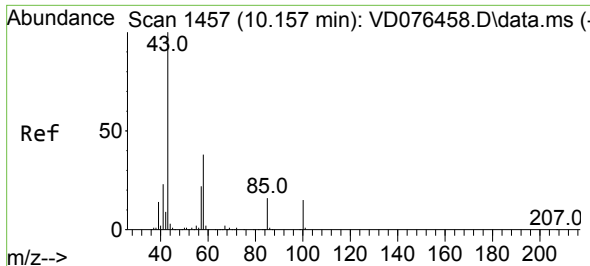
Tgt Ion: 98 Resp: 275203

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

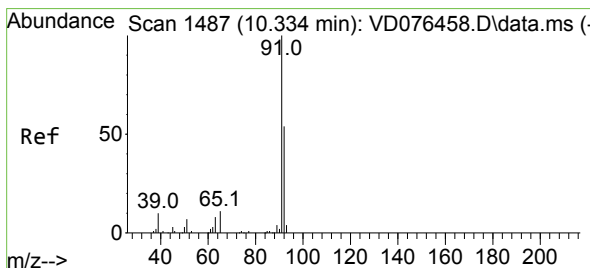
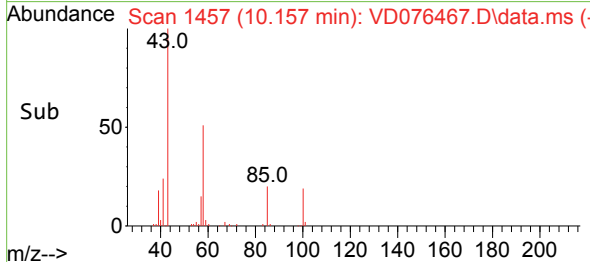
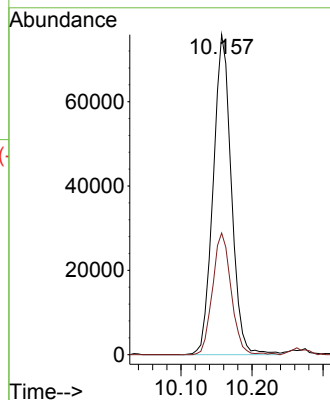
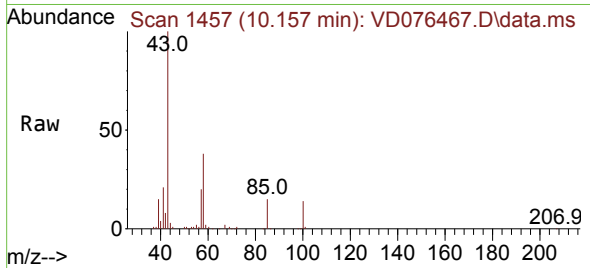




#51  
4-Methyl-2-Pentanone  
Concen: 105.464 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

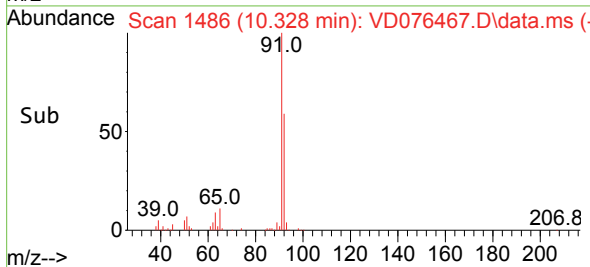
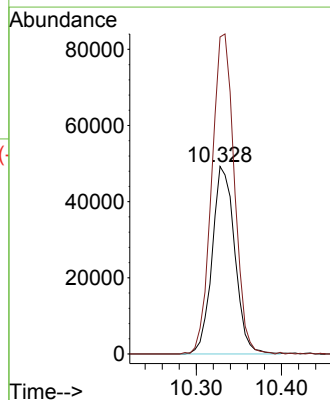
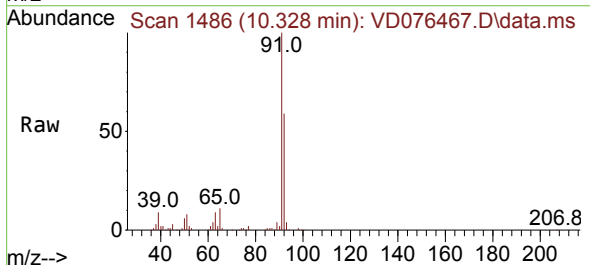
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBS01

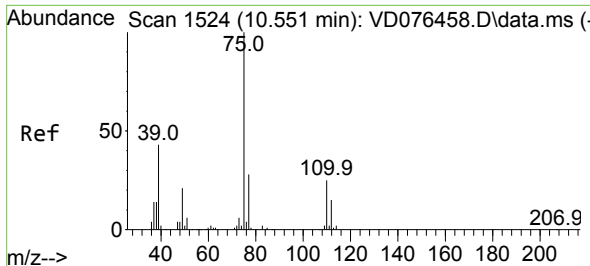
Tgt Ion: 43 Resp: 134781  
Ion Ratio Lower Upper  
43 100  
58 38.9 38.9 58.3



#52  
Toluene  
Concen: 20.804 ug/l  
RT: 10.328 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 92 Resp: 90726  
Ion Ratio Lower Upper  
92 100  
91 170.8 143.0 214.4

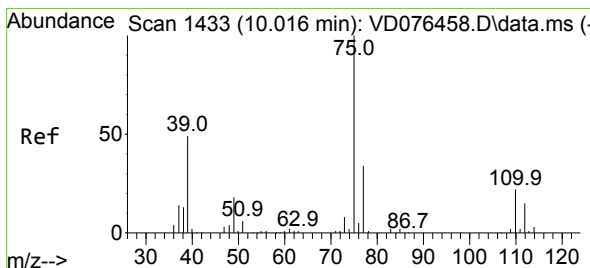
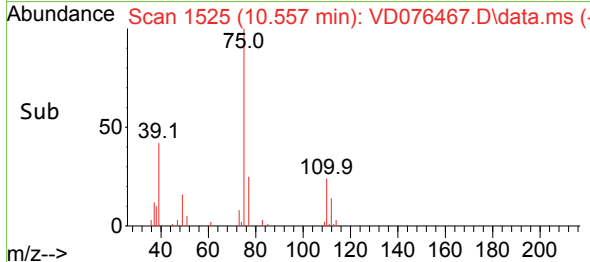
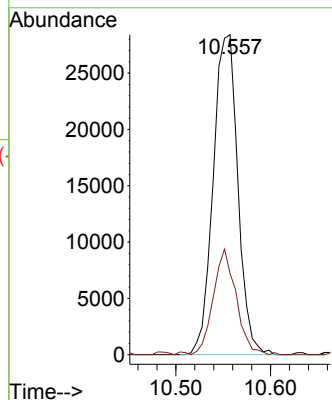
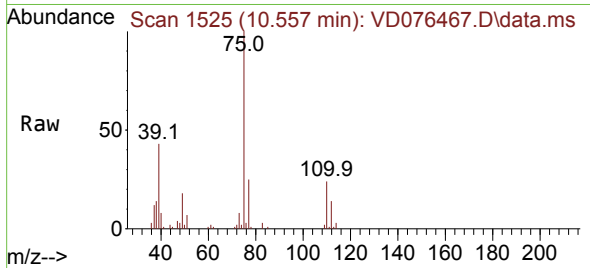




#53  
 t-1,3-Dichloropropene  
 Concen: 20.960 ug/l  
 RT: 10.557 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

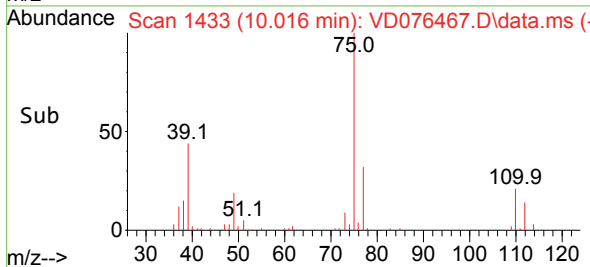
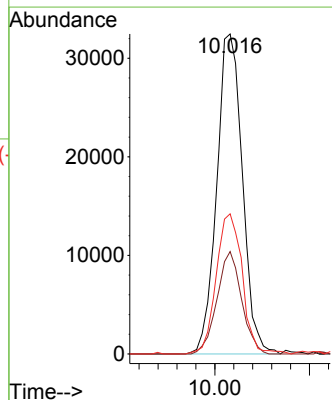
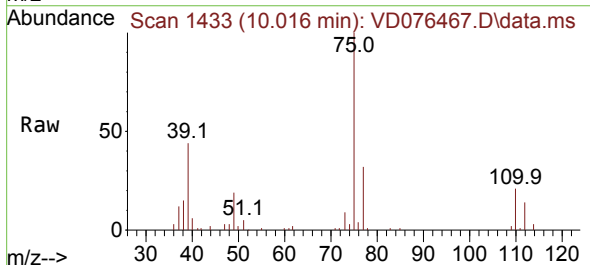
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBSD01

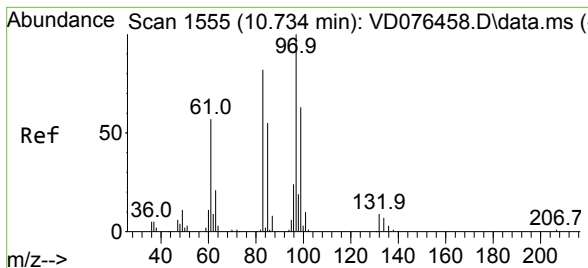
Tgt Ion: 75 Resp: 51375  
 Ion Ratio Lower Upper  
 75 100  
 77 25.3 25.3 37.9



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.001 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. -0.000 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

Tgt Ion: 75 Resp: 61030  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.5 38.3  
 39 43.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.538 ug/l

RT: 10.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0619SBSD01

Tgt Ion: 97 Resp: 28998

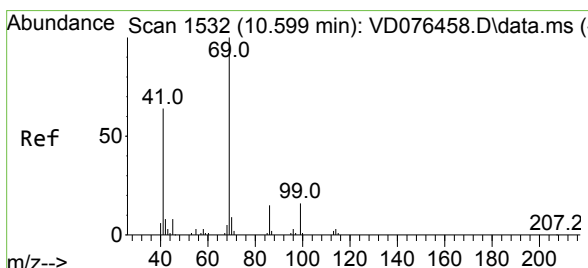
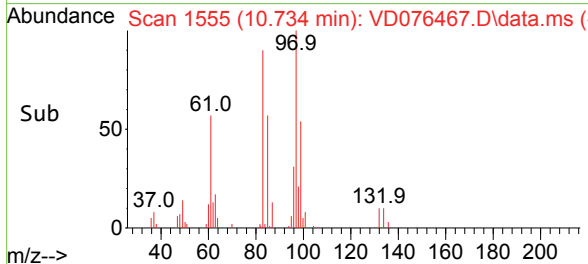
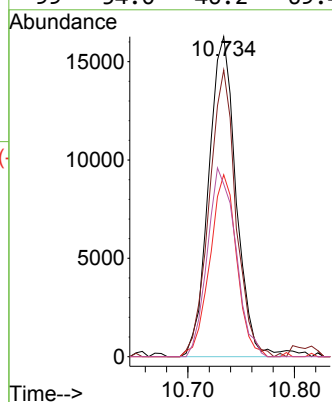
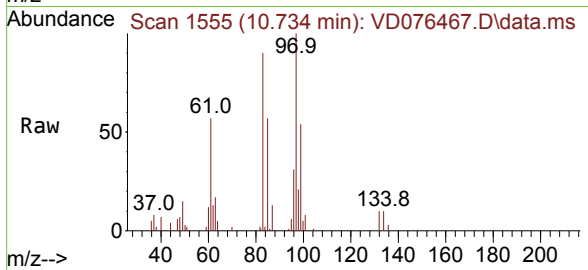
Ion Ratio Lower Upper

97 100

83 89.6 65.8 98.6

85 56.9 45.7 68.5

99 54.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.748 ug/l

RT: 10.592 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

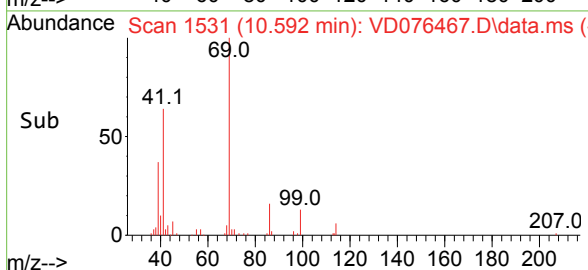
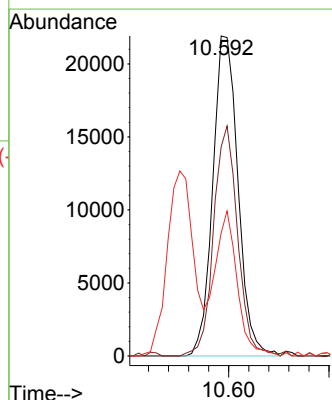
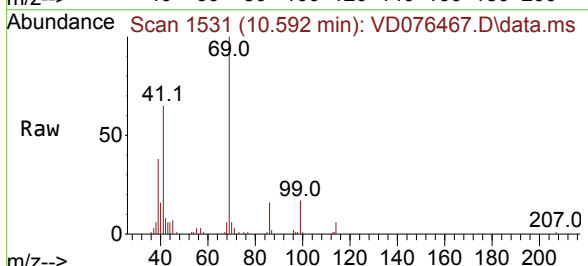
Tgt Ion: 69 Resp: 38251

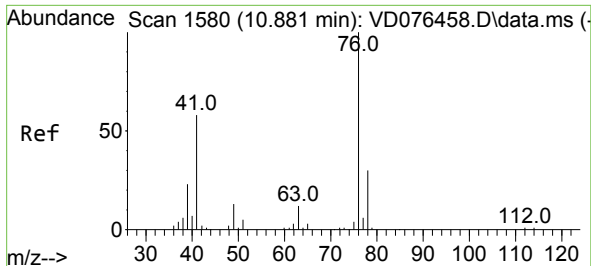
Ion Ratio Lower Upper

69 100

41 68.9 39.1 58.7#

39 40.5 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.053 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

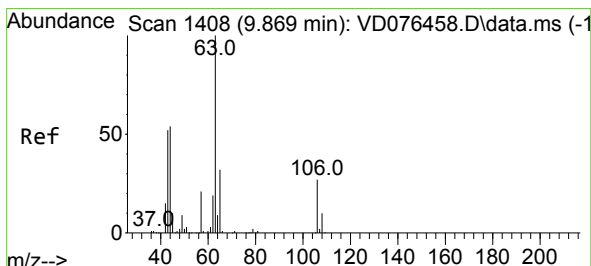
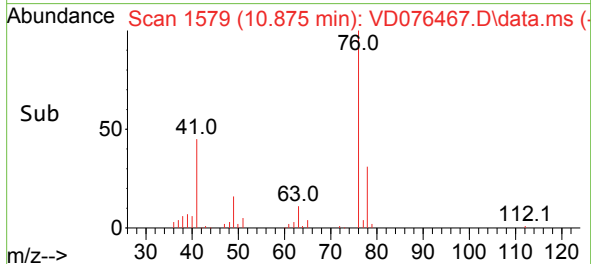
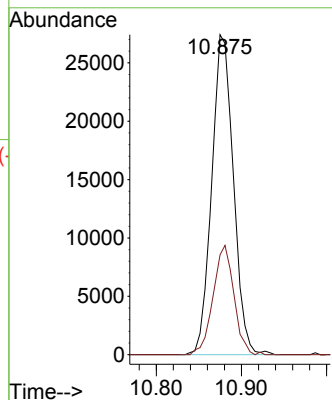
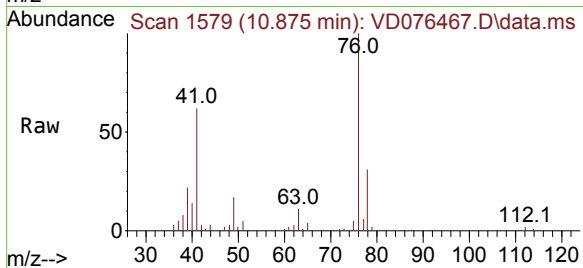
VD0619SBS01

Tgt Ion: 76 Resp: 48477

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.381 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076467.D

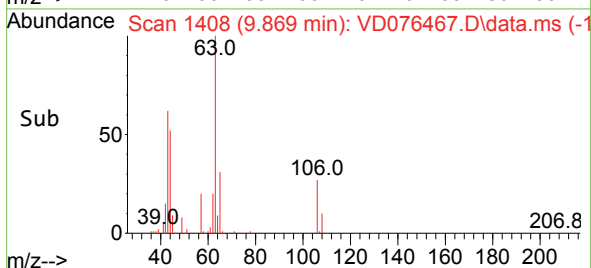
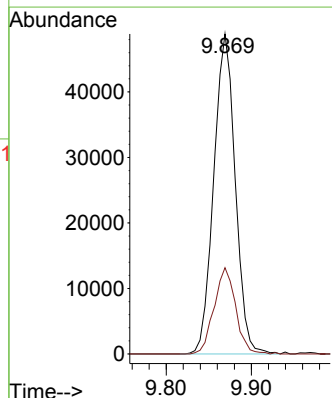
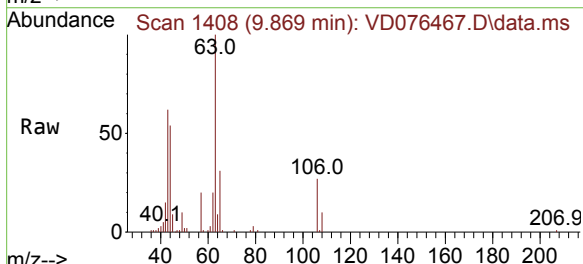
Acq: 19 Jun 2023 13:41

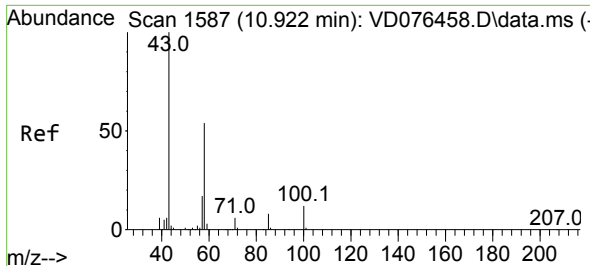
Tgt Ion: 63 Resp: 85493

Ion Ratio Lower Upper

63 100

106 27.0 25.3 37.9

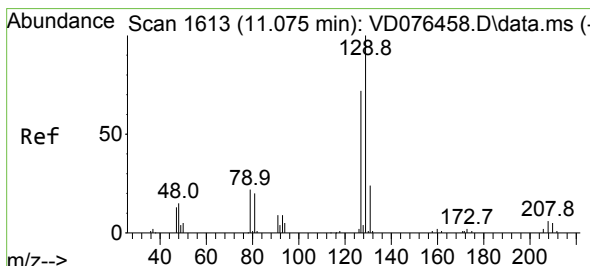
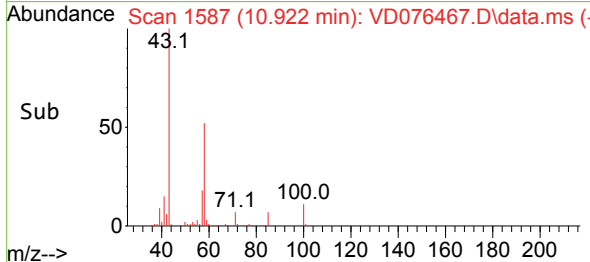
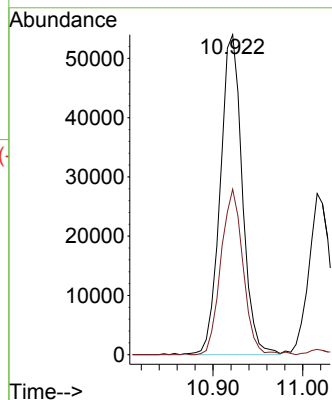
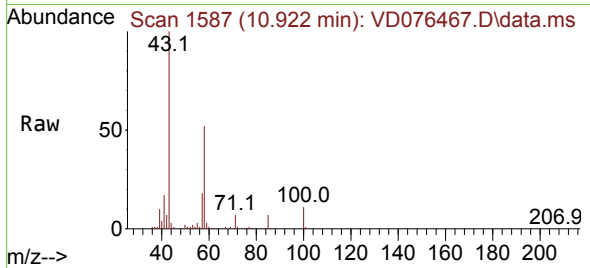




#59  
2-Hexanone  
Concen: 103.537 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

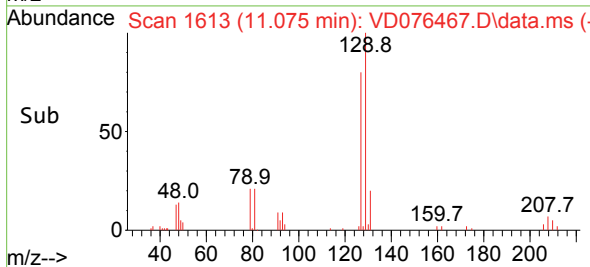
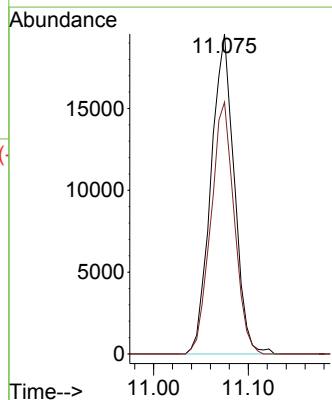
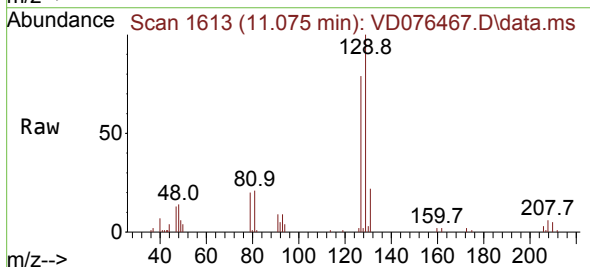
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

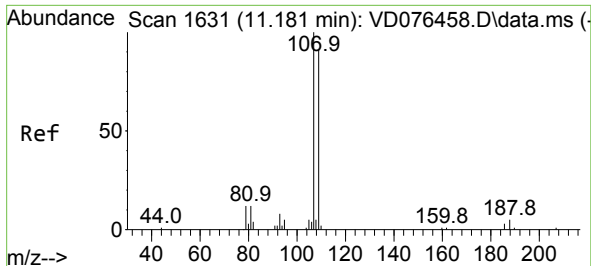
Tgt Ion: 43 Resp: 92041  
Ion Ratio Lower Upper  
43 100  
58 52.0 34.1 102.2



#60  
Dibromochloromethane  
Concen: 20.301 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 129 Resp: 33358  
Ion Ratio Lower Upper  
129 100  
127 78.9 37.1 111.5

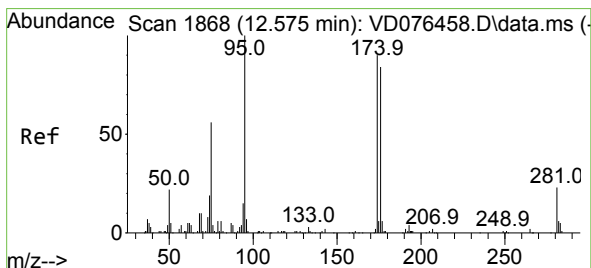
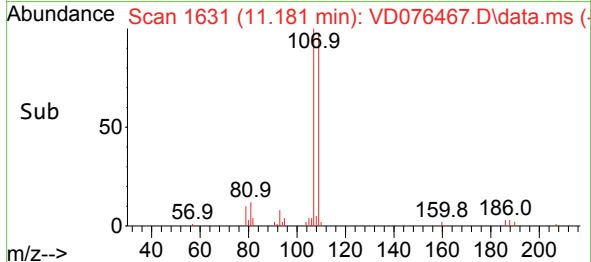
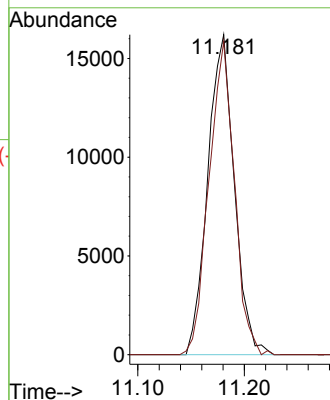
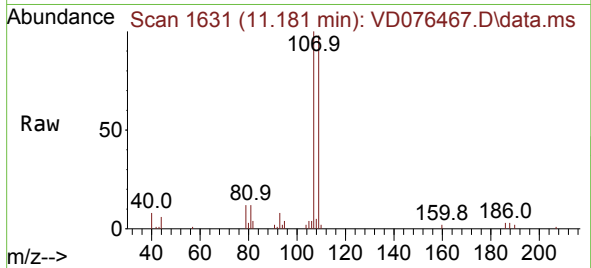




#61  
1,2-Dibromoethane  
Concen: 21.172 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

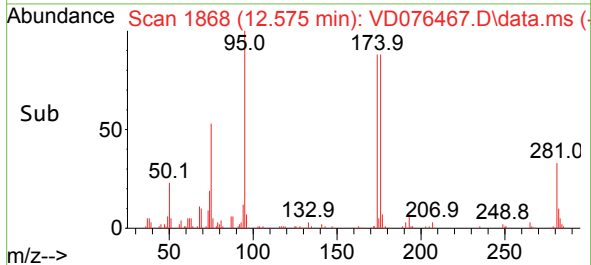
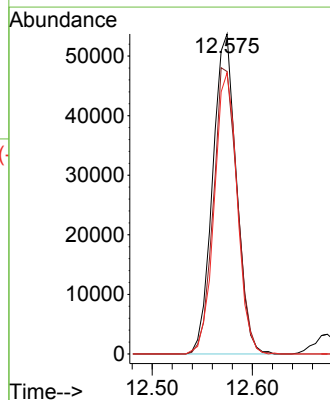
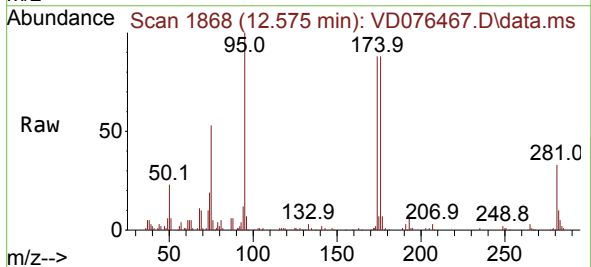
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBS01

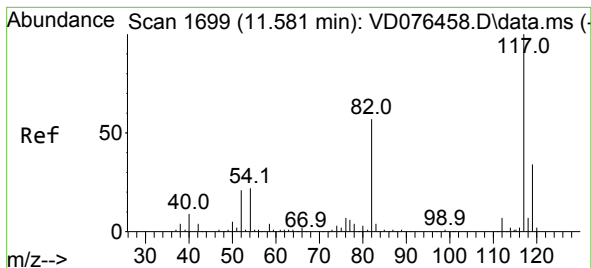
Tgt Ion:107 Resp: 28062  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 44.098 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 95 Resp: 88327  
Ion Ratio Lower Upper  
95 100  
174 89.5 0.0 201.8  
176 84.8 0.0 191.8

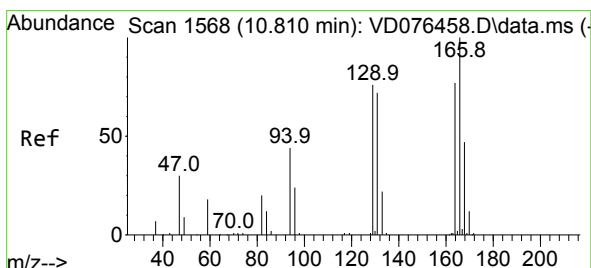
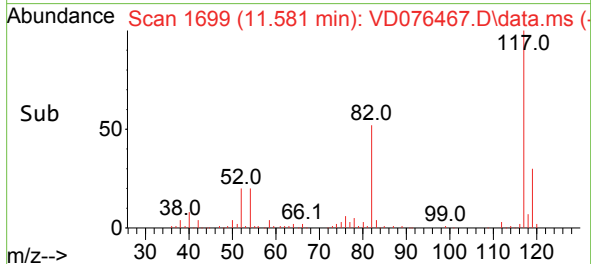
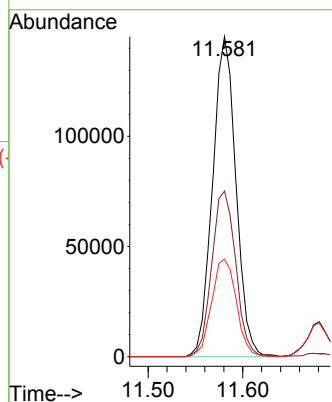
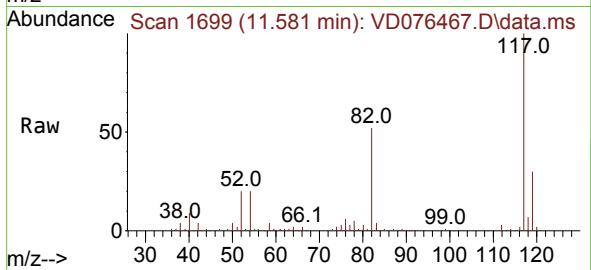




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

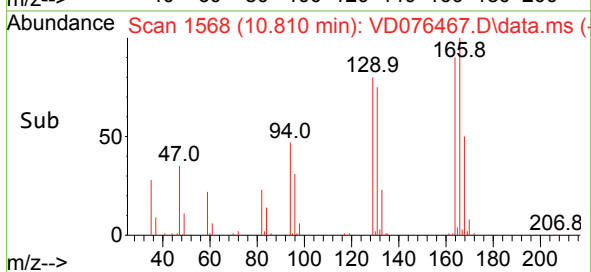
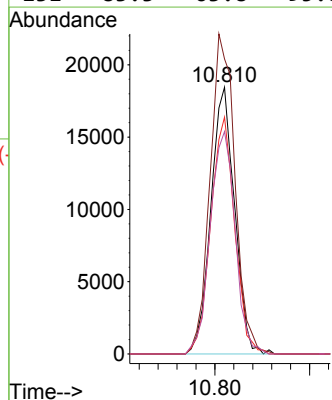
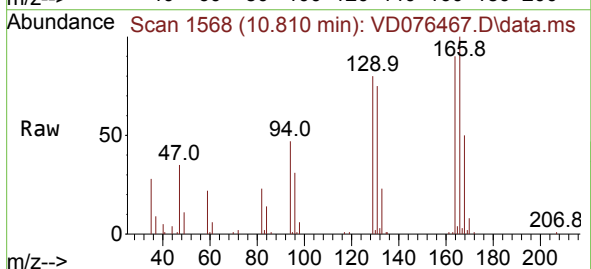
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

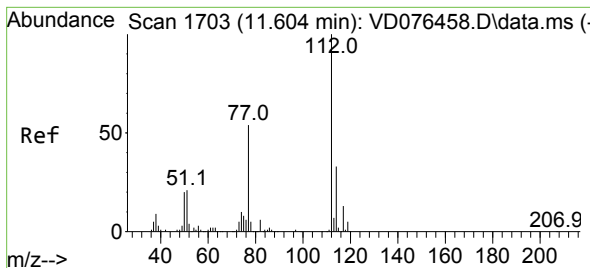
Tgt Ion:117 Resp: 249065  
Ion Ratio Lower Upper  
117 100  
82 51.7 38.3 57.5  
119 30.5 25.0 37.4



#64  
Tetrachloroethene  
Concen: 21.478 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion:164 Resp: 32111  
Ion Ratio Lower Upper  
164 100  
166 110.6 99.2 148.8  
129 88.7 68.4 102.6  
131 83.3 63.8 95.8

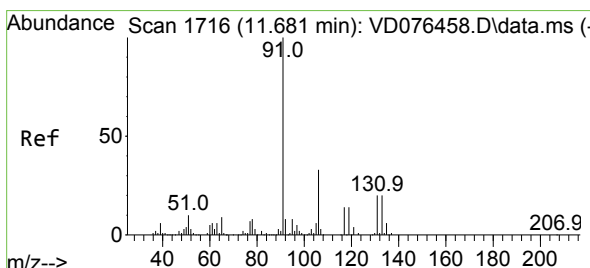
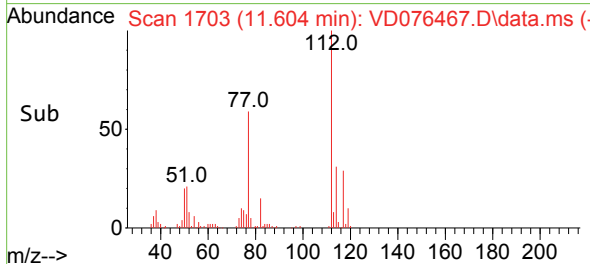
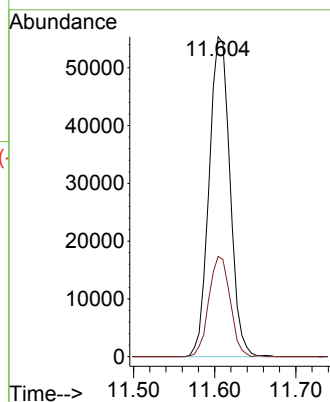
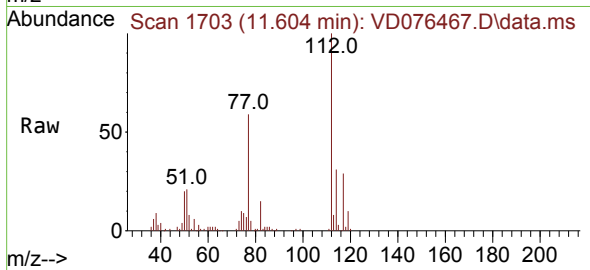




#65  
Chlorobenzene  
Concen: 20.940 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

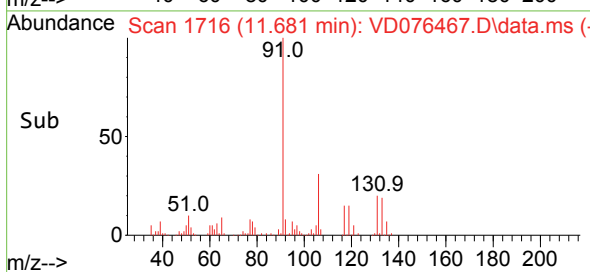
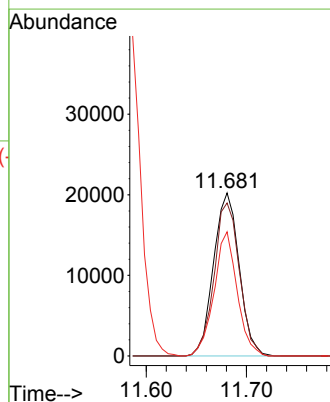
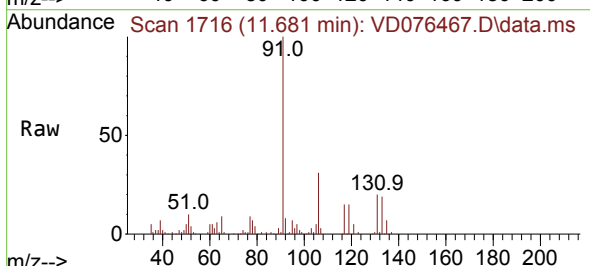
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

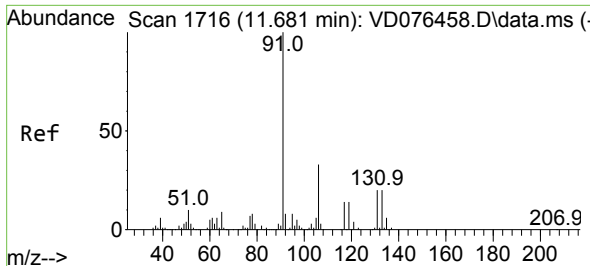
Tgt Ion:112 Resp: 99085  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.191 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion:131 Resp: 35860  
Ion Ratio Lower Upper  
131 100  
133 92.9 48.5 145.5  
119 69.0 35.6 106.9

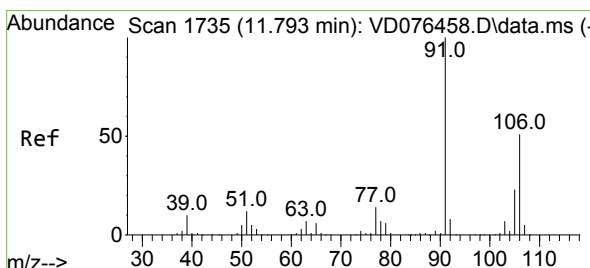
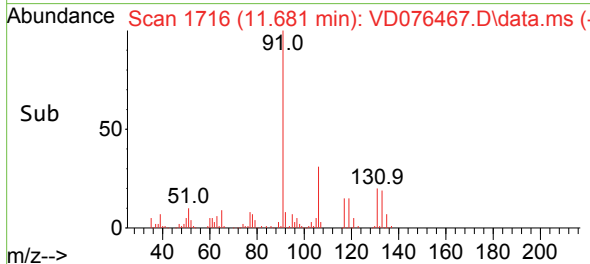
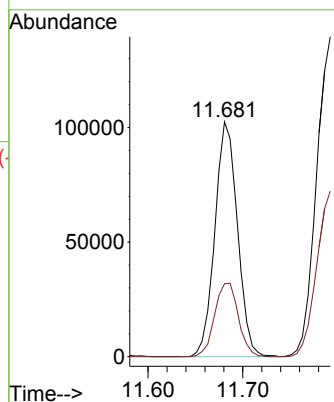
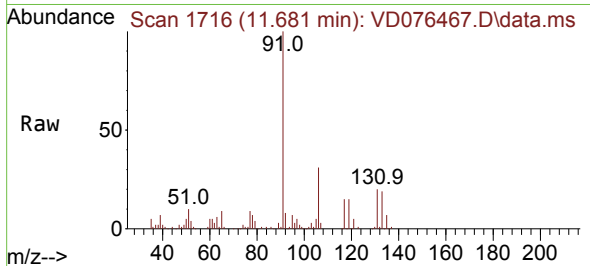




#67  
Ethyl Benzene  
Concen: 20.238 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

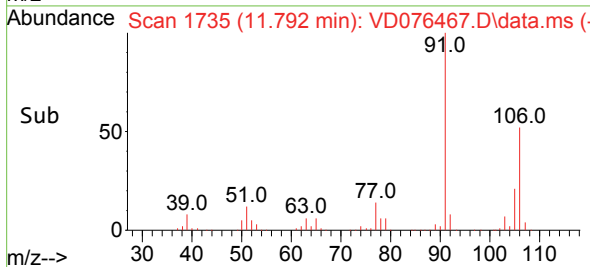
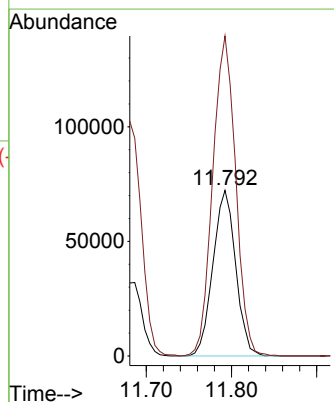
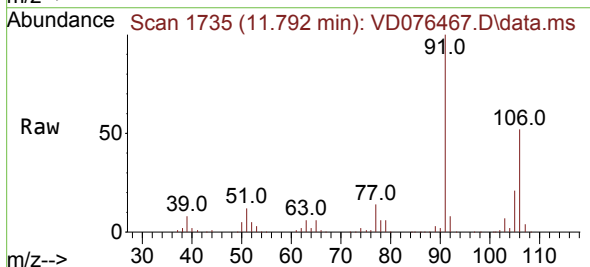
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

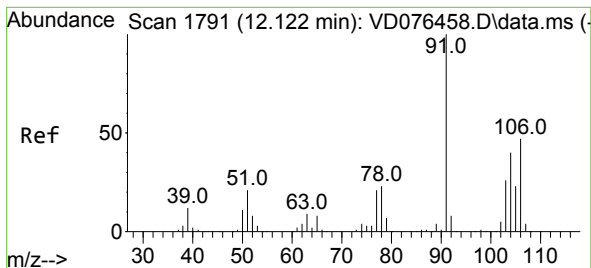
Tgt Ion: 91 Resp: 169682  
Ion Ratio Lower Upper  
91 100  
106 31.1 26.5 39.7



#68  
m/p-Xylenes  
Concen: 40.926 ug/l  
RT: 11.792 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 106 Resp: 133945  
Ion Ratio Lower Upper  
106 100  
91 195.4 147.0 220.6





#69

o-Xylene

Concen: 20.098 ug/l

RT: 12.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

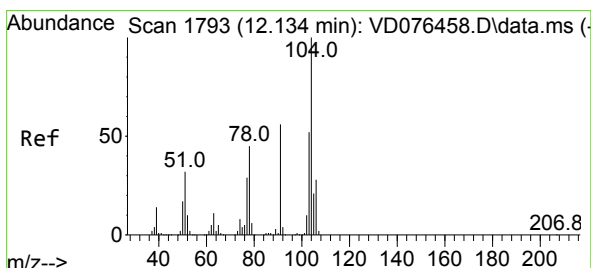
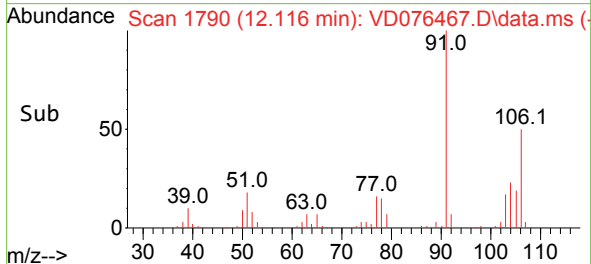
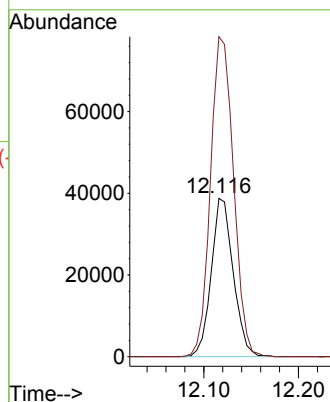
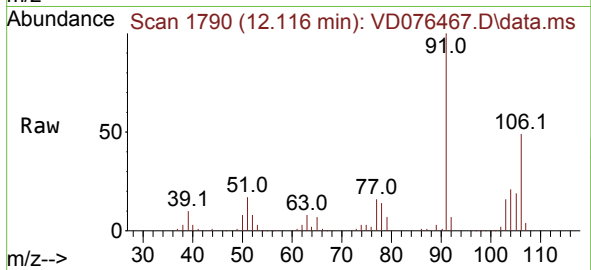
VD0619SBSD01

Tgt Ion:106 Resp: 62614

Ion Ratio Lower Upper

106 100

91 212.1 97.9 293.6



#70

Styrene

Concen: 19.918 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

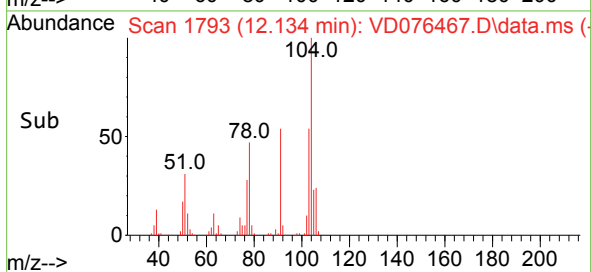
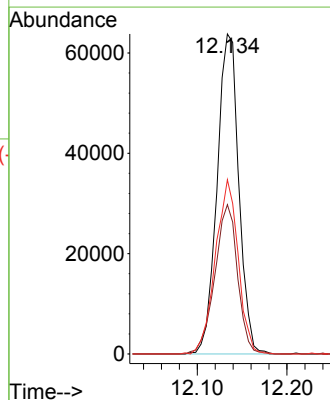
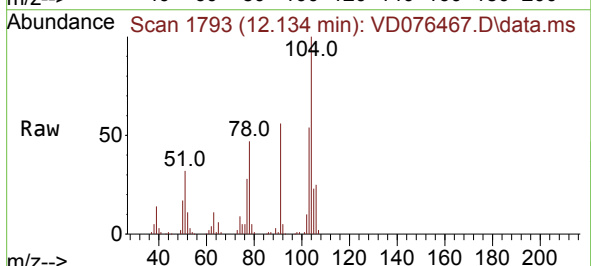
Tgt Ion:104 Resp: 107192

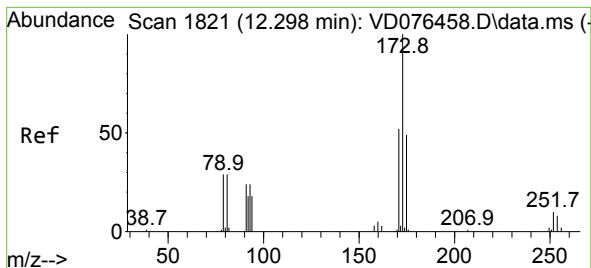
Ion Ratio Lower Upper

104 100

78 48.8 33.2 49.8

103 57.1 43.6 65.4





#71

Bromoform

Concen: 20.735 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0619SBSD01

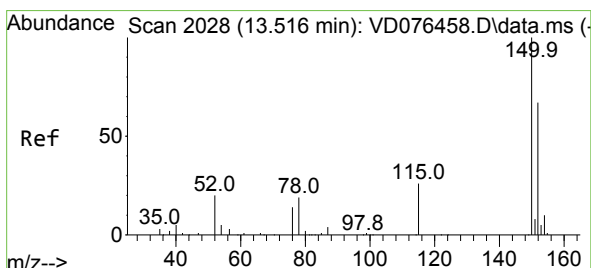
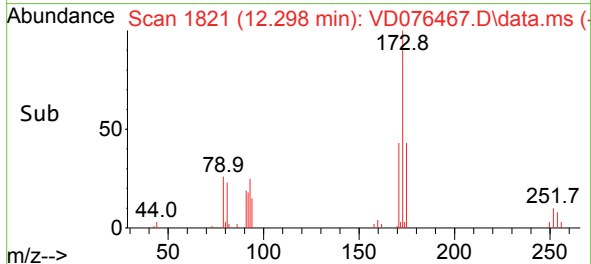
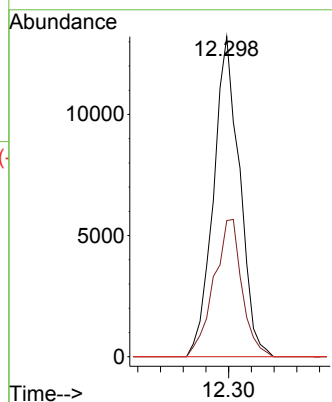
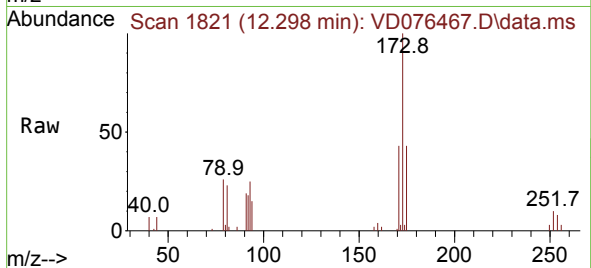
Tgt Ion:173 Resp: 21068

Ion Ratio Lower Upper

173 100

175 46.1 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

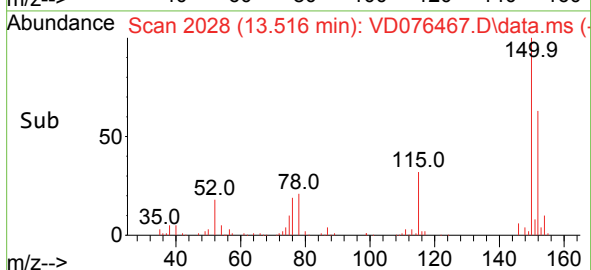
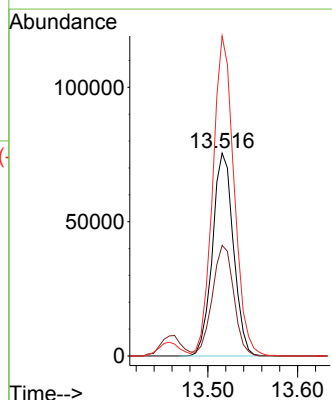
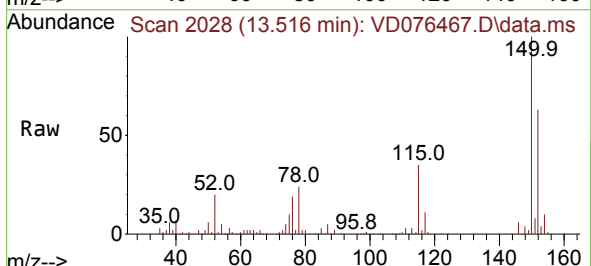
Tgt Ion:152 Resp: 122671

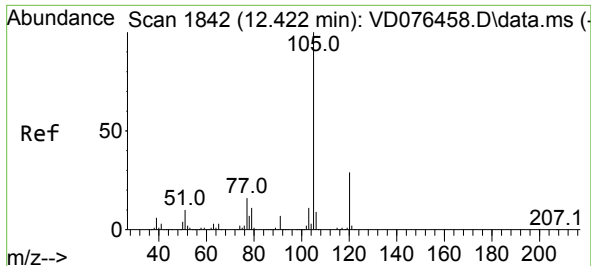
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 160.5 0.0 353.6

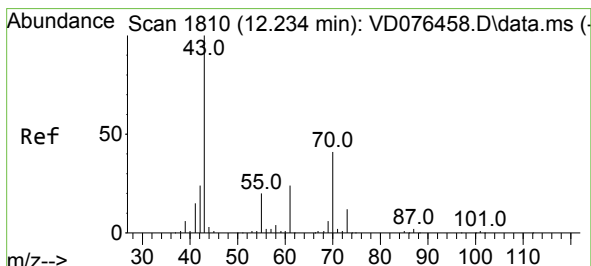
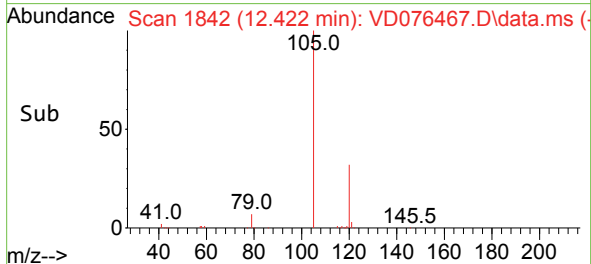
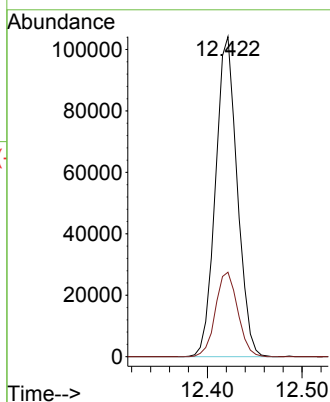
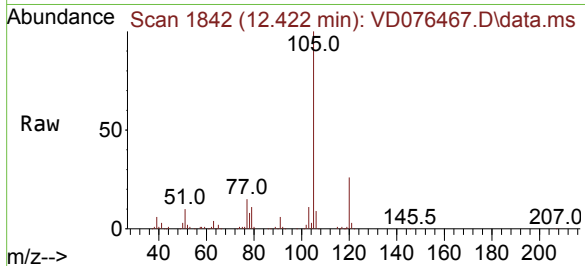




#73  
Isopropylbenzene  
Concen: 20.084 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

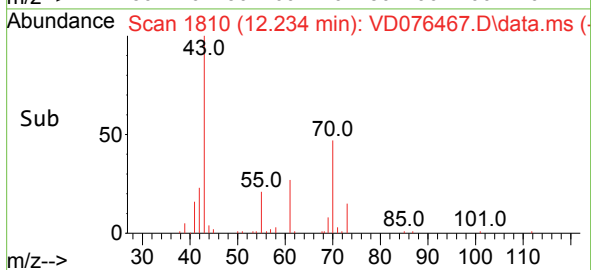
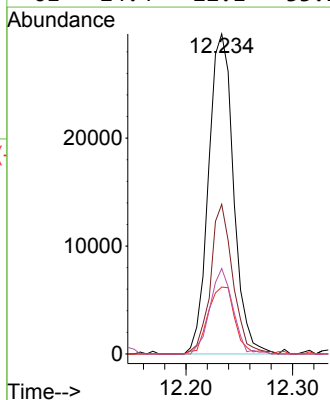
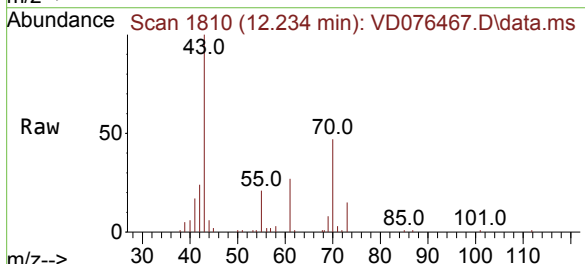
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

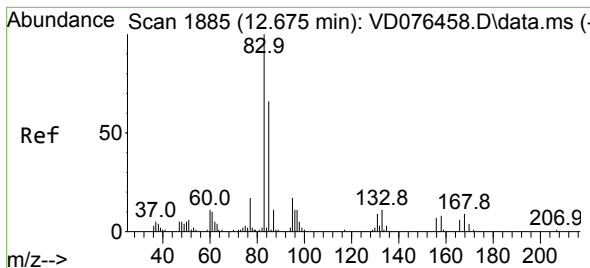
Tgt Ion:105 Resp: 165873  
Ion Ratio Lower Upper  
105 100  
120 27.1 14.3 42.9



#74  
N-ethyl acetate  
Concen: 19.976 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 43 Resp: 48300  
Ion Ratio Lower Upper  
43 100  
70 41.9 45.0 67.4#  
55 22.4 23.8 35.6#  
61 24.4 22.1 33.1

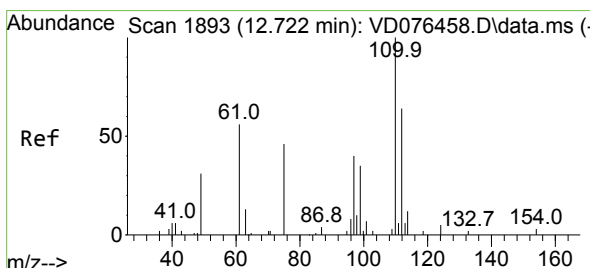
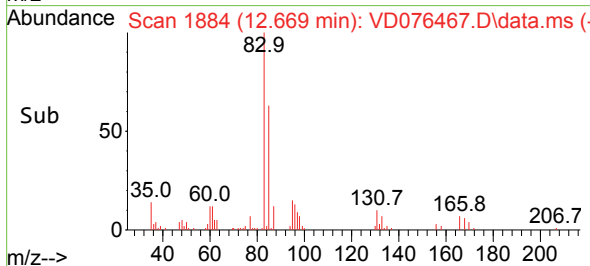
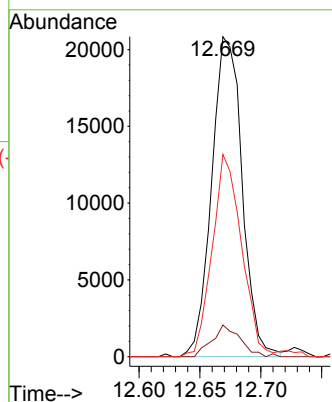
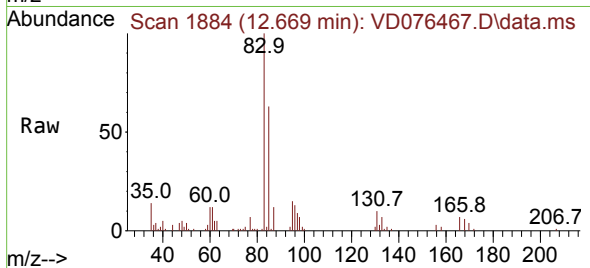




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.283 ug/l  
 RT: 12.669 min Scan# 1884  
 Delta R.T. -0.006 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

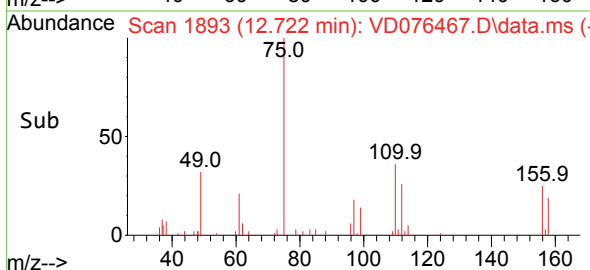
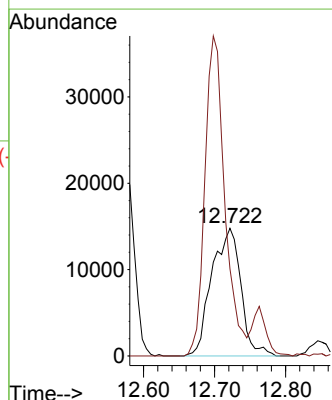
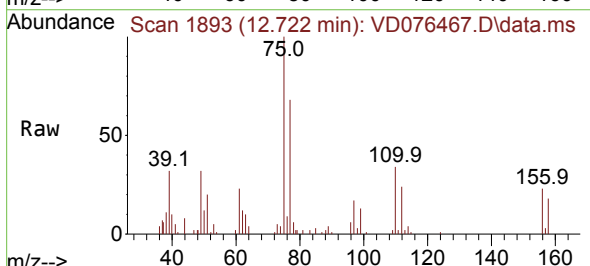
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBSD01

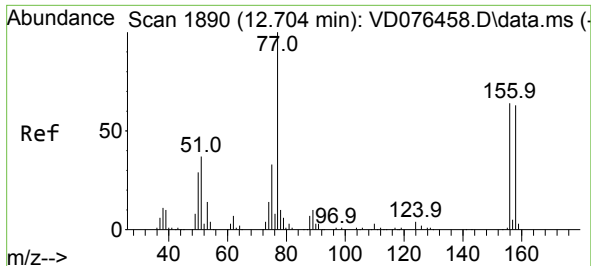
Tgt Ion: 83 Resp: 36272  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 5.1 15.3  
 85 60.8 32.6 97.8



#76  
 1,2,3-Trichloropropane  
 Concen: 34.600 ug/l  
 RT: 12.722 min Scan# 1893  
 Delta R.T. -0.000 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

Tgt Ion: 75 Resp: 42125  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

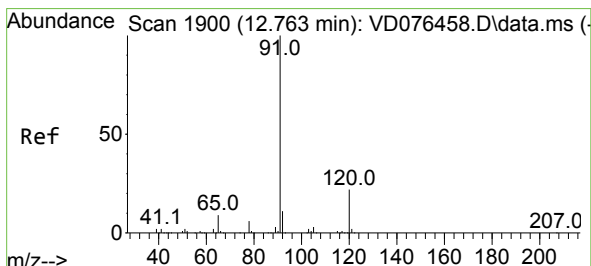
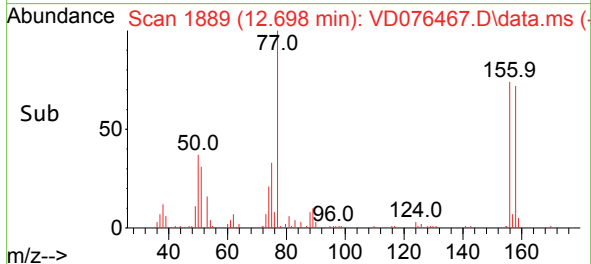
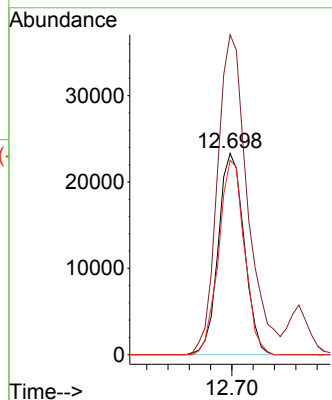
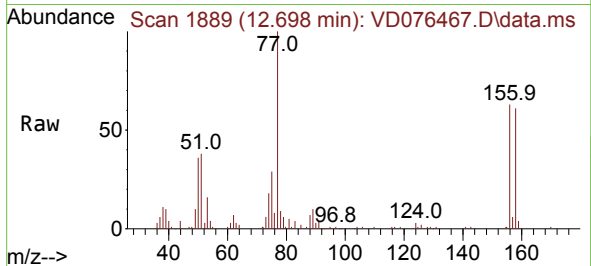




#77  
Bromobenzene  
Concen: 19.230 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

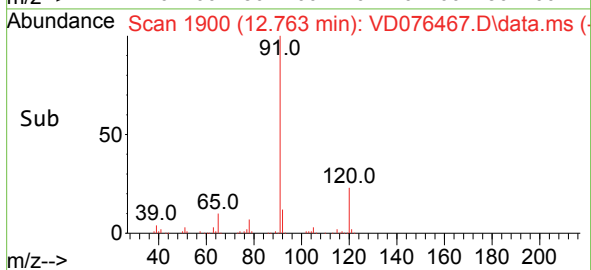
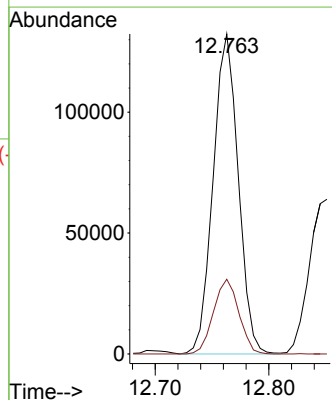
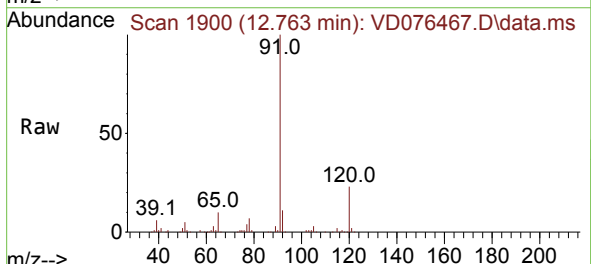
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

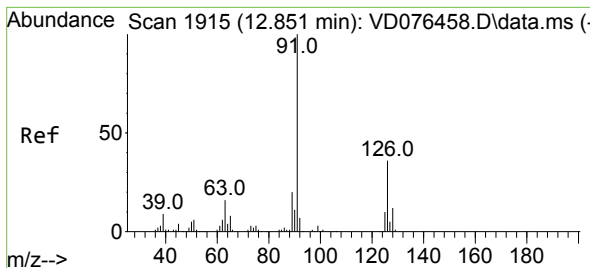
Tgt Ion:156 Resp: 39183  
Ion Ratio Lower Upper  
156 100  
77 185.3 76.8 230.4  
158 96.4 48.6 145.9



#78  
n-propylbenzene  
Concen: 19.940 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 91 Resp: 203345  
Ion Ratio Lower Upper  
91 100  
120 23.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.659 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

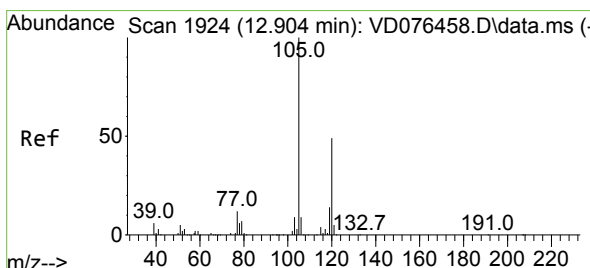
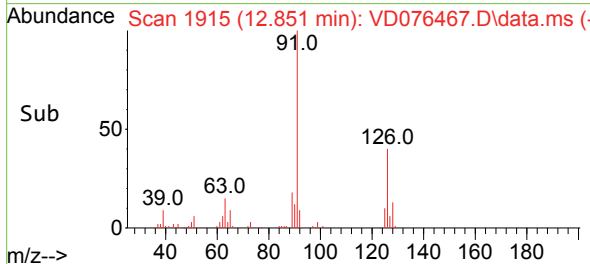
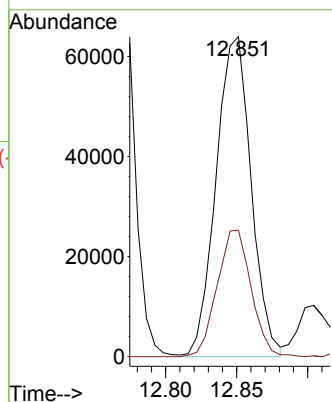
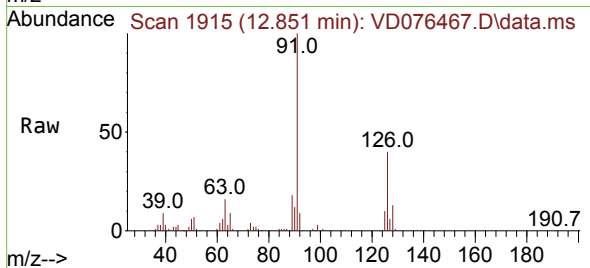
VD0619SBSD01

Tgt Ion: 91 Resp: 110091

Ion Ratio Lower Upper

91 100

126 38.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.557 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076467.D

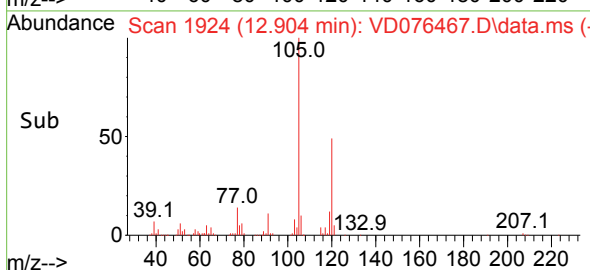
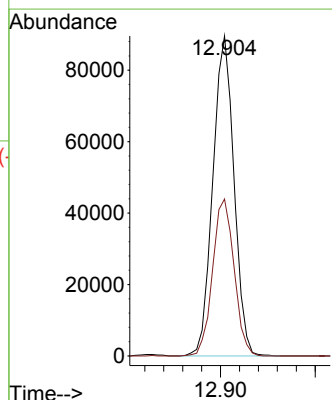
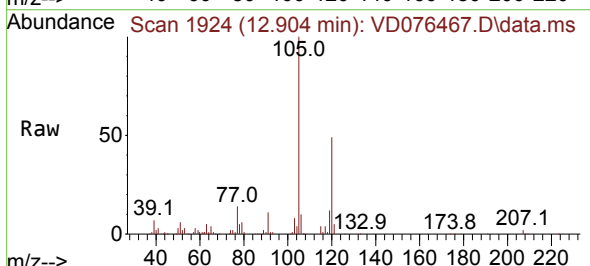
Acq: 19 Jun 2023 13:41

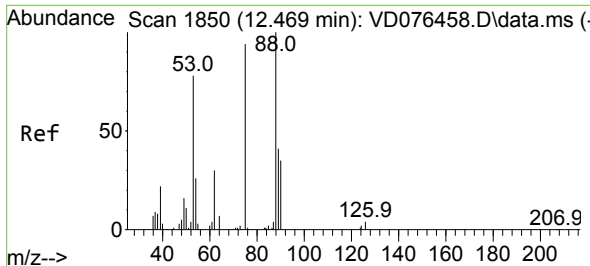
Tgt Ion:105 Resp: 138655

Ion Ratio Lower Upper

105 100

120 49.9 26.4 79.2

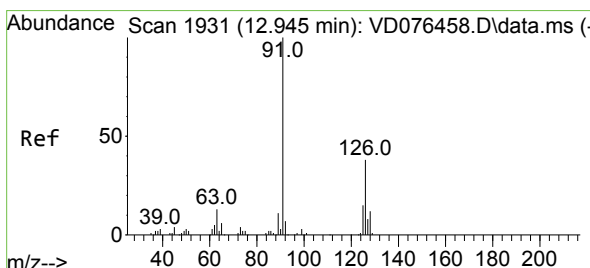
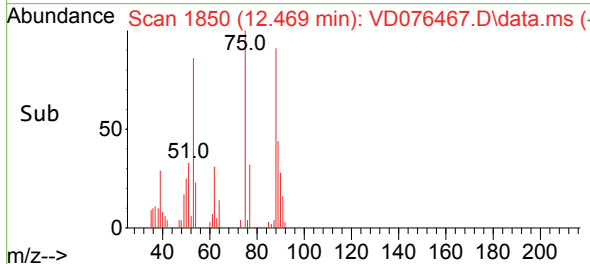
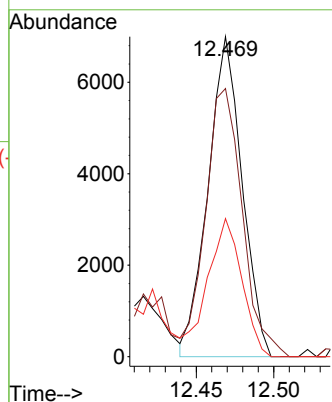
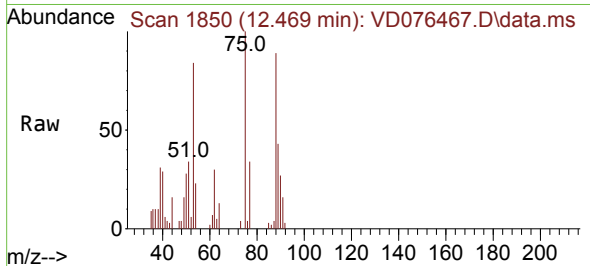




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.208 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

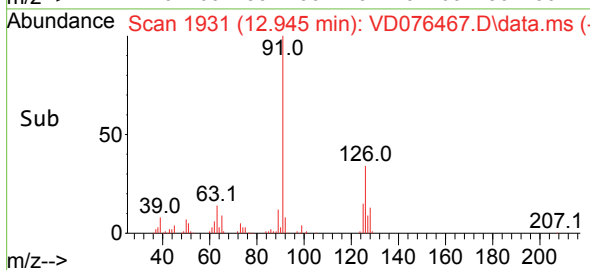
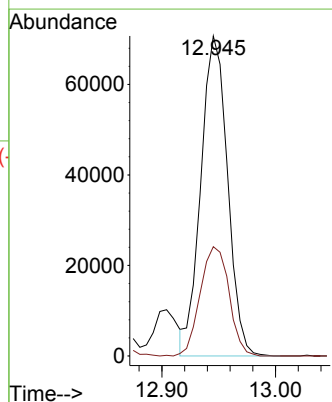
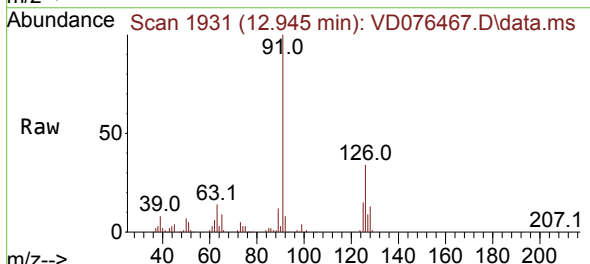
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

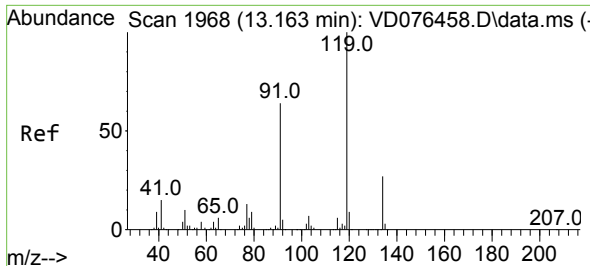
Tgt Ion: 75 Resp: 10672  
Ion Ratio Lower Upper  
75 100  
53 90.8 63.0 94.4  
89 43.5 37.9 56.9



#82  
4-Chlorotoluene  
Concen: 19.847 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 91 Resp: 115425  
Ion Ratio Lower Upper  
91 100  
126 36.9 19.4 58.4

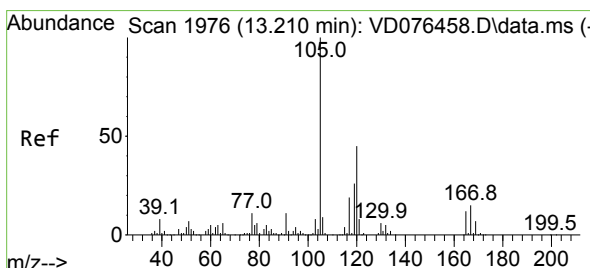
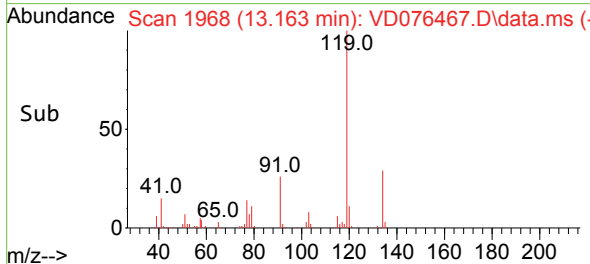
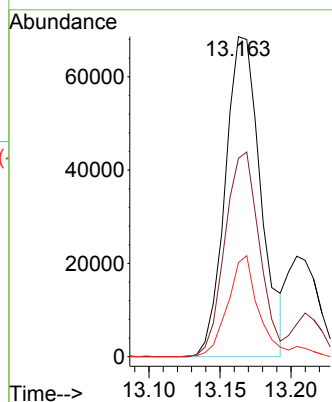
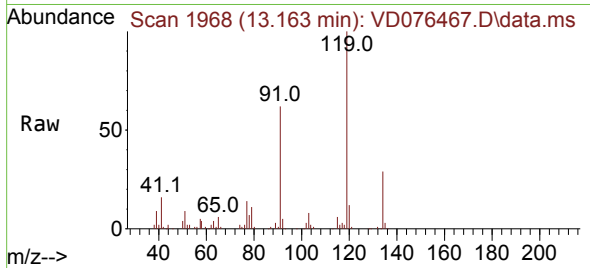




#83  
tert-Butylbenzene  
Concen: 19.928 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

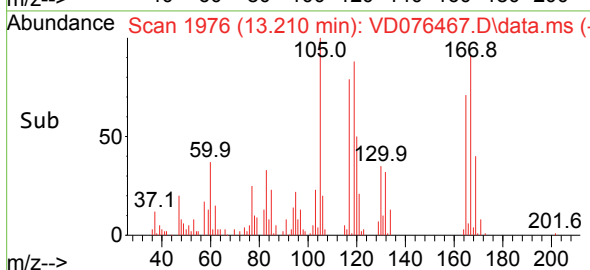
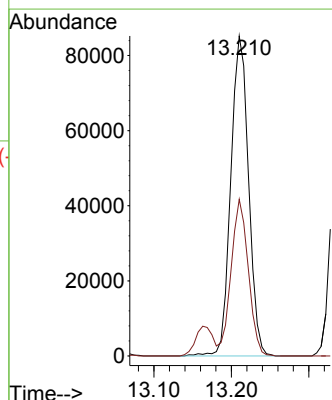
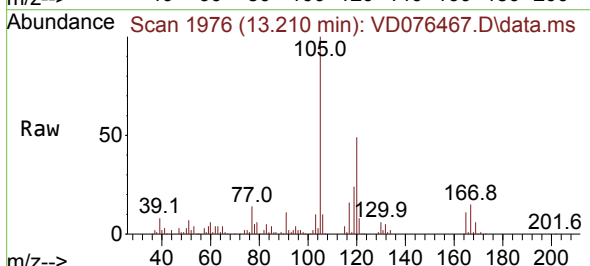
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

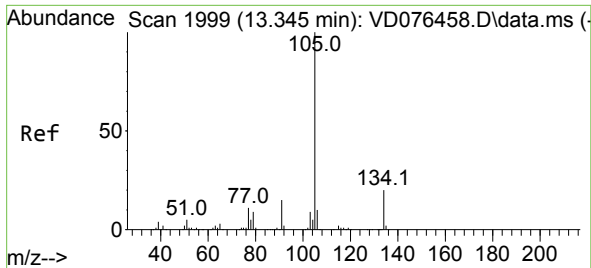
Tgt Ion:119 Resp: 119428  
Ion Ratio Lower Upper  
119 100  
91 62.2 29.3 87.8  
134 27.2 14.1 42.3



#84  
1,2,4-Trimethylbenzene  
Concen: 20.020 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion:105 Resp: 136075  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.3 72.9

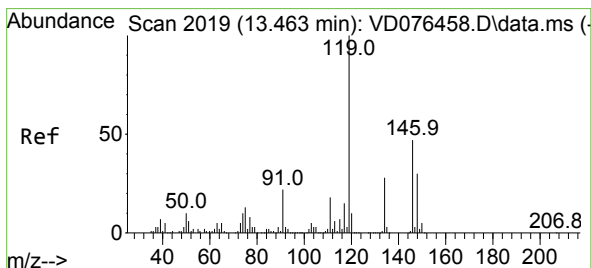
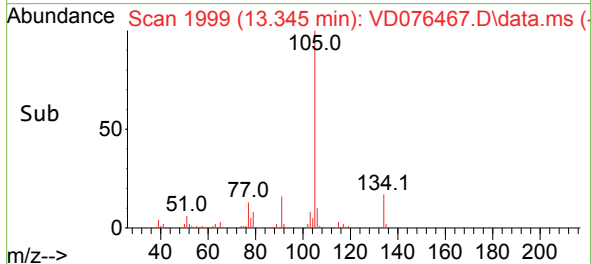
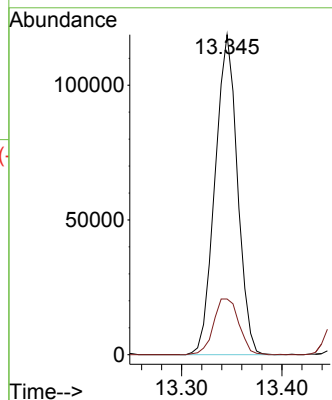
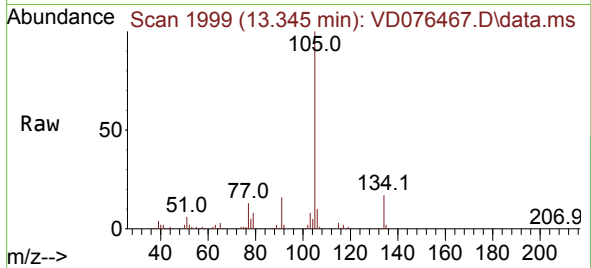




#85  
 sec-Butylbenzene  
 Concen: 20.696 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

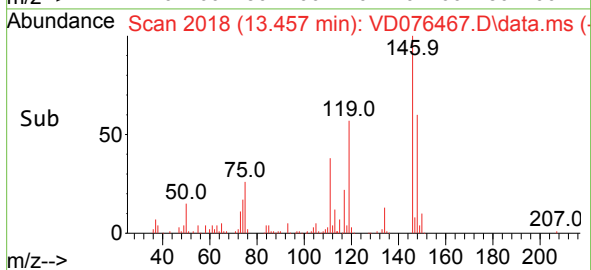
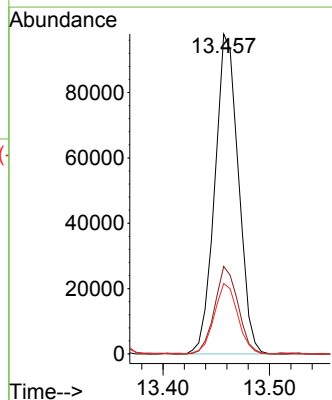
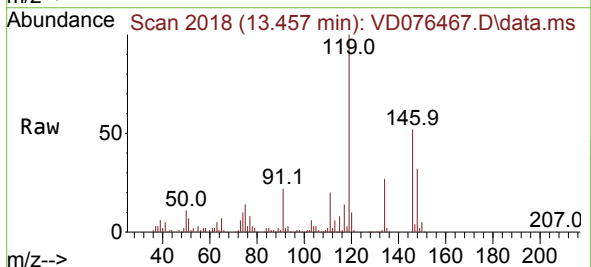
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0619SBSD01

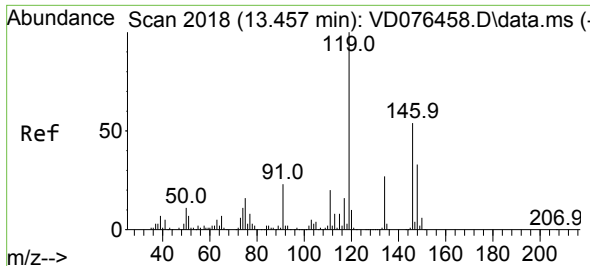
Tgt Ion:105 Resp: 184062  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 10.9 32.9



#86  
 p-Isopropyltoluene  
 Concen: 20.216 ug/l  
 RT: 13.457 min Scan# 2018  
 Delta R.T. -0.006 min  
 Lab File: VD076467.D  
 Acq: 19 Jun 2023 13:41

Tgt Ion:119 Resp: 150229  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 14.2 42.6  
 91 22.1 10.5 31.5

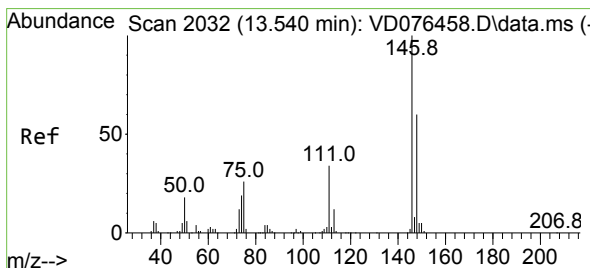
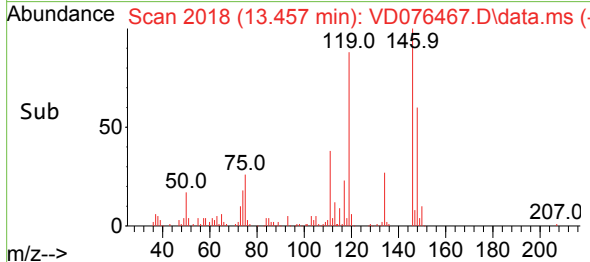
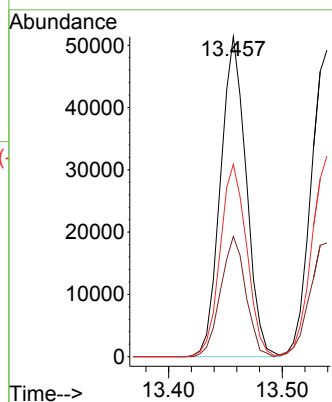
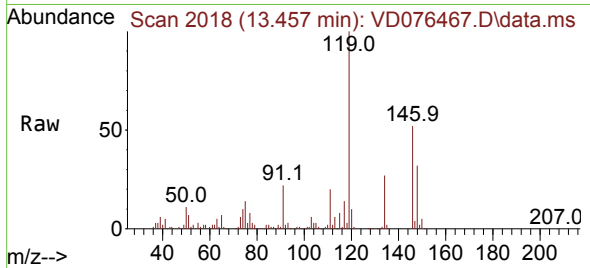




#87  
1,3-Dichlorobenzene  
Concen: 20.155 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

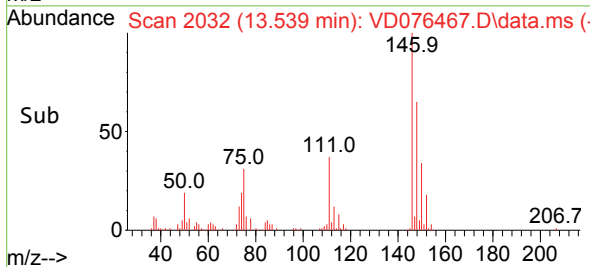
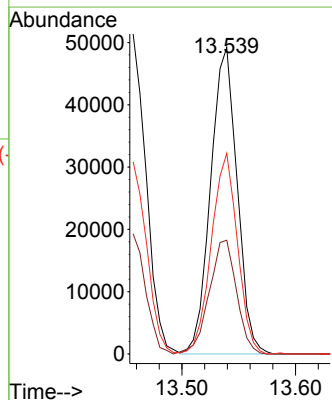
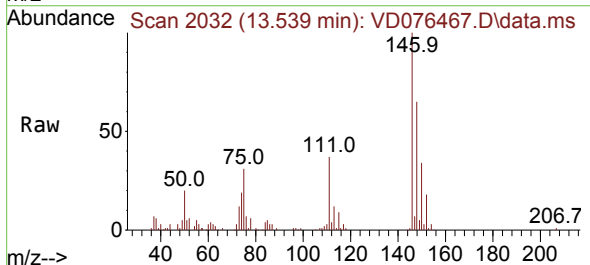
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBS01

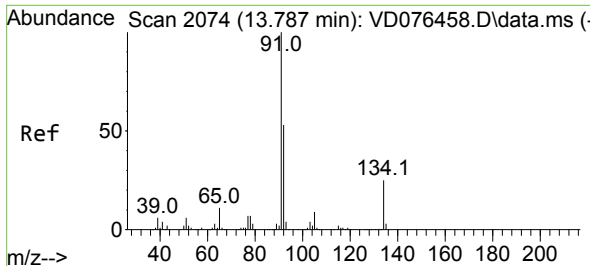
Tgt Ion:146 Resp: 80668  
Ion Ratio Lower Upper  
146 100  
111 36.7 17.9 53.8  
148 62.2 32.3 96.8



#88  
1,4-Dichlorobenzene  
Concen: 20.010 ug/l  
RT: 13.539 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion:146 Resp: 79874  
Ion Ratio Lower Upper  
146 100  
111 38.3 17.4 52.3  
148 64.4 31.7 95.1

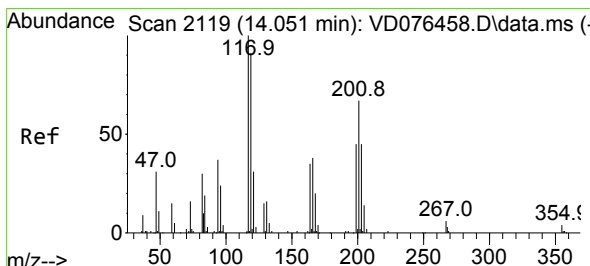
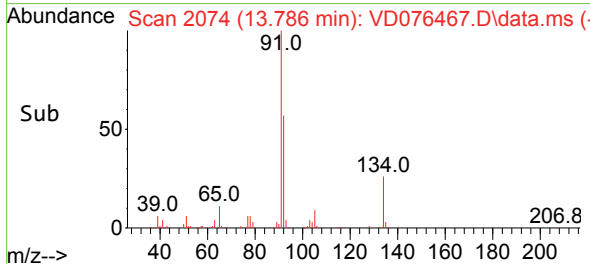
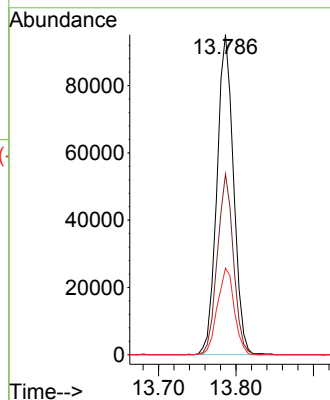
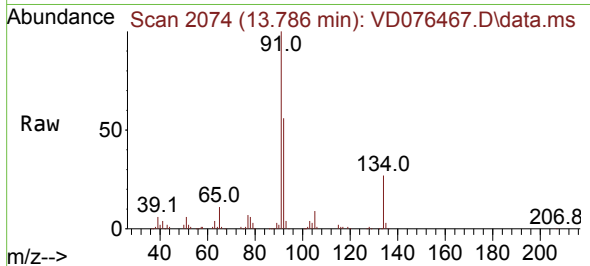




#89  
n-Butylbenzene  
Concen: 19.608 ug/l  
RT: 13.786 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

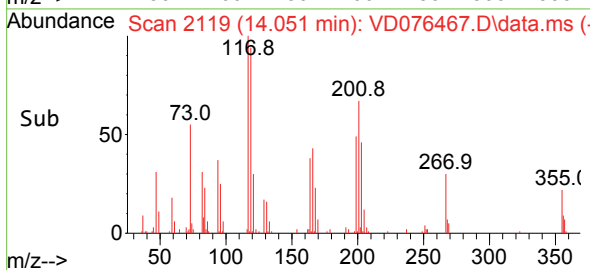
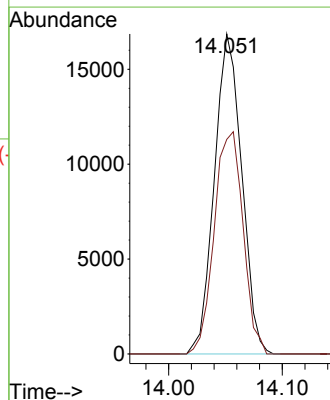
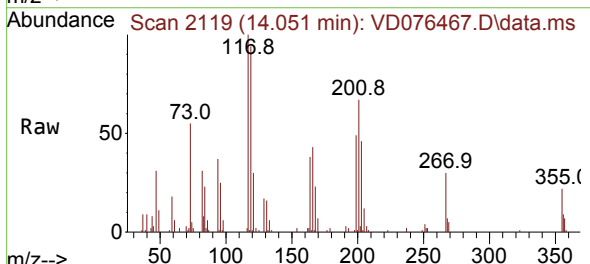
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

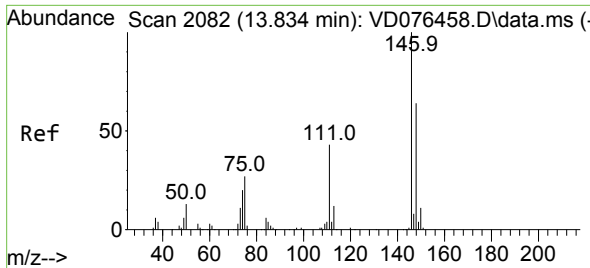
Tgt Ion: 91 Resp: 142122  
Ion Ratio Lower Upper  
91 100  
92 54.5 26.5 79.5  
134 27.4 13.8 41.3



#90  
Hexachloroethane  
Concen: 20.592 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 117 Resp: 28240  
Ion Ratio Lower Upper  
117 100  
201 73.2 38.5 115.5

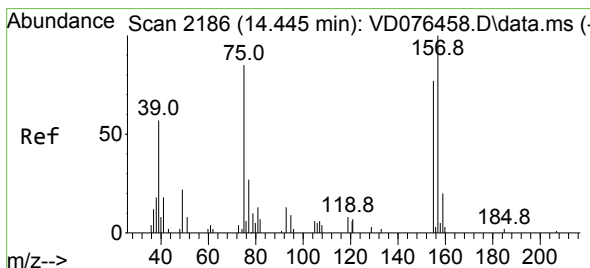
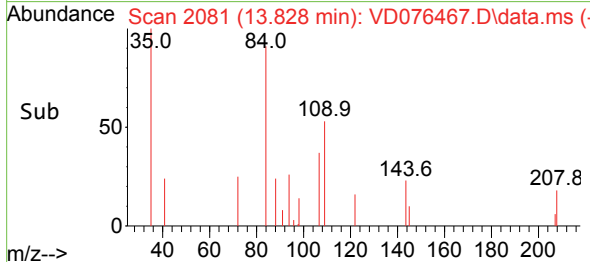
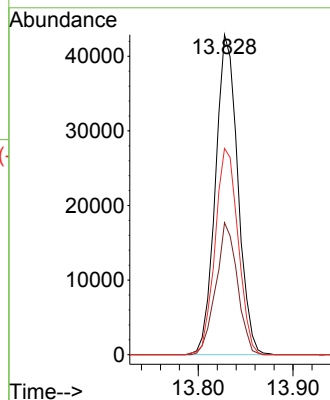
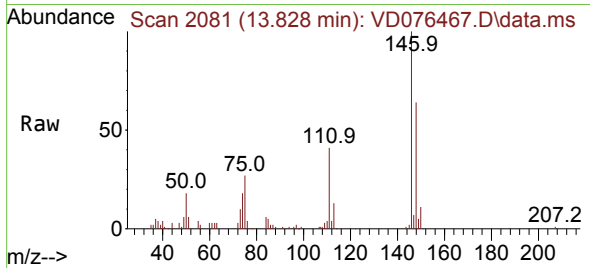




#91  
1,2-Dichlorobenzene  
Concen: 20.096 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

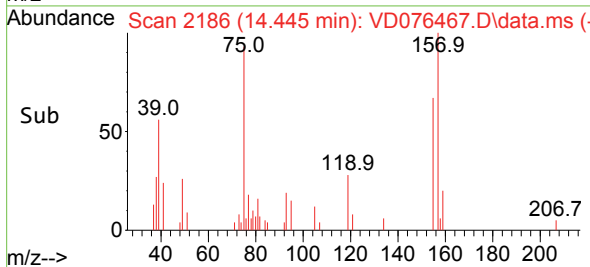
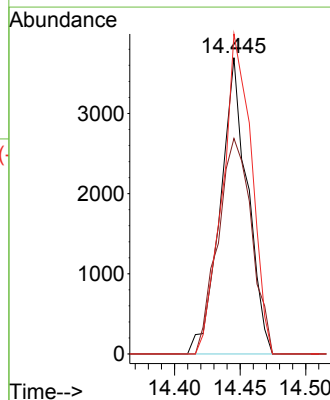
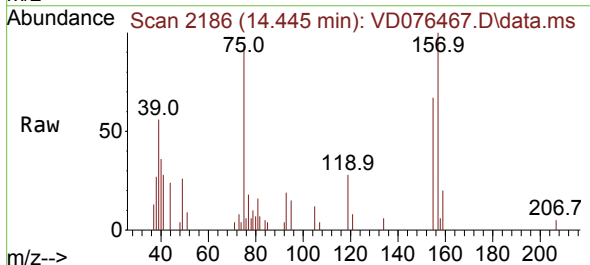
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0619SBSD01

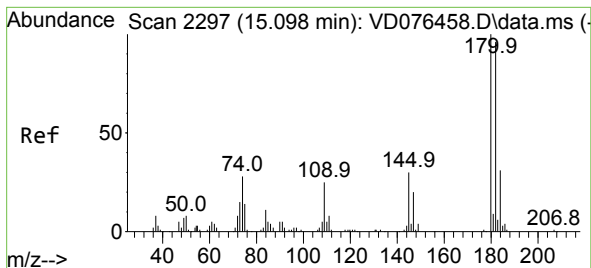
Tgt Ion:146 Resp: 70286  
Ion Ratio Lower Upper  
146 100  
111 39.7 18.3 54.8  
148 66.2 31.6 94.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.781 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VD076467.D  
Acq: 19 Jun 2023 13:41

Tgt Ion: 75 Resp: 5331  
Ion Ratio Lower Upper  
75 100  
155 89.8 47.9 143.8  
157 115.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.805 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0619SBSD01

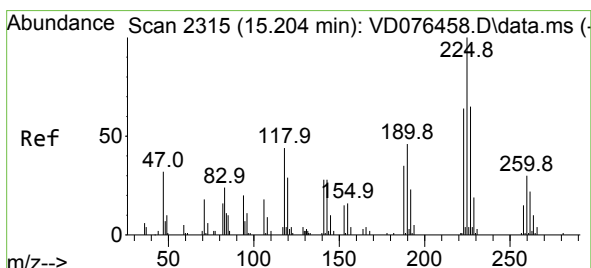
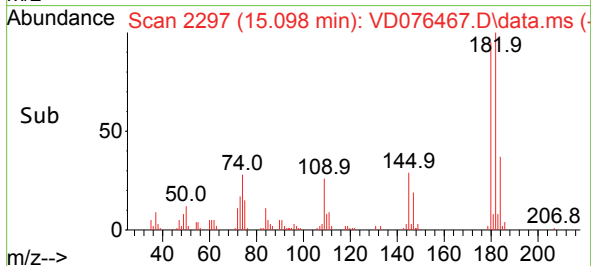
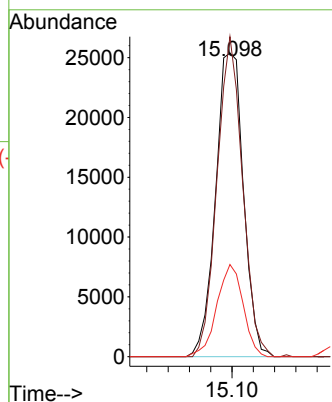
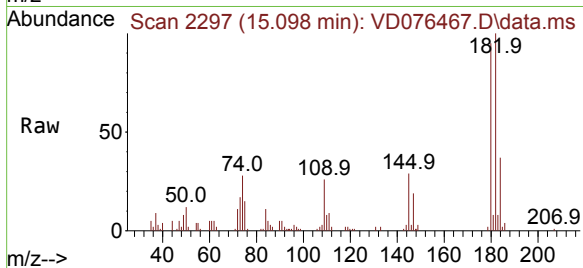
Tgt Ion:180 Resp: 46163

Ion Ratio Lower Upper

180 100

182 95.8 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.172 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

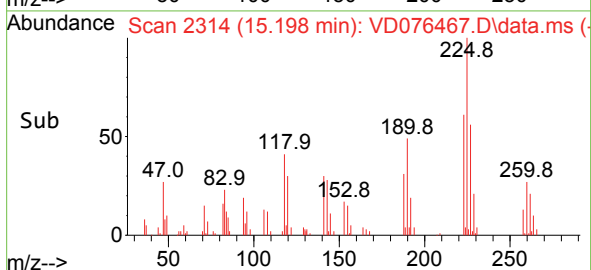
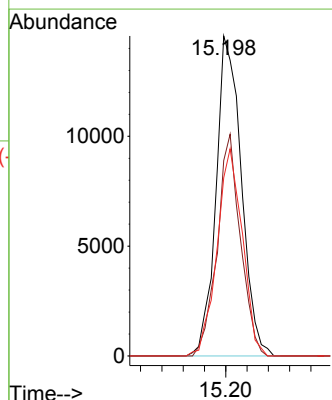
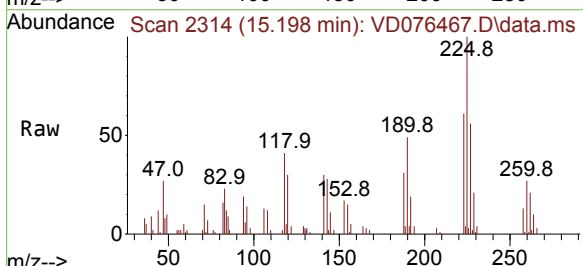
Tgt Ion:225 Resp: 23993

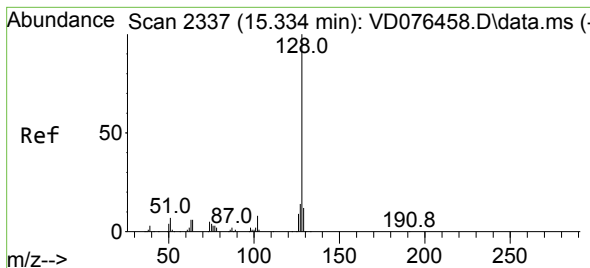
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 64.9 31.7 95.1





#95

Naphthalene

Concen: 20.034 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0619SBS01

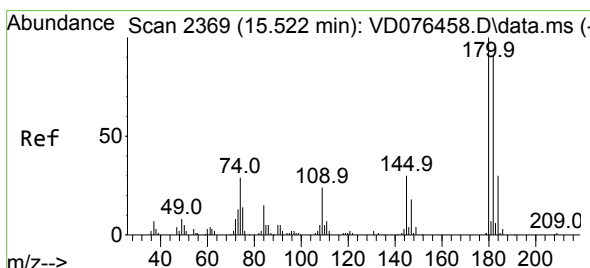
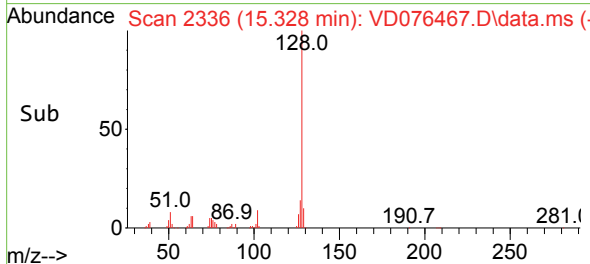
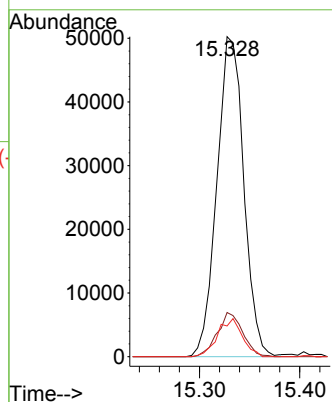
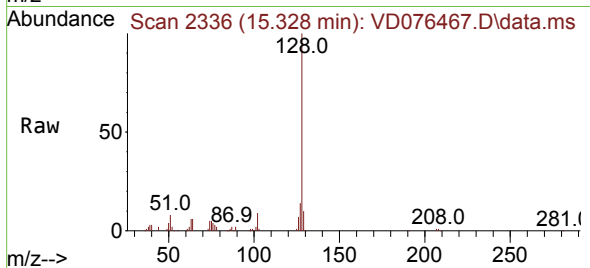
Tgt Ion:128 Resp: 93378

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 9.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.709 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Tgt Ion:180 Resp: 44087

Ion Ratio Lower Upper

180 100

182 89.9 47.3 141.9

145 28.6 15.1 45.3

