

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062221\  
 Data File : VD069532.D  
 Acq On : 22 Jun 2021 22:45  
 Operator : VA/SY  
 Sample : M2795-07  
 Misc : 8.59G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 23 04:33:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 22 04:33:24 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 441725   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 913486   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.644 | 117  | 949937   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 456739   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 312955   | 56.839   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 113.680% |      |
| 35) Dibromofluoromethane    | 7.914  | 113   | 297402   | 48.162   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 96.320%  |      |
| 50) Toluene-d8              | 10.338 | 98    | 1192979  | 51.506   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 103.020% |      |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 481749   | 63.266   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 126.540% |      |

|                               |        |     |        |                |    |  |
|-------------------------------|--------|-----|--------|----------------|----|--|
| Target Compounds              |        |     |        | Qvalue         |    |  |
| 5) Bromomethane               | 2.774  | 94  | 2454   | Below Cal      | 93 |  |
| 10) Methyl Iodide             | 4.315  | 142 | 569    | 4.054 ug/l #   | 39 |  |
| 11) Tert butyl alcohol        | 5.220  | 59  | 1088   | Below Cal #    | 83 |  |
| 13) Acrolein                  | 3.873  | 56  | 2215   | 7.228 ug/l #   | 1  |  |
| 16) Acetone                   | 4.162  | 43  | 101880 | 109.932 ug/l   | 93 |  |
| 17) Carbon Disulfide          | 4.409  | 76  | 87867  | 6.118 ug/l     | 99 |  |
| 18) Methyl Acetate            | 4.791  | 43  | 1319   | Below Cal #    | 49 |  |
| 20) Methylene Chloride        | 4.956  | 84  | 17317  | Below Cal #    | 77 |  |
| 23) Vinyl Acetate             | 6.285  | 43  | 592    | 19.080 ug/l #  | 70 |  |
| 25) 2-Butanone                | 7.209  | 43  | 16804  | 14.269 ug/l    | 96 |  |
| 31) Cyclohexane               | 7.973  | 56  | 52617  | 7.097 ug/l #   | 77 |  |
| 36) 1,1-Dichloropropene       | 7.985  | 75  | 39873  | 4.447 ug/l #   | 55 |  |
| 38) Carbon Tetrachloride      | 7.979  | 117 | 50514  | 5.693 ug/l #   | 17 |  |
| 39) Methylcyclohexane         | 9.356  | 83  | 37730  | 4.266 ug/l     | 88 |  |
| 40) Benzene                   | 8.350  | 78  | 85602  | 3.312 ug/l     | 96 |  |
| 48) Methyl methacrylate       | 9.485  | 41  | 3728   | 1.298 ug/l #   | 30 |  |
| 52) Toluene                   | 10.403 | 92  | 213949 | 13.415 ug/l    | 99 |  |
| 55) 1,1,2-Trichloroethane     | 10.773 | 97  | 8954   | 1.825 ug/l #   | 27 |  |
| 56) Ethyl methacrylate        | 10.644 | 69  | 1357   | 2.804 ug/l #   | 27 |  |
| 58) 2-Chloroethyl Vinyl ether | 9.914  | 63  | 530    | 10.768 ug/l #  | 47 |  |
| 59) 2-Hexanone                | 10.944 | 43  | 9915   | 4.623 ug/l #   | 23 |  |
| 67) Ethyl Benzene             | 11.738 | 91  | 125884 | 3.814 ug/l     | 97 |  |
| 68) m/p-Xylenes               | 11.850 | 106 | 99900  | 8.039 ug/l     | 99 |  |
| 69) o-Xylene                  | 12.179 | 106 | 43925  | 3.943 ug/l     | 85 |  |
| 73) Isopropylbenzene          | 12.473 | 105 | 126431 | 4.018 ug/l     | 99 |  |
| 74) N-amyl acetate            | 12.261 | 43  | 34436  | 5.390 ug/l #   | 56 |  |
| 76) 1,2,3-Trichloropropane    | 12.626 | 75  | 255397 | 56.964 ug/l #  | 1  |  |
| 78) n-propylbenzene           | 12.814 | 91  | 386033 | 9.774 ug/l     | 99 |  |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105 | 190022 | 7.175 ug/l     | 99 |  |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75  | 255397 | 142.231 ug/l # | 13 |  |
| 83) tert-Butylbenzene         | 13.220 | 119 | 8025   | 2.317 ug/l     | 90 |  |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105 | 557750 | 21.186 ug/l    | 99 |  |
| 85) sec-Butylbenzene          | 13.397 | 105 | 66814  | 2.024 ug/l #   | 64 |  |
| 86) p-Isopropyltoluene        | 13.508 | 119 | 38867  | 1.398 ug/l     | 93 |  |
| 89) n-Butylbenzene            | 13.838 | 91  | 38080  | 1.373 ug/l #   | 79 |  |
| 95) Naphthalene               | 15.385 | 128 | 6095   | 3.754 ug/l #   | 95 |  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062221\  
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Operator : VA/SY  
Sample : M2795-07  
Misc : 8.59G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Jun 23 04:33:07 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 22 04:33:24 2021  
Response via : Initial Calibration

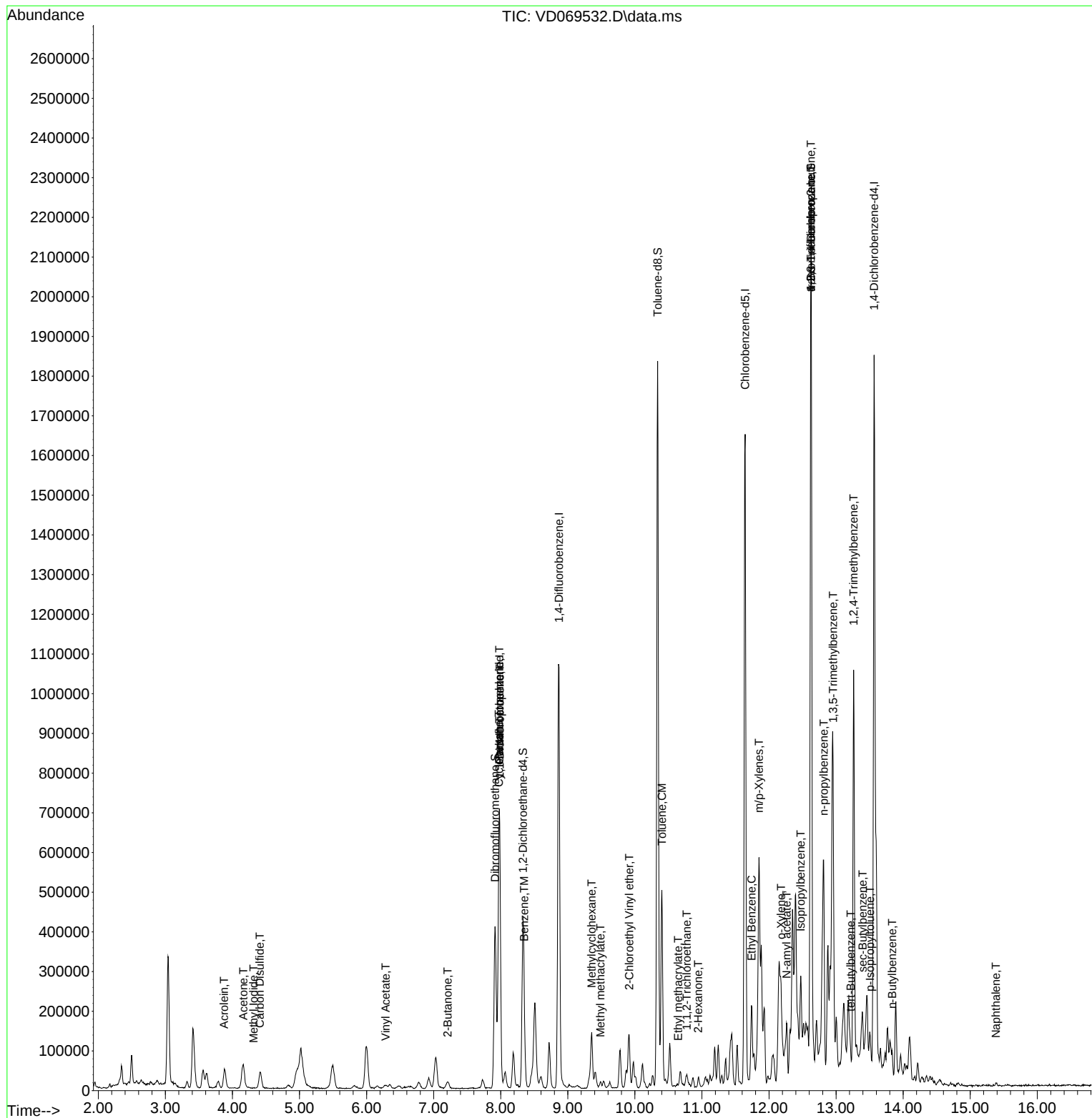
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |
| -----    |      |      |          |      |       |          |

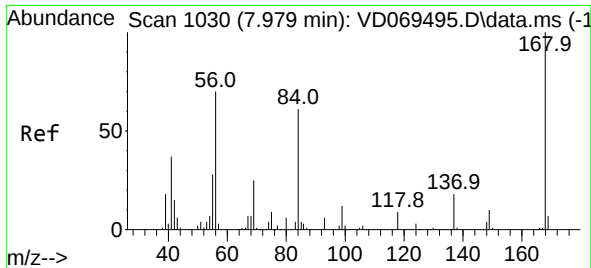
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062221\  
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Response via : Initial Calibration

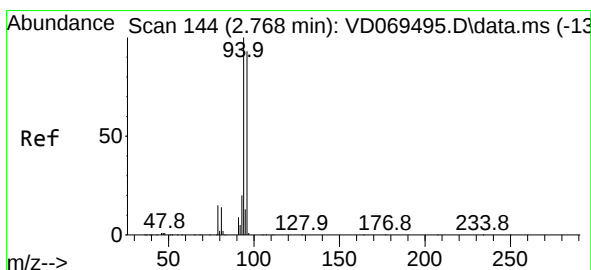
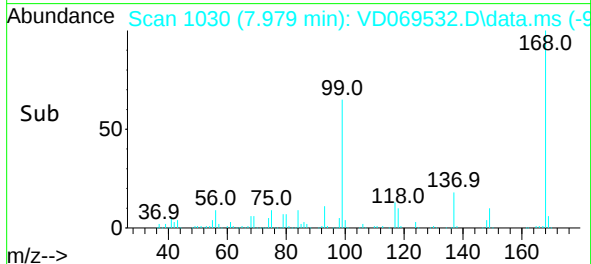
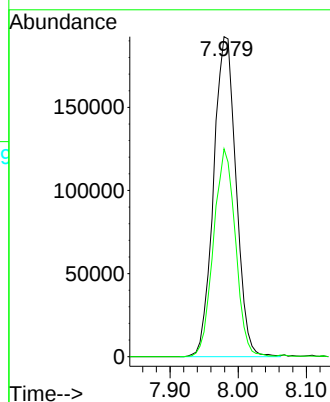
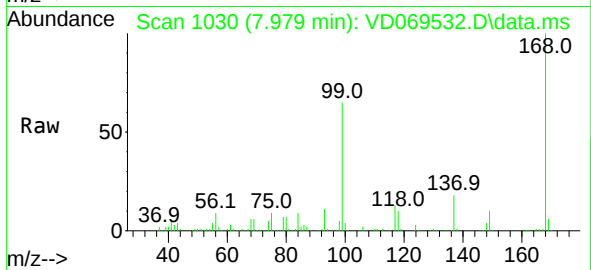




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

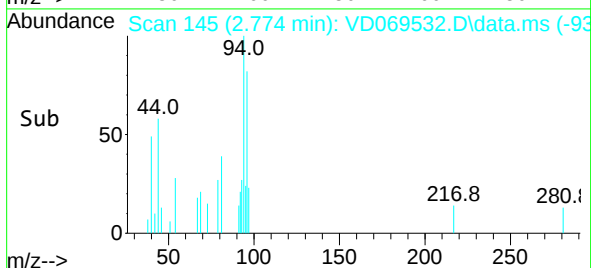
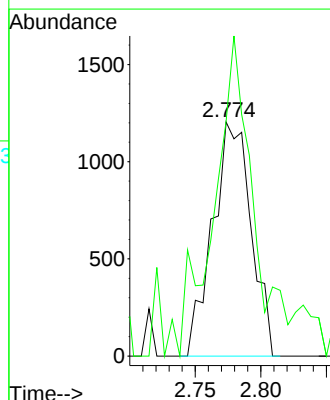
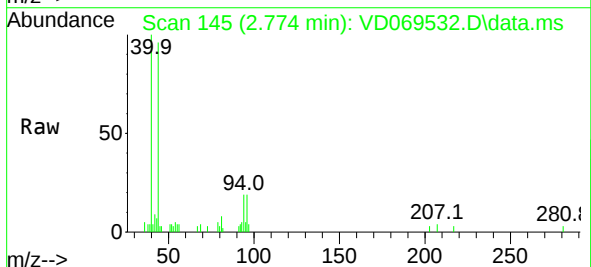
Instrument :  
MSVOA\_D  
ClientSampleId :

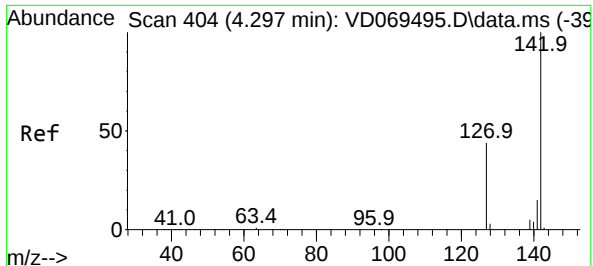
Tgt Ion:168 Resp: 441725  
Ion Ratio Lower Upper  
168 100  
99 65.0 49.3 73.9



#5  
Bromomethane  
Concen: Below Cal  
RT: 2.774 min Scan# 145  
Delta R.T. 0.006 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

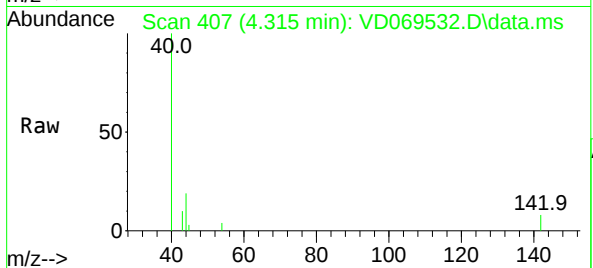
Tgt Ion: 94 Resp: 2454  
Ion Ratio Lower Upper  
94 100  
96 100.3 74.6 111.8



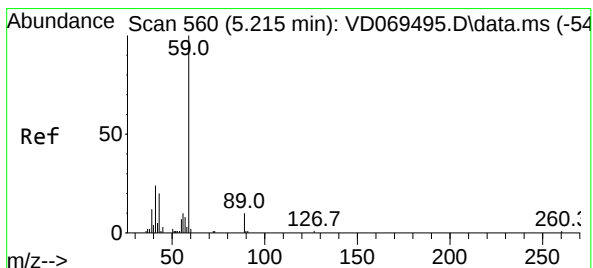
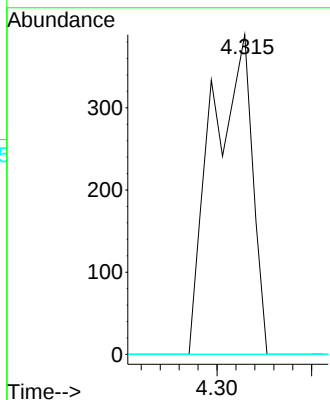
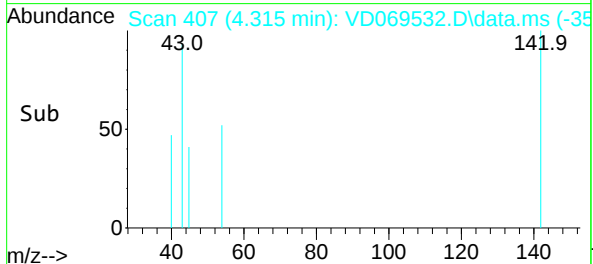


#10  
Methyl Iodide  
Concen: 4.054 ug/l  
RT: 4.315 min Scan# 407  
Delta R.T. 0.018 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

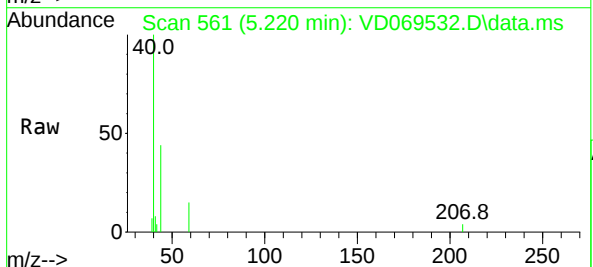
Instrument :  
MSVOA\_D  
ClientSampled :



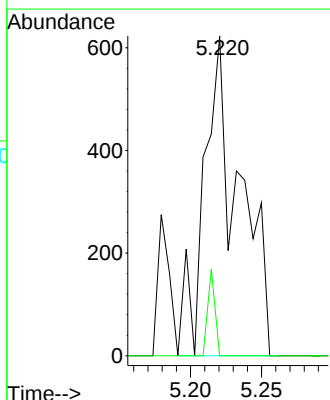
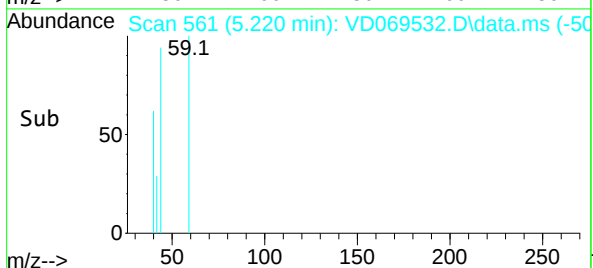
Tgt Ion:142 Resp: 569  
Ion Ratio Lower Upper  
142 100  
127 0.0 36.5 54.7#  
141 0.0 12.0 18.0#

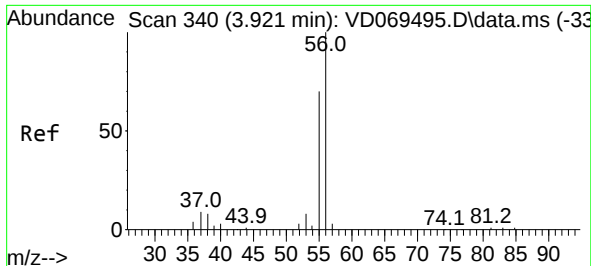


#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 5.220 min Scan# 561  
Delta R.T. 0.005 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45



Tgt Ion: 59 Resp: 1088  
Ion Ratio Lower Upper  
59 100  
57 0.0 4.6 7.0#

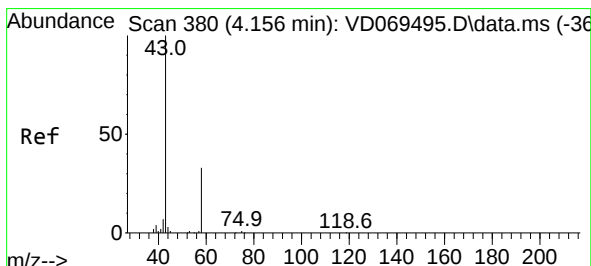
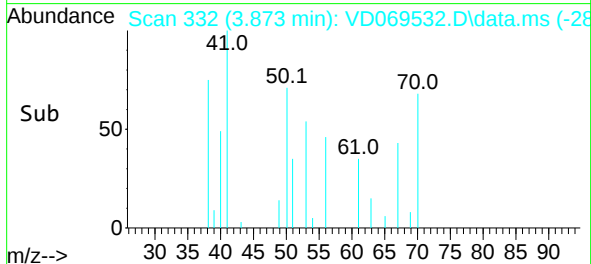
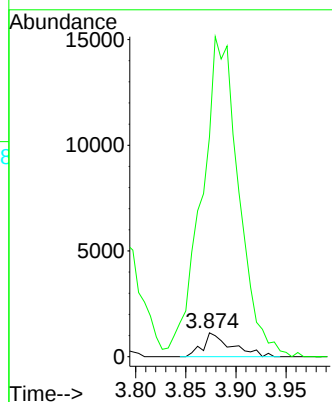
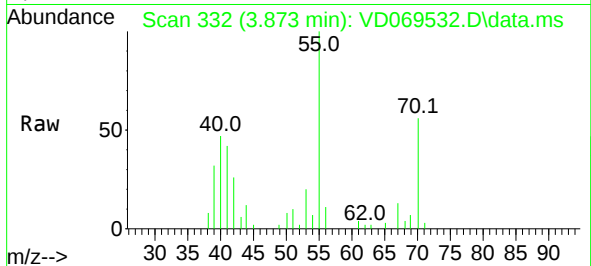




#13  
Acrolein  
Concen: 7.228 ug/l  
RT: 3.873 min Scan# 332  
Delta R.T. -0.047 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

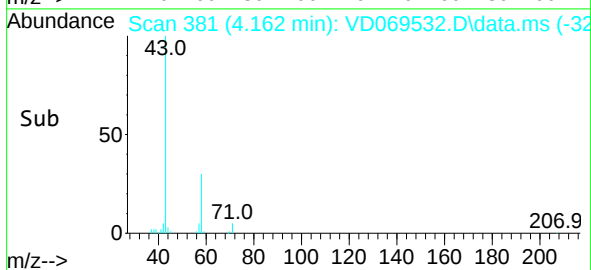
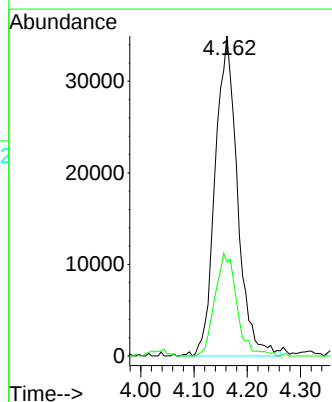
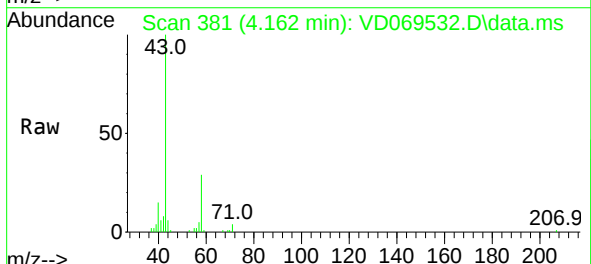
Instrument :  
MSVOA\_D  
ClientSampled :

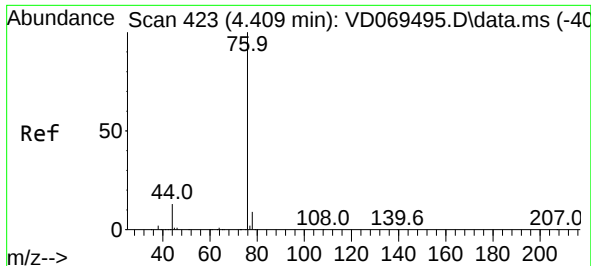
Tgt Ion: 56 Resp: 2215  
Ion Ratio Lower Upper  
56 100  
55 1769.0 56.0 84.0#



#16  
Acetone  
Concen: 109.932 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 43 Resp: 101880  
Ion Ratio Lower Upper  
43 100  
58 29.5 26.8 40.2

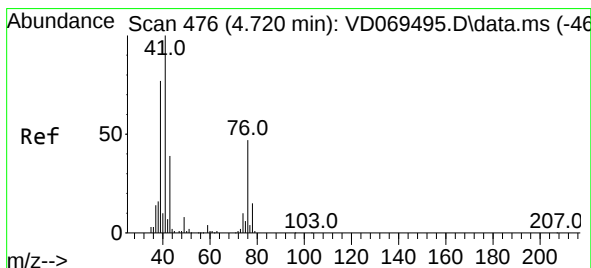
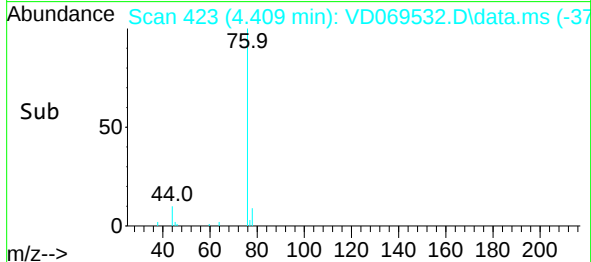
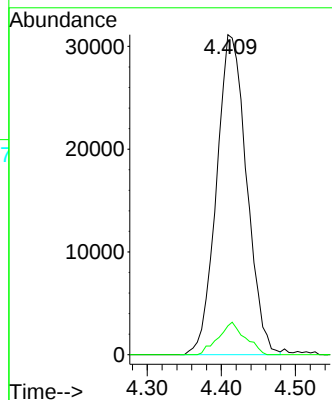
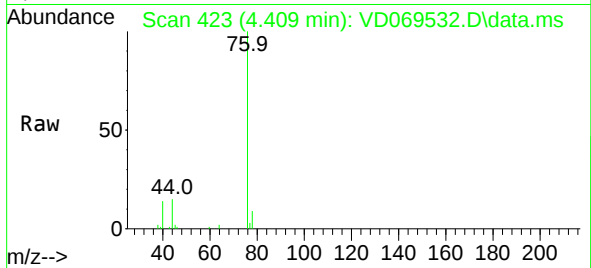




#17  
Carbon Disulfide  
Concen: 6.118 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

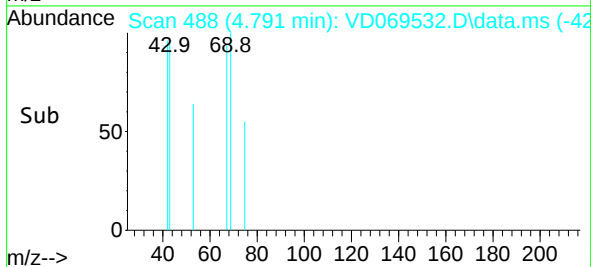
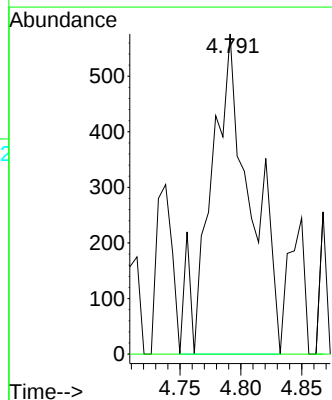
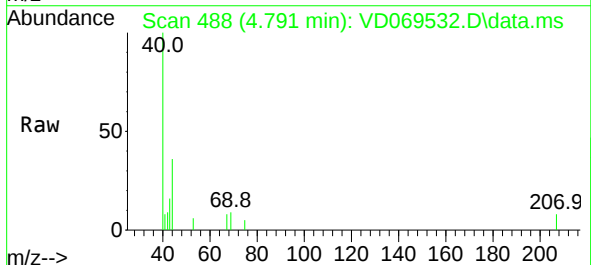
Instrument :  
MSVOA\_D  
ClientSampled :

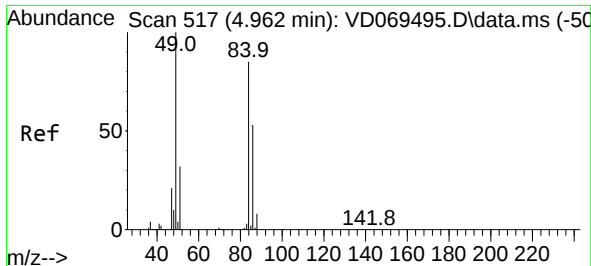
Tgt Ion: 76 Resp: 87867  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.4



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.791 min Scan# 488  
Delta R.T. 0.071 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 43 Resp: 1319  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.0 31.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD069532.D

Acq: 22 Jun 2021 22:45

Tgt Ion: 84 Resp: 17317

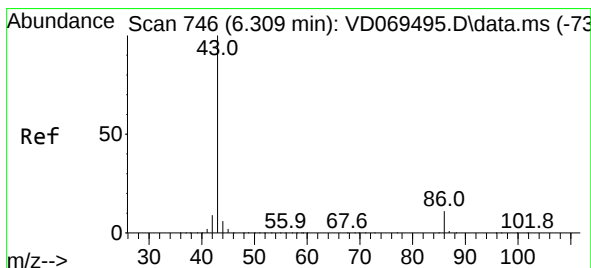
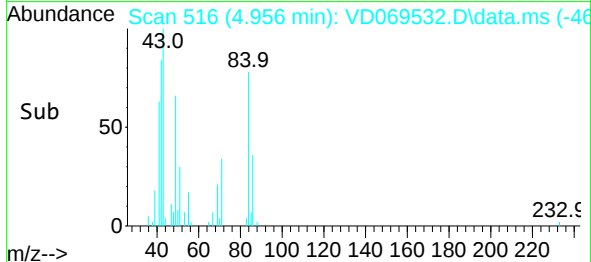
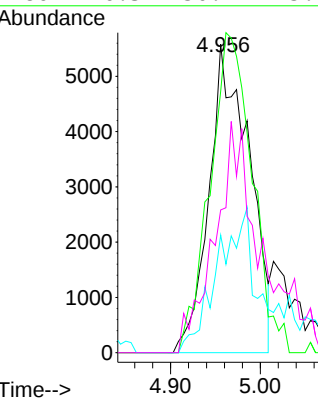
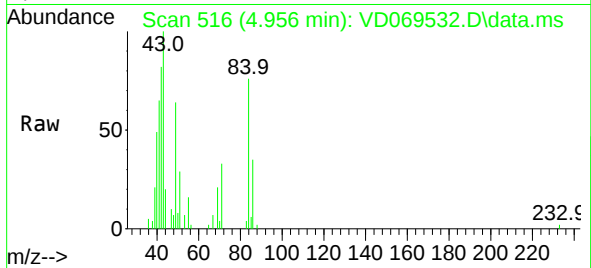
Ion Ratio Lower Upper

84 100

49 84.7 94.0 141.0#

51 38.1 29.7 44.5

86 46.3 50.1 75.1#



#23

Vinyl Acetate

Concen: 19.080 ug/l

RT: 6.285 min Scan# 742

Delta R.T. -0.024 min

Lab File: VD069532.D

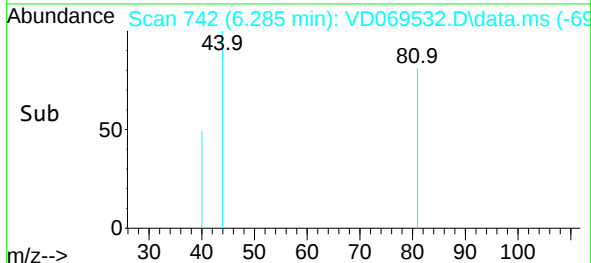
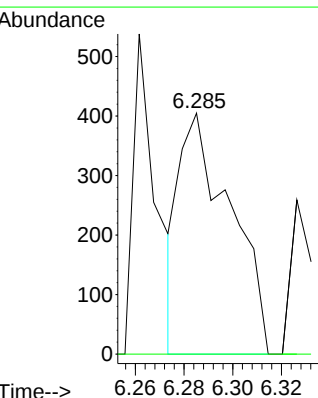
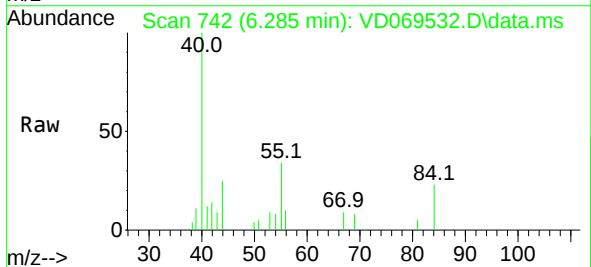
Acq: 22 Jun 2021 22:45

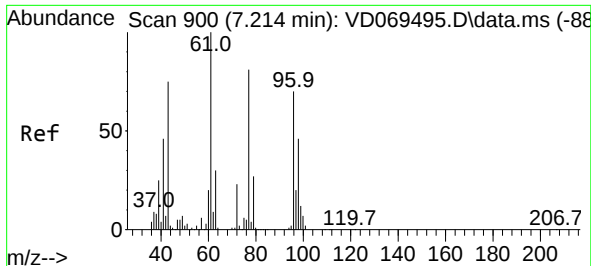
Tgt Ion: 43 Resp: 592

Ion Ratio Lower Upper

43 100

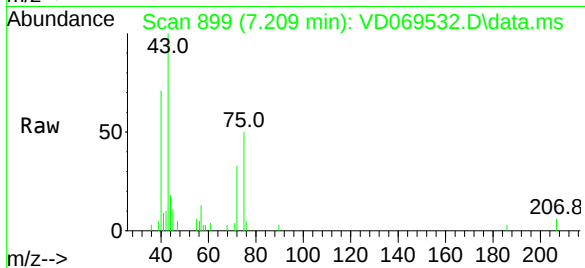
86 0.0 9.1 13.7#



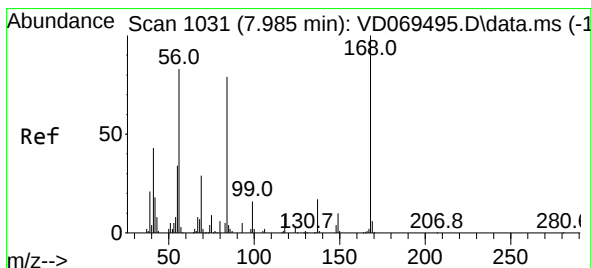
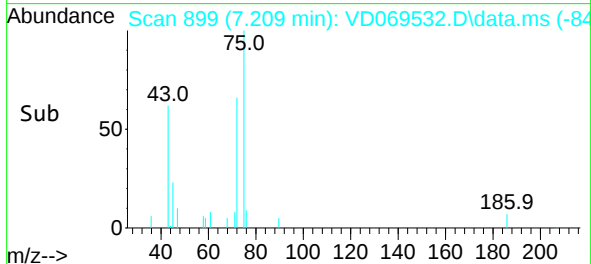
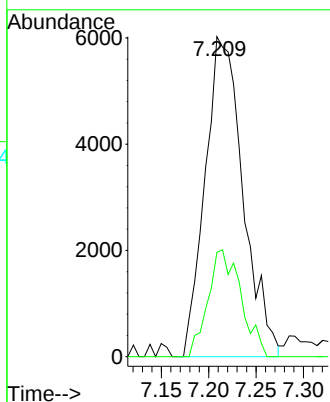


#25  
2-Butanone  
Concen: 14.269 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Instrument :  
MSVOA\_D  
ClientSampled :

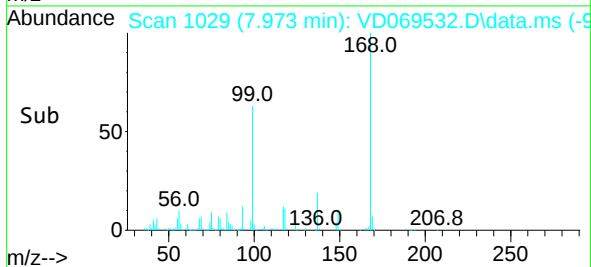
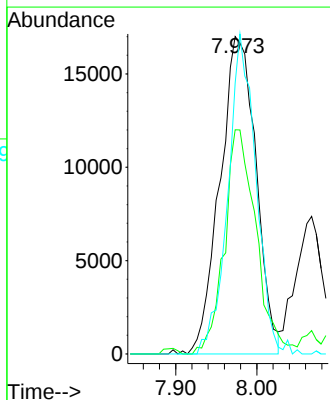
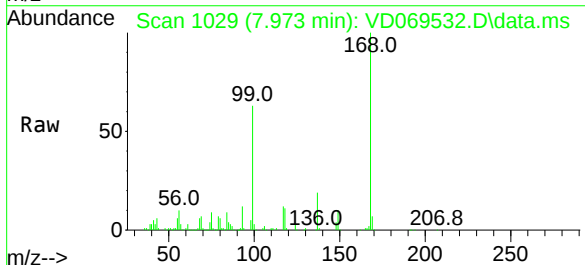


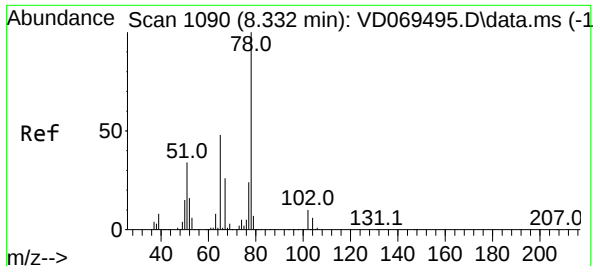
Tgt Ion: 43 Resp: 16804  
Ion Ratio Lower Upper  
43 100  
72 32.6 24.3 36.5



#31  
Cyclohexane  
Concen: 7.097 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 56 Resp: 52617  
Ion Ratio Lower Upper  
56 100  
69 69.6 28.0 42.0#  
84 85.3 75.7 113.5

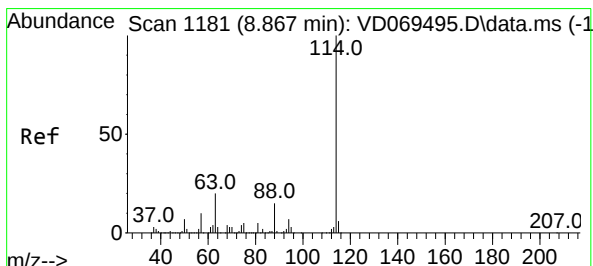
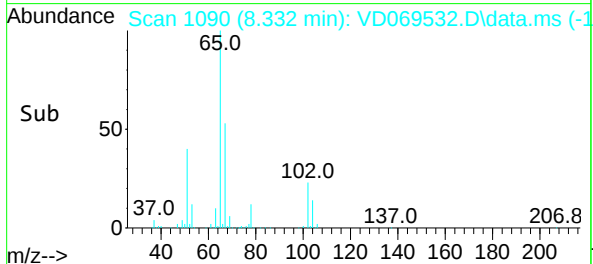
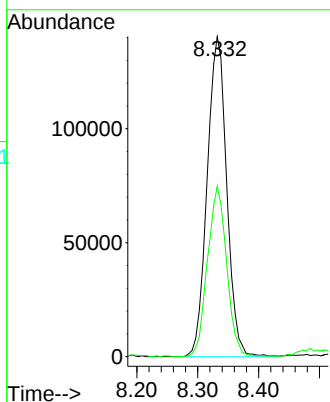
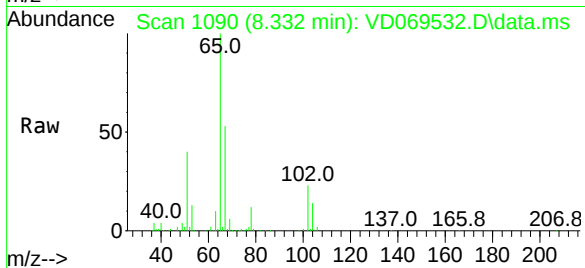




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.839 ug/l  
 RT: 8.332 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: VD069532.D  
 Acq: 22 Jun 2021 22:45

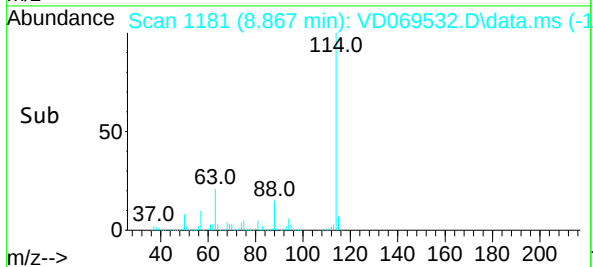
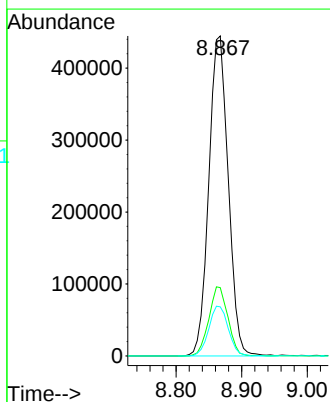
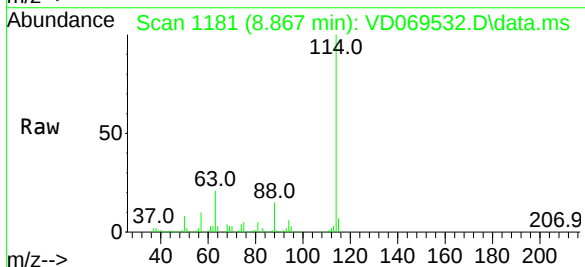
Instrument :  
 MSVOA\_D  
 ClientSampled :

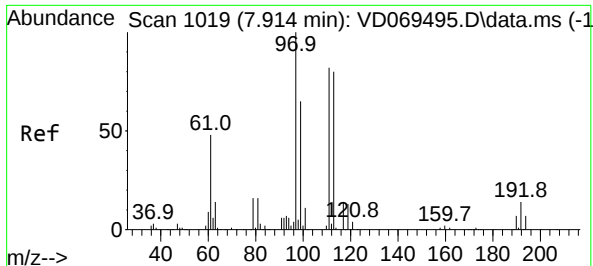
Tgt Ion: 65 Resp: 312955  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.867 min Scan# 1181  
 Delta R.T. 0.000 min  
 Lab File: VD069532.D  
 Acq: 22 Jun 2021 22:45

Tgt Ion: 114 Resp: 913486  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 39.6  
 88 15.4 0.0 29.8



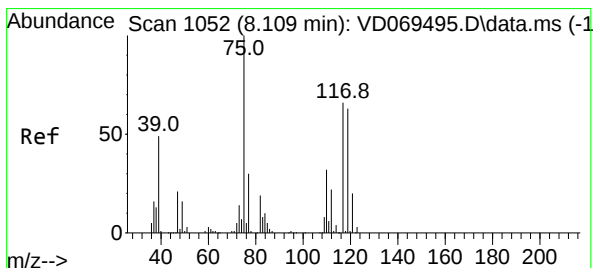
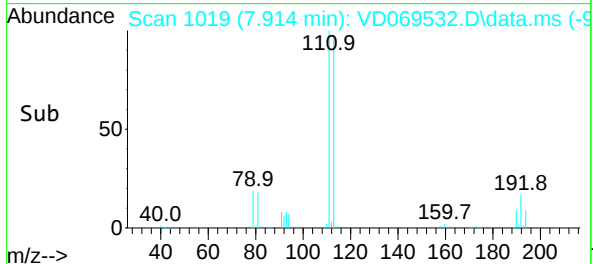
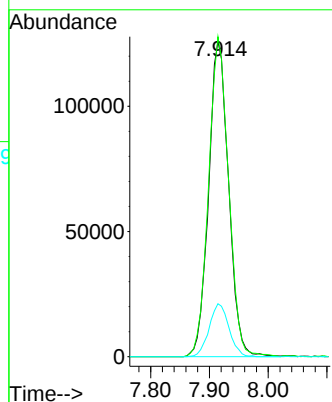
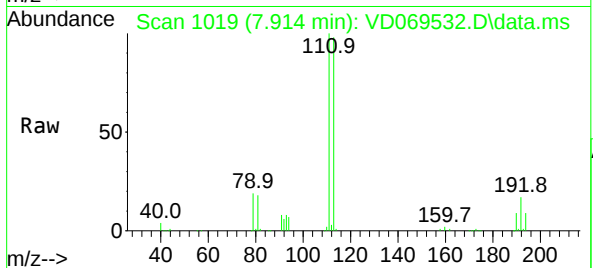


#35

Dibromofluoromethane  
Concen: 48.162 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Instrument :  
MSVOA\_D  
ClientSampleId :

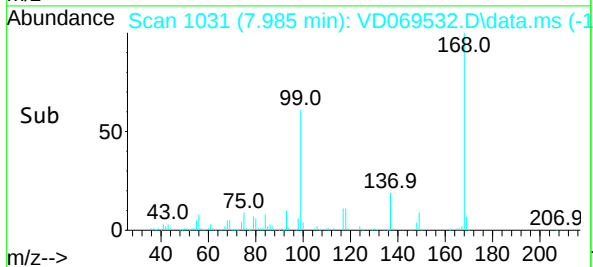
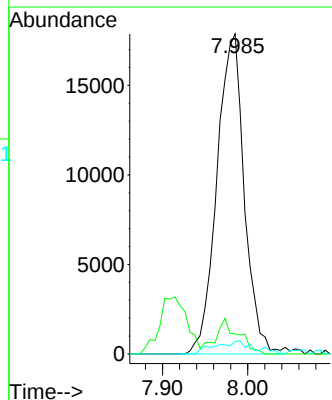
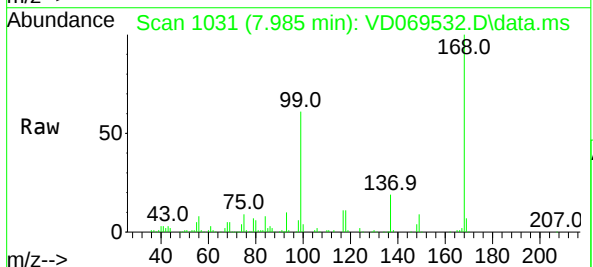
Tgt Ion:113 Resp: 297402  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.8 122.8  
192 16.6 13.8 20.6

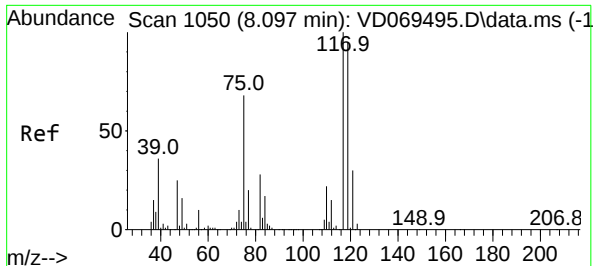


#36

1,1-Dichloropropene  
Concen: 4.447 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.123 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

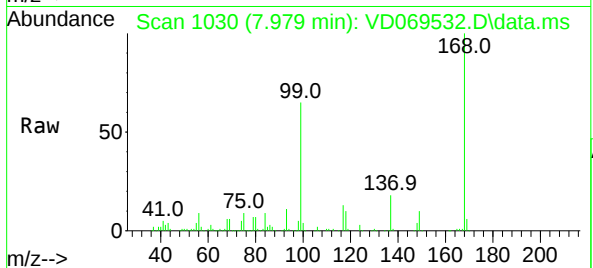
Tgt Ion: 75 Resp: 39873  
Ion Ratio Lower Upper  
75 100  
110 8.7 16.8 50.4#  
77 5.0 24.3 36.5#



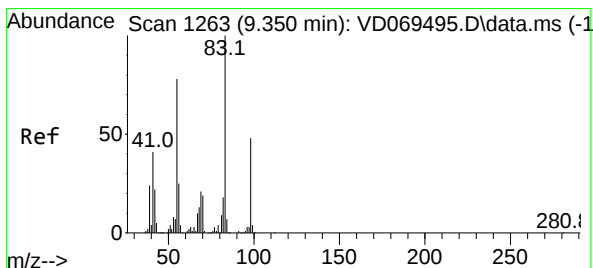
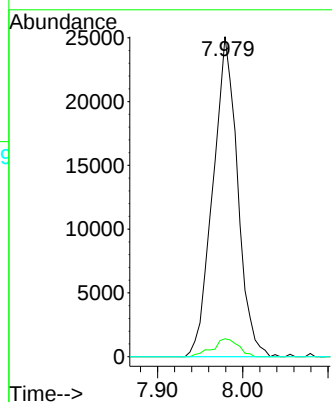
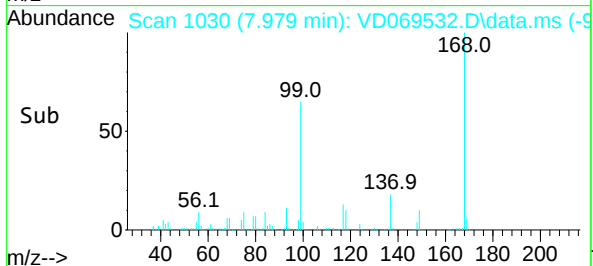


#38  
Carbon Tetrachloride  
Concen: 5.693 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.118 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

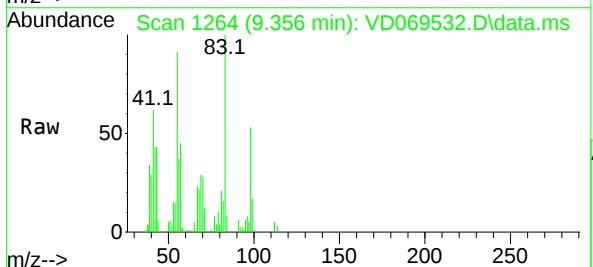
Instrument :  
MSVOA\_D  
ClientSampleId :



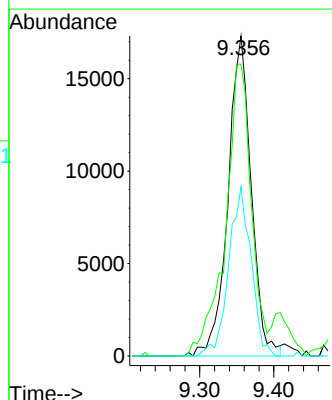
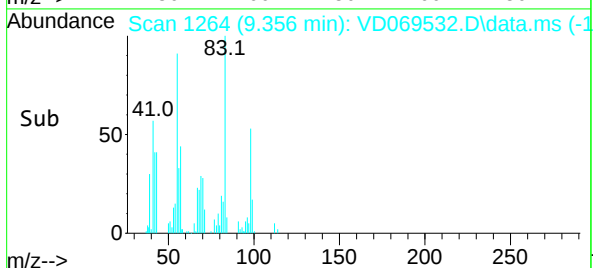
Tgt Ion:117 Resp: 50514  
Ion Ratio Lower Upper  
117 100  
119 5.6 75.6 113.4#  
121 0.0 23.8 35.8#

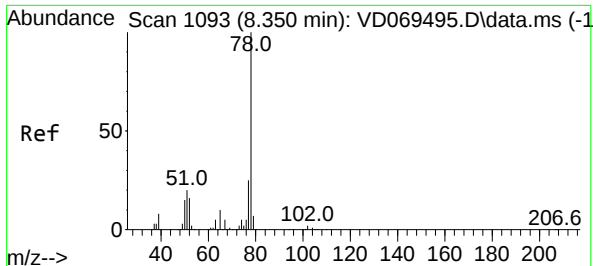


#39  
Methylcyclohexane  
Concen: 4.266 ug/l  
RT: 9.356 min Scan# 1264  
Delta R.T. 0.006 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45



Tgt Ion: 83 Resp: 37730  
Ion Ratio Lower Upper  
83 100  
55 91.2 62.6 93.8  
98 52.9 38.7 58.1

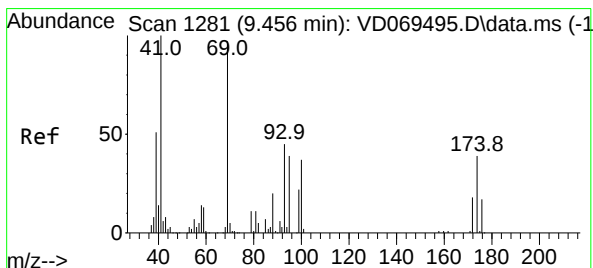
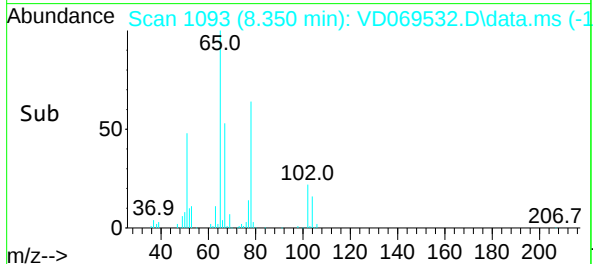
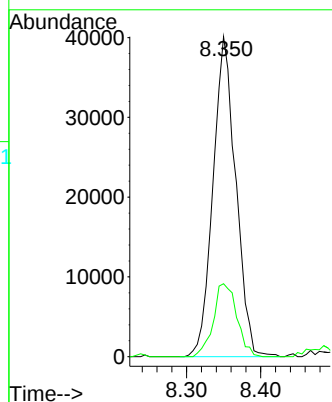
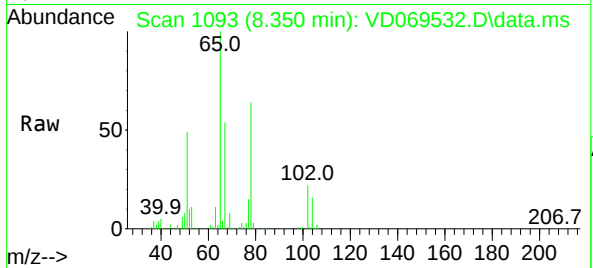




#40  
Benzene  
Concen: 3.312 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

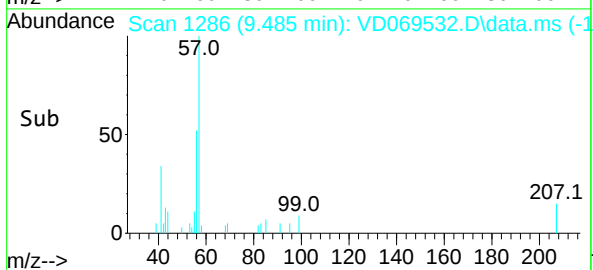
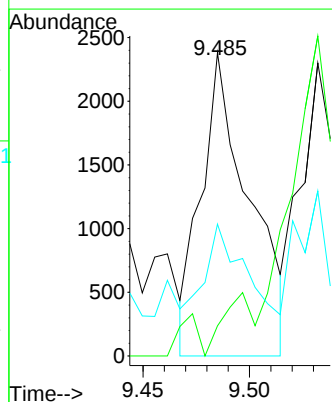
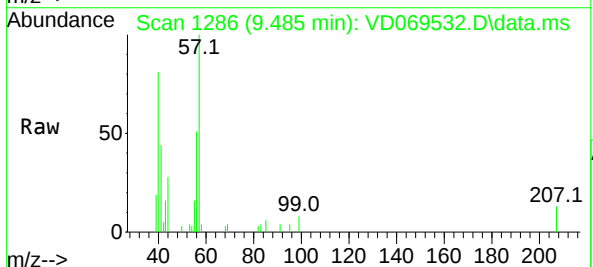
Instrument :  
MSVOA\_D  
ClientSampled :

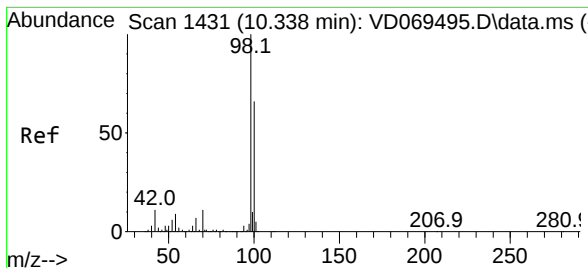
Tgt Ion: 78 Resp: 85602  
Ion Ratio Lower Upper  
78 100  
77 22.8 19.7 29.5



#48  
Methyl methacrylate  
Concen: 1.298 ug/l  
RT: 9.485 min Scan# 1286  
Delta R.T. 0.029 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 41 Resp: 3728  
Ion Ratio Lower Upper  
41 100  
69 0.0 80.9 121.3#  
39 46.0 45.8 68.6

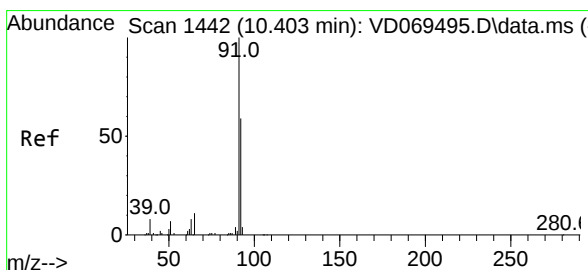
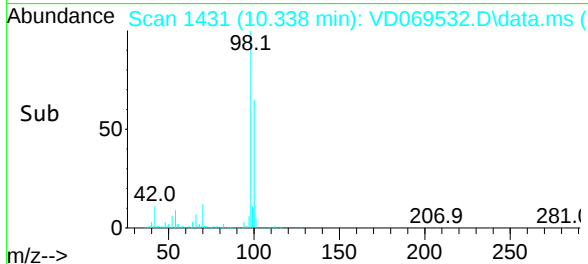
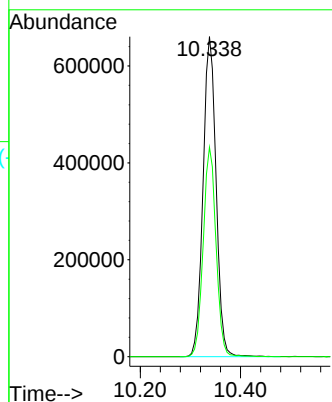
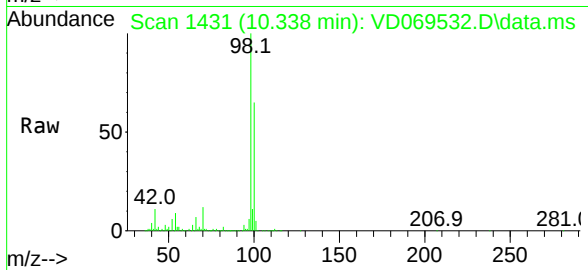




#50  
Toluene-d8  
Concen: 51.506 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

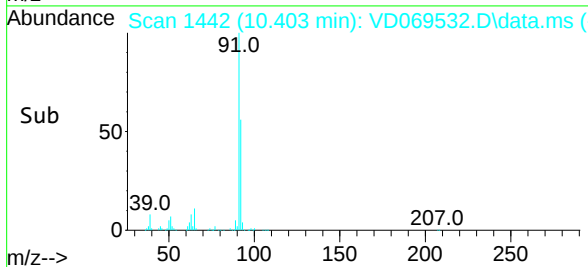
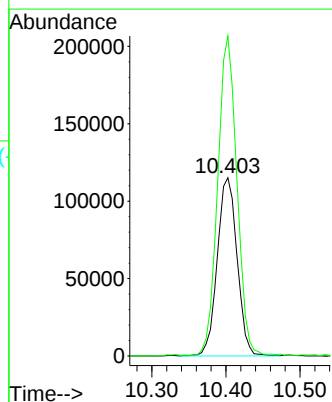
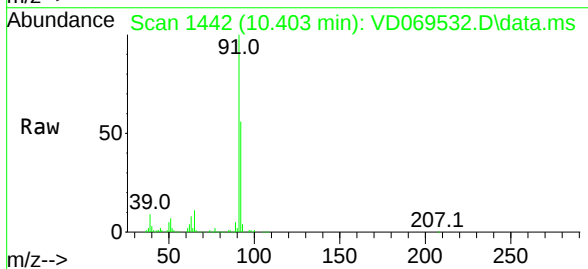
Instrument :  
MSVOA\_D  
ClientSampleId :

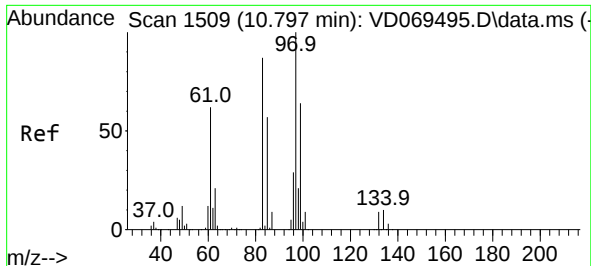
Tgt Ion: 98 Resp: 1192979  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.3 78.5



#52  
Toluene  
Concen: 13.415 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 92 Resp: 213949  
Ion Ratio Lower Upper  
92 100  
91 172.8 138.9 208.3

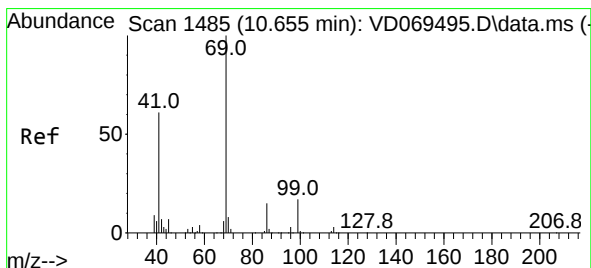
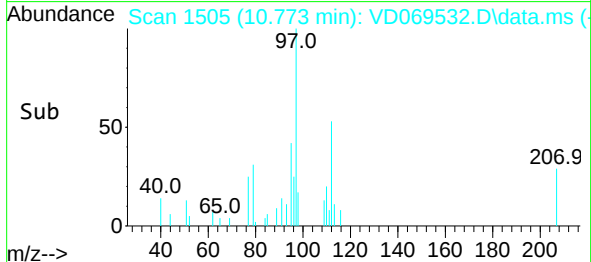
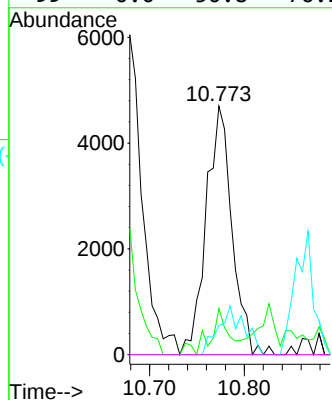
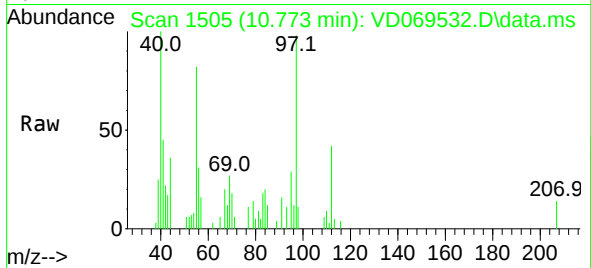




#55  
1,1,2-Trichloroethane  
Concen: 1.825 ug/l  
RT: 10.773 min Scan# 1505  
Delta R.T. -0.023 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

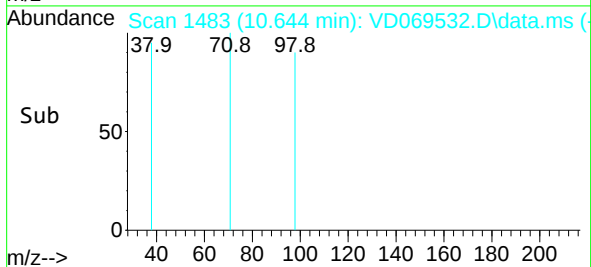
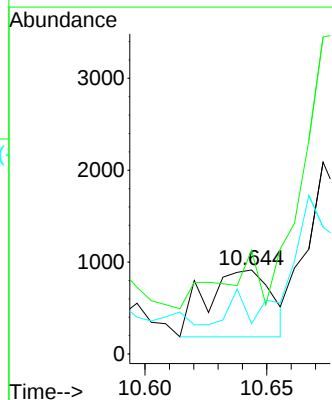
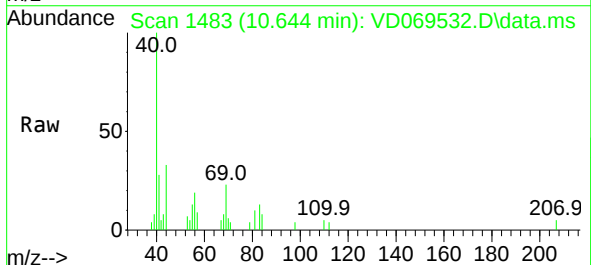
Instrument :  
MSVOA\_D  
ClientSampleId :

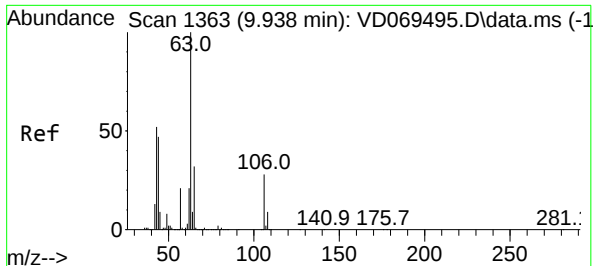
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 8954   |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 18.6  | 69.6  | 104.4# |
| 85       | 11.8  | 45.8  | 68.8#  |
| 99       | 0.0   | 50.8  | 76.2#  |



#56  
Ethyl methacrylate  
Concen: 2.804 ug/l  
RT: 10.644 min Scan# 1483  
Delta R.T. -0.011 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 1357  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 0.0   | 49.4  | 74.0# |
| 39       | 0.0   | 26.9  | 40.3# |

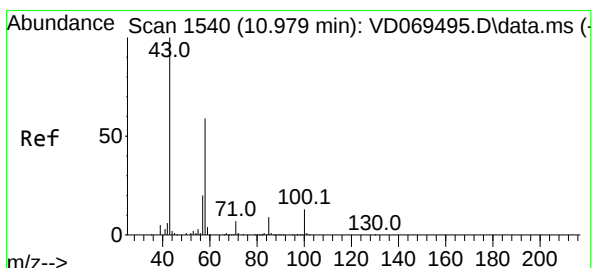
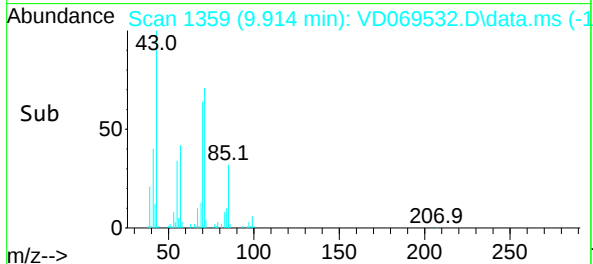
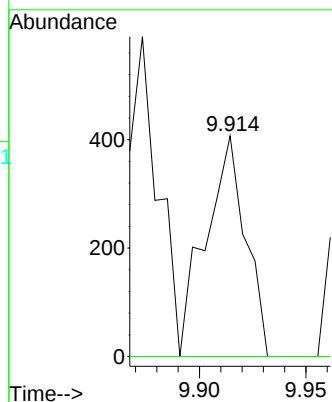
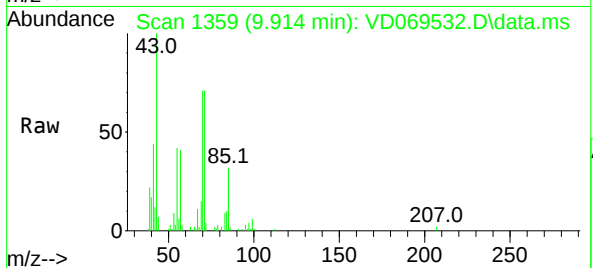




#58  
2-Chloroethyl Vinyl ether  
Concen: 10.768 ug/l  
RT: 9.914 min Scan# 1359  
Delta R.T. -0.024 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

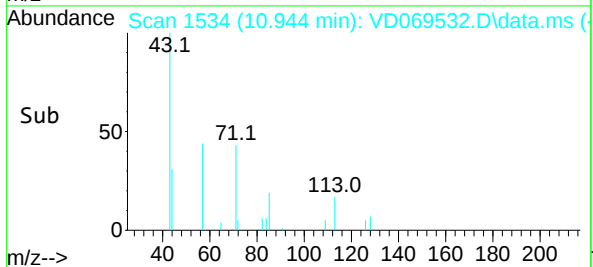
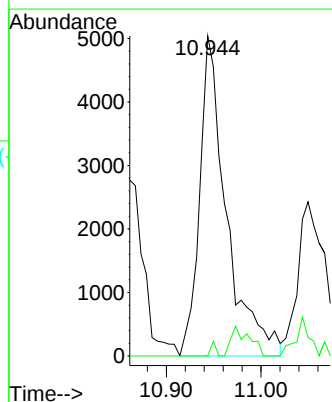
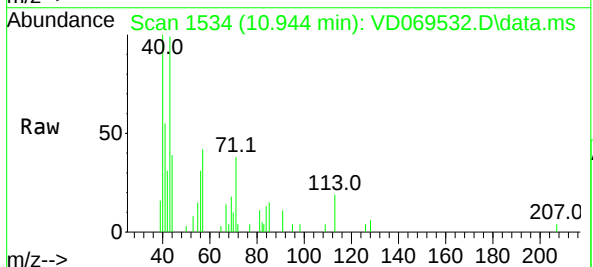
Instrument :  
MSVOA\_D  
ClientSampled :

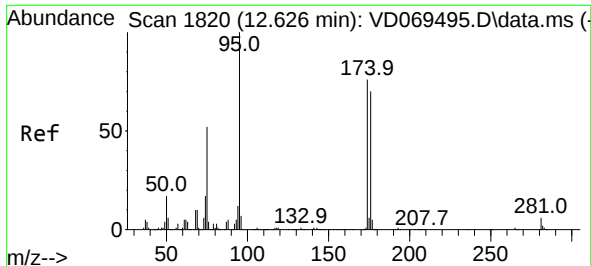
Tgt Ion: 63 Resp: 530  
Ion Ratio Lower Upper  
63 100  
106 0.0 22.2 33.2#



#59  
2-Hexanone  
Concen: 4.623 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. -0.035 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 43 Resp: 9915  
Ion Ratio Lower Upper  
43 100  
58 0.8 28.7 86.3#

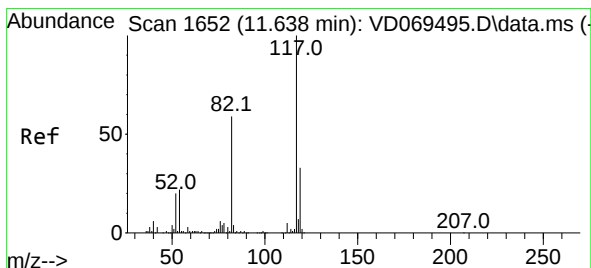
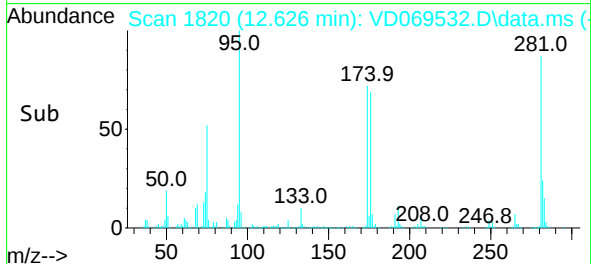
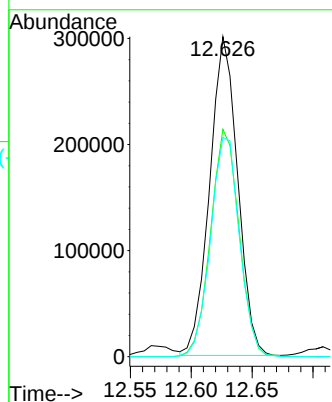
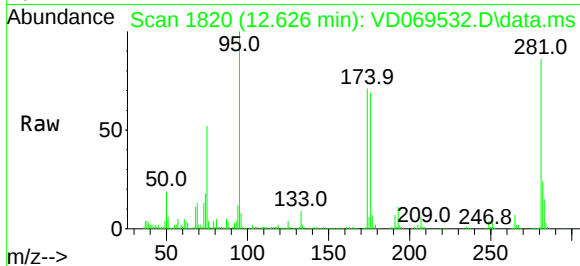




#62  
4-Bromofluorobenzene  
Concen: 63.266 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

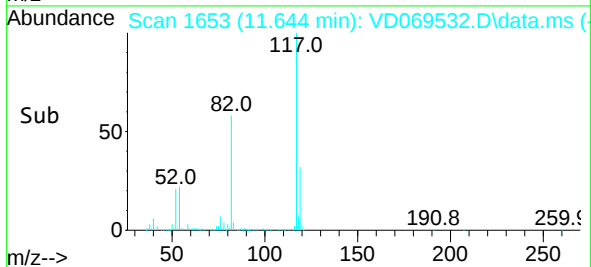
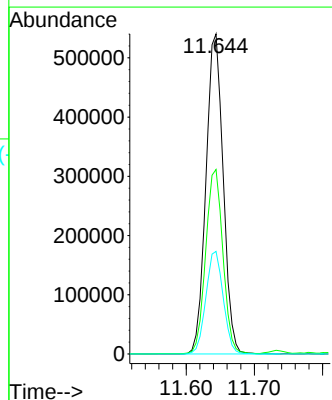
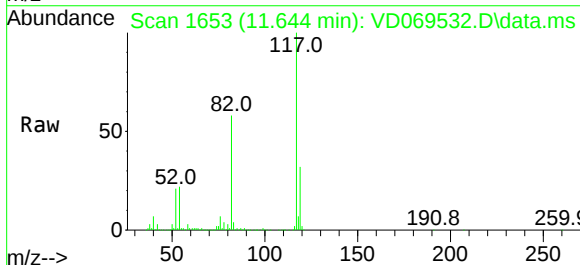
Instrument :  
MSVOA\_D  
ClientSampleId :

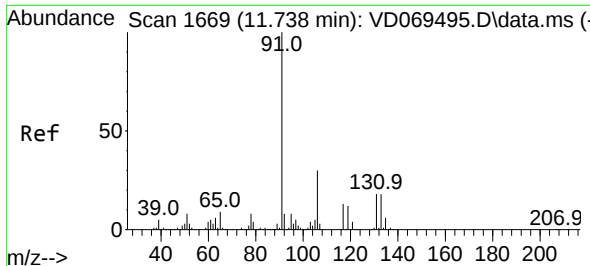
Tgt Ion: 95 Resp: 481749  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 148.0  
176 71.2 0.0 139.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.006 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 117 Resp: 949937  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.8 70.2  
119 32.0 26.2 39.2

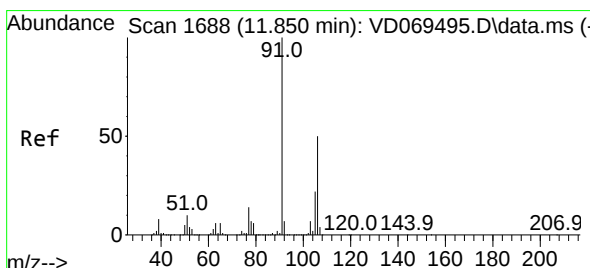
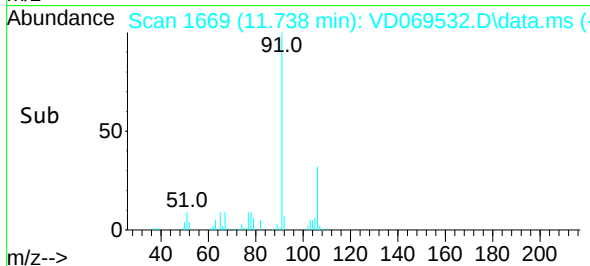
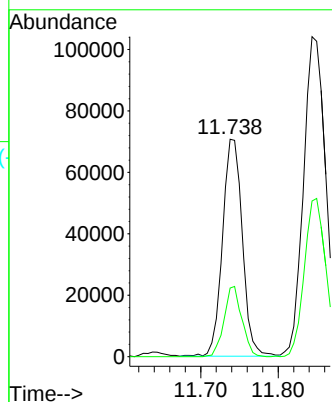
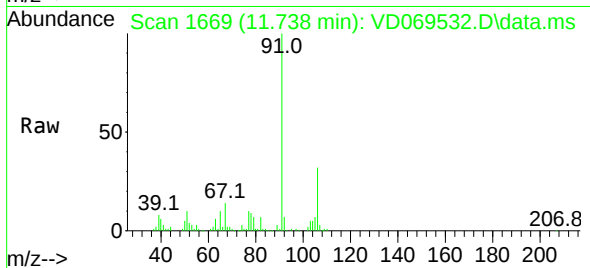




#67  
Ethyl Benzene  
Concen: 3.814 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

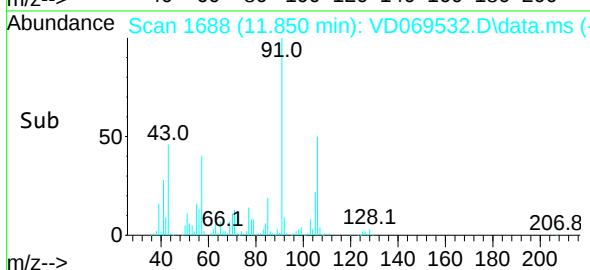
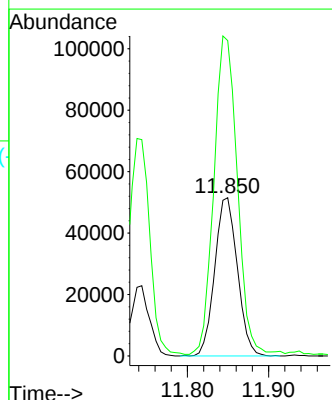
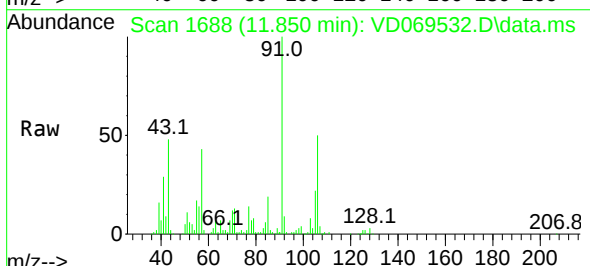
Instrument :  
MSVOA\_D  
ClientSampled :

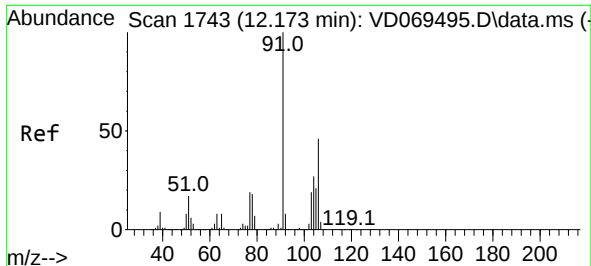
Tgt Ion: 91 Resp: 125884  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.2 36.4



#68  
m/p-Xylenes  
Concen: 8.039 ug/l  
RT: 11.850 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 106 Resp: 99900  
Ion Ratio Lower Upper  
106 100  
91 207.6 164.2 246.4

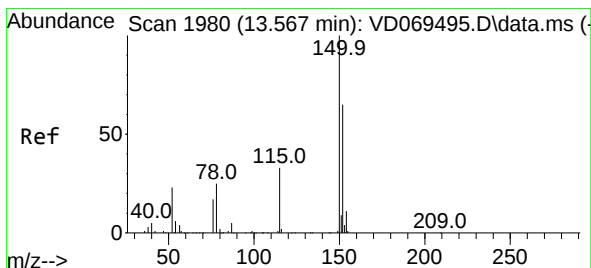
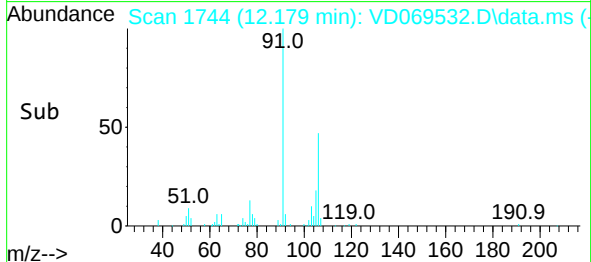
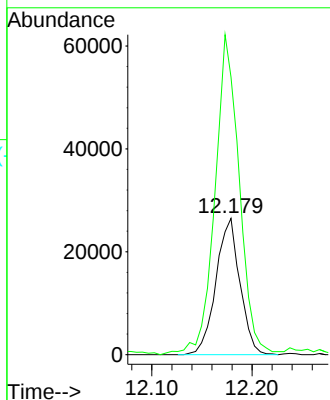
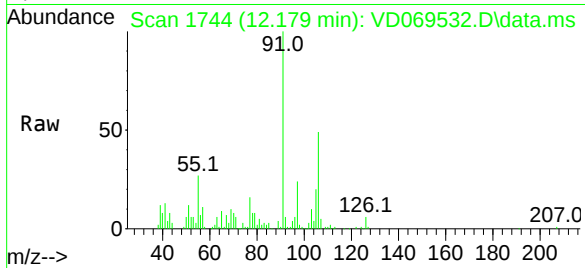




#69  
o-Xylene  
Concen: 3.943 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.006 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

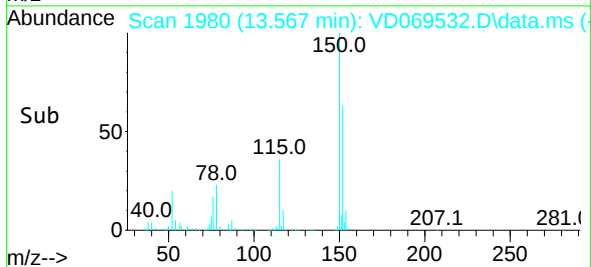
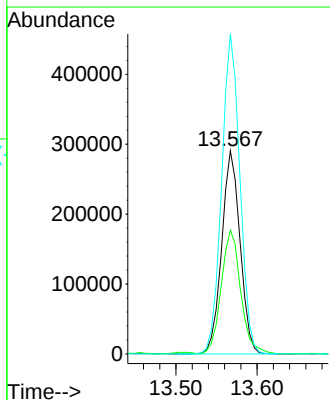
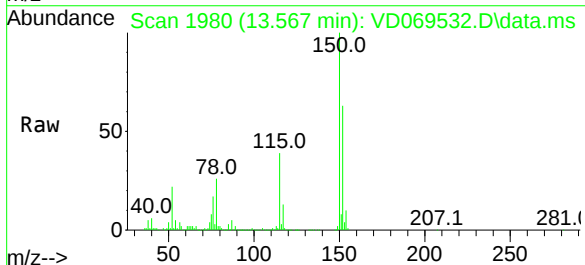
Instrument :  
MSVOA\_D  
ClientSampled :

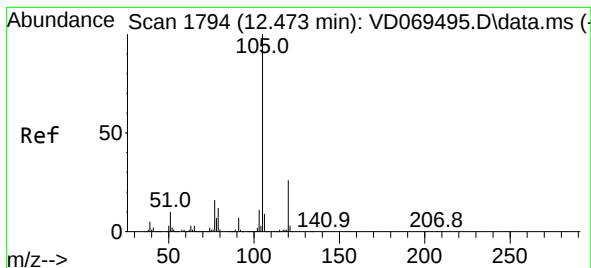
Tgt Ion:106 Resp: 43925  
Ion Ratio Lower Upper  
106 100  
91 239.3 107.7 323.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion:152 Resp: 456739  
Ion Ratio Lower Upper  
152 100  
115 64.3 31.7 95.1  
150 156.7 0.0 350.8

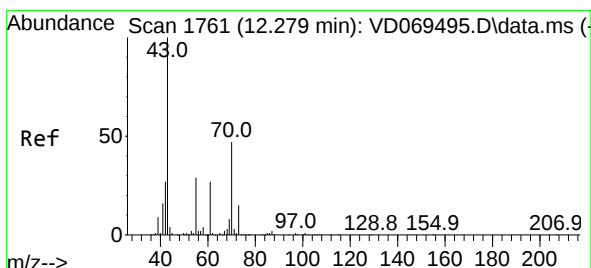
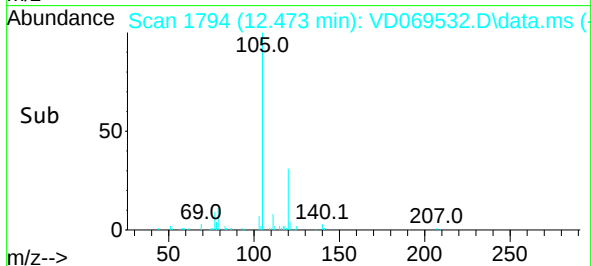
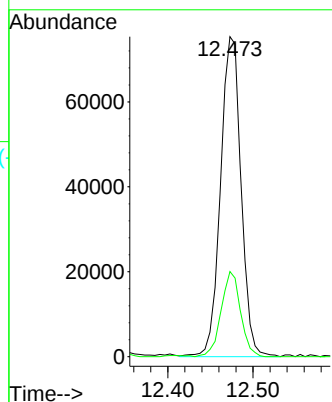
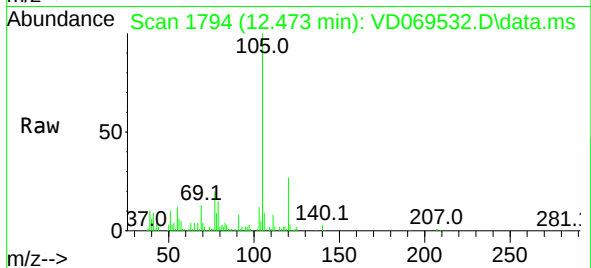




#73  
Isopropylbenzene  
Concen: 4.018 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

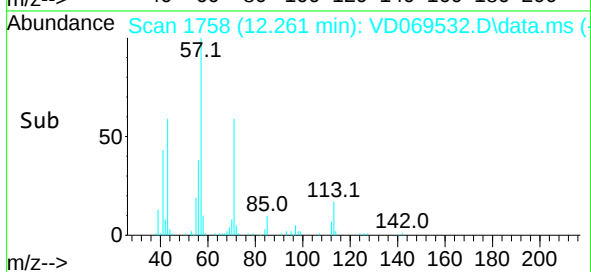
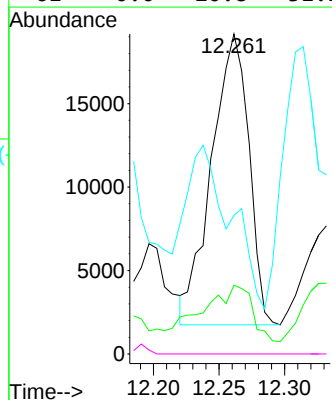
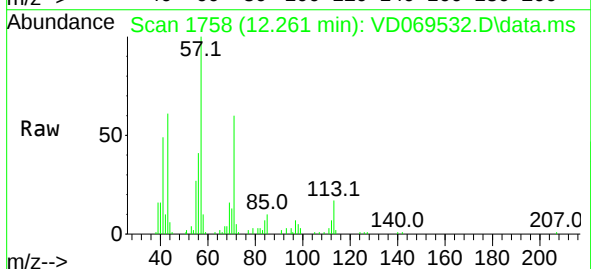
Instrument :  
MSVOA\_D  
ClientSampled :

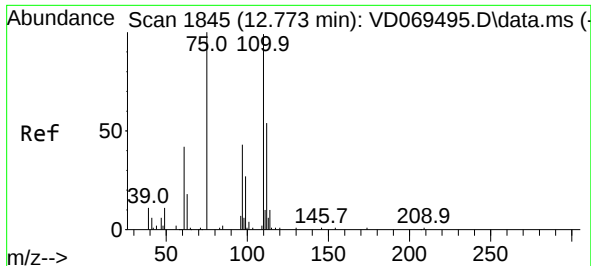
Tgt Ion:105 Resp: 126431  
Ion Ratio Lower Upper  
105 100  
120 25.1 12.9 38.6



#74  
N-ethyl acetate  
Concen: 5.390 ug/l  
RT: 12.261 min Scan# 1758  
Delta R.T. -0.018 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 43 Resp: 34436  
Ion Ratio Lower Upper  
43 100  
70 26.1 38.1 57.1#  
55 0.0 24.1 36.1#  
61 0.0 20.8 31.2#

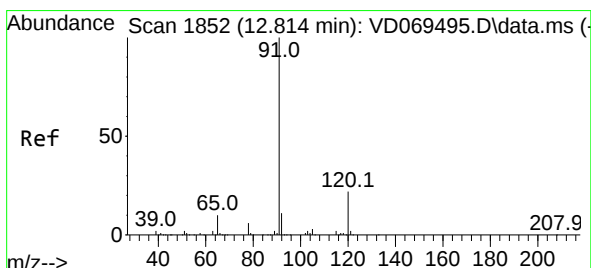
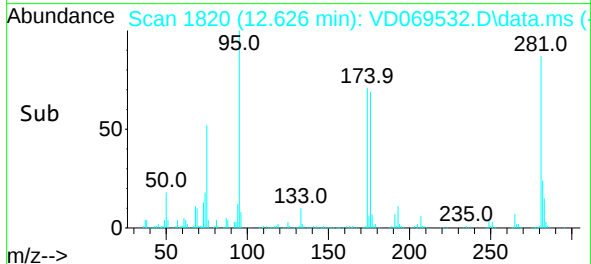
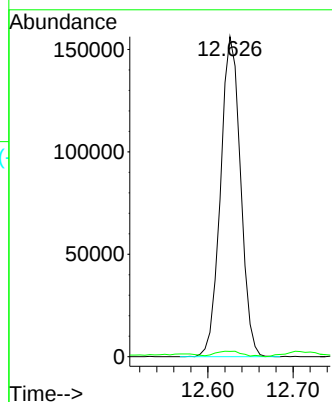
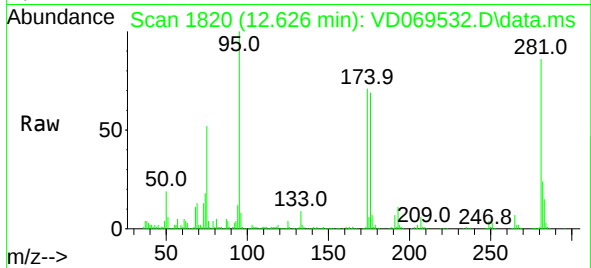




#76  
1,2,3-Trichloropropane  
Concen: 56.964 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.147 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

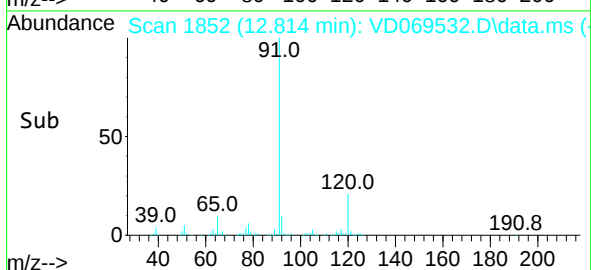
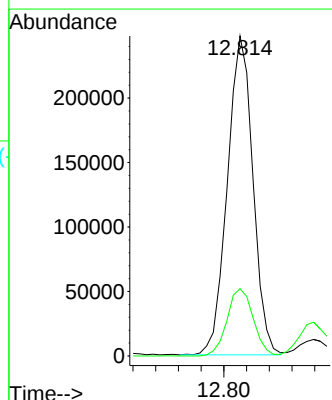
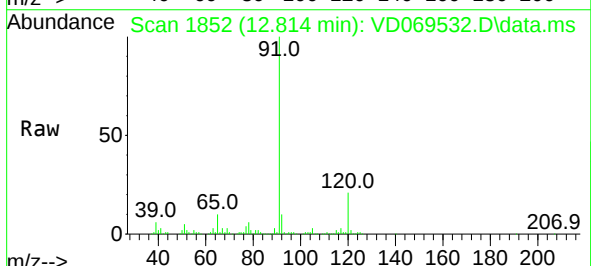
Instrument :  
MSVOA\_D  
ClientSampleId :

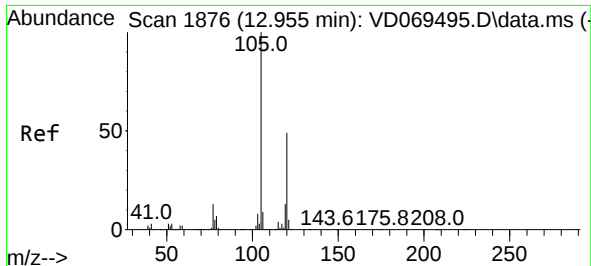
Tgt Ion: 75 Resp: 255397  
Ion Ratio Lower Upper  
75 100  
77 2.3 162.6 487.8#



#78  
n-propylbenzene  
Concen: 9.774 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 91 Resp: 386033  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.9

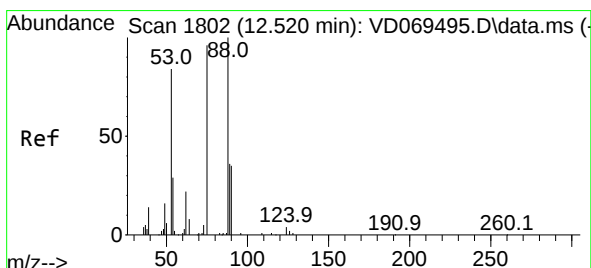
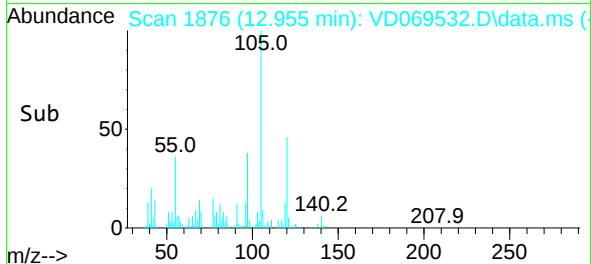
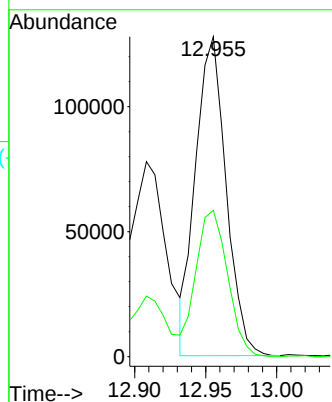
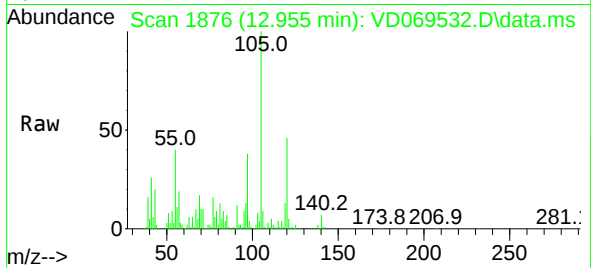




#80  
1,3,5-Trimethylbenzene  
Concen: 7.175 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

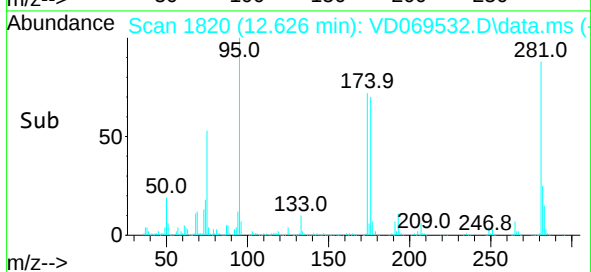
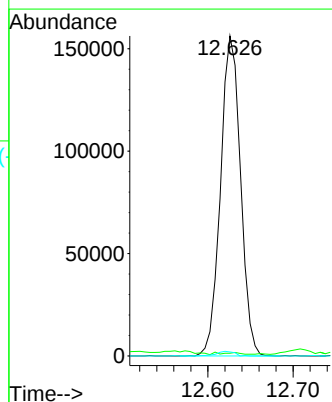
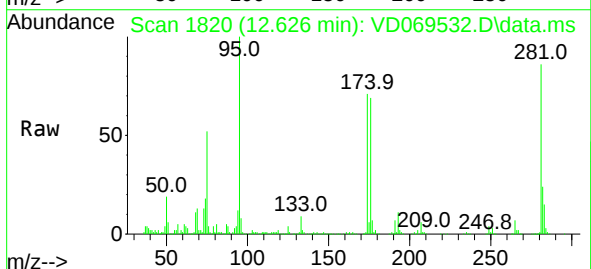
Instrument :  
MSVOA\_D  
ClientSampled :

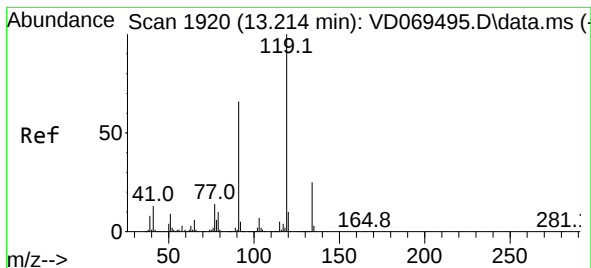
Tgt Ion:105 Resp: 190022  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.6 70.8



#81  
trans-1,4-Dichloro-2-butene  
Concen: 142.231 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.106 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion: 75 Resp: 255397  
Ion Ratio Lower Upper  
75 100  
53 0.3 74.6 112.0#  
89 1.3 35.3 52.9#





#83

tert-Butylbenzene

Concen: 2.317 ug/l

RT: 13.220 min Scan# 1921

Delta R.T. 0.006 min

Lab File: VD069532.D

Acq: 22 Jun 2021 22:45

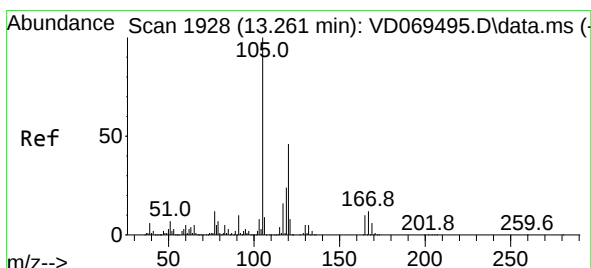
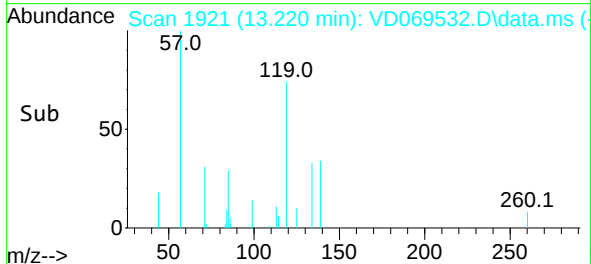
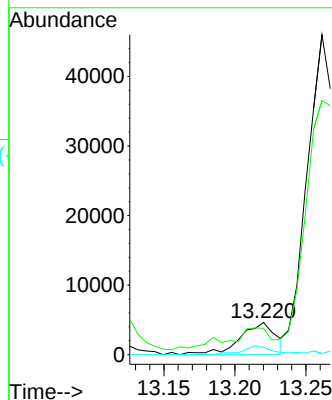
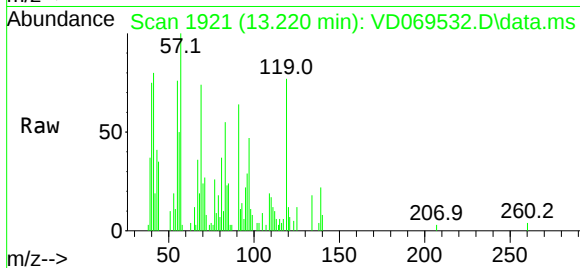
Tgt Ion:119 Resp: 8025

Ion Ratio Lower Upper

119 100

91 55.6 32.5 97.4

134 22.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.186 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD069532.D

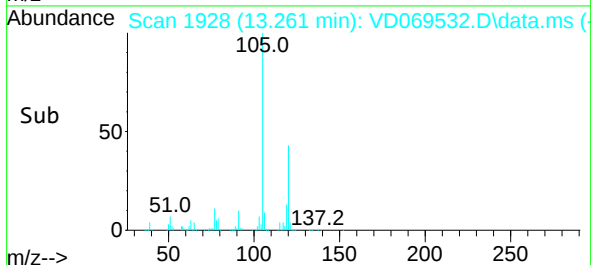
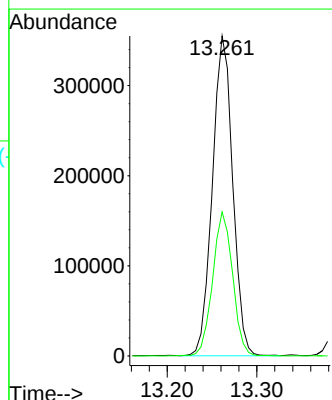
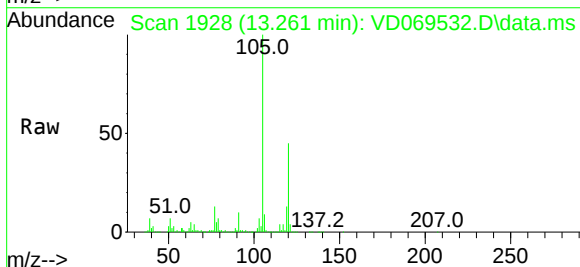
Acq: 22 Jun 2021 22:45

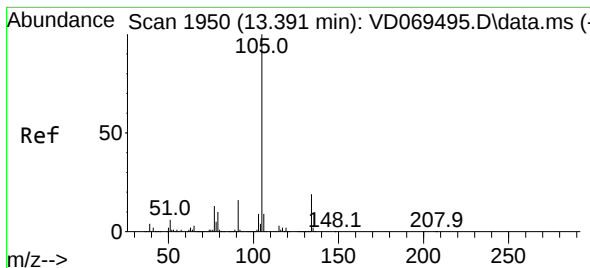
Tgt Ion:105 Resp: 557750

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8

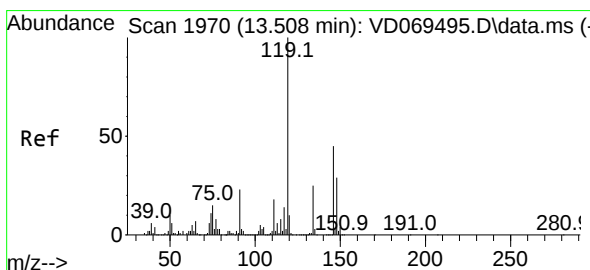
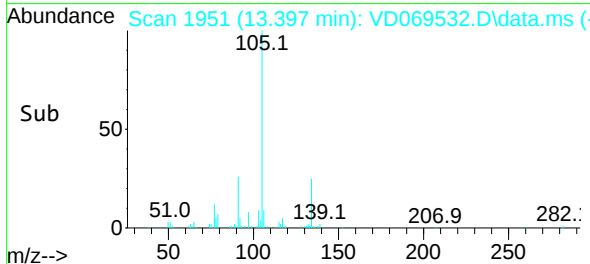
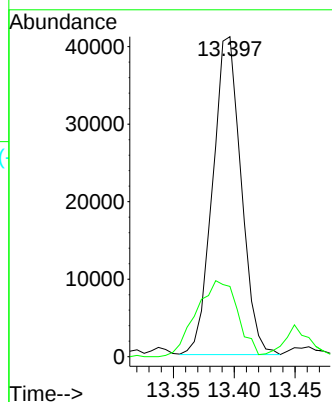
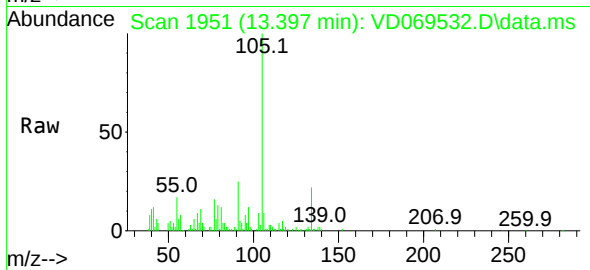




#85  
 sec-Butylbenzene  
 Concen: 2.024 ug/l  
 RT: 13.397 min Scan# 1951  
 Delta R.T. 0.006 min  
 Lab File: VD069532.D  
 Acq: 22 Jun 2021 22:45

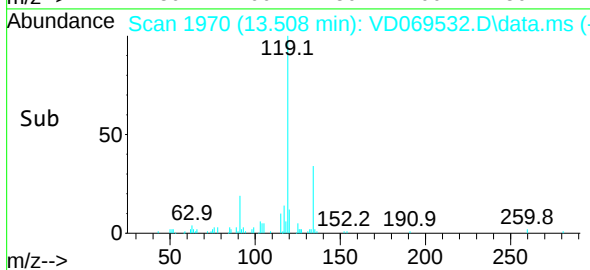
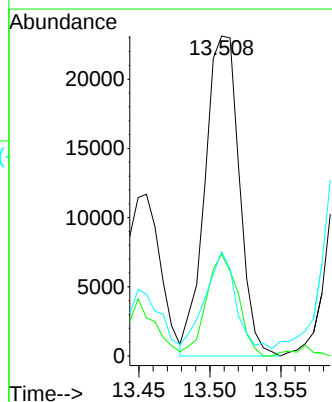
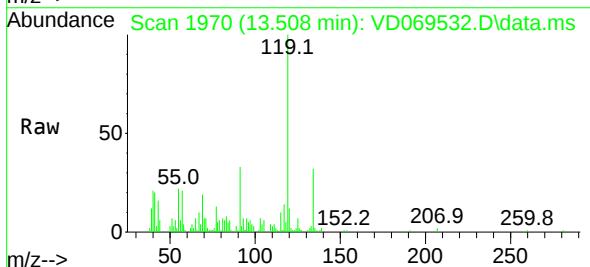
Instrument :  
 MSVOA\_D  
 ClientSampled :

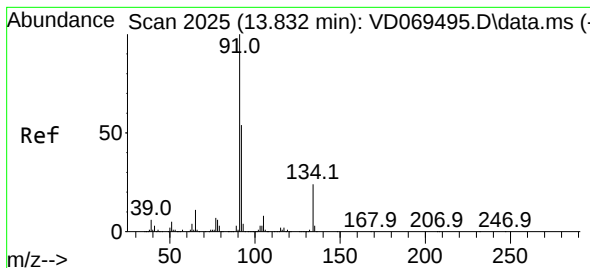
Tgt Ion:105 Resp: 66814  
 Ion Ratio Lower Upper  
 105 100  
 134 35.1 9.5 28.5#



#86  
 p-Isopropyltoluene  
 Concen: 1.398 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.000 min  
 Lab File: VD069532.D  
 Acq: 22 Jun 2021 22:45

Tgt Ion:119 Resp: 38867  
 Ion Ratio Lower Upper  
 119 100  
 134 29.0 12.6 37.6  
 91 26.3 11.8 35.4

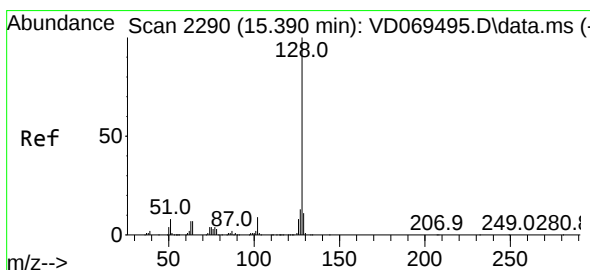
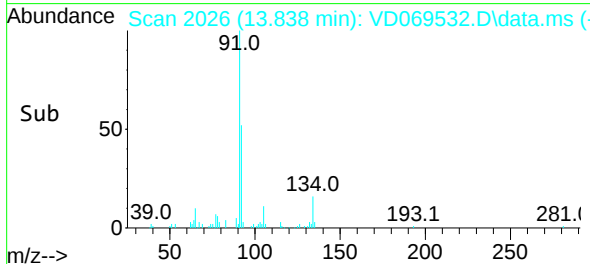
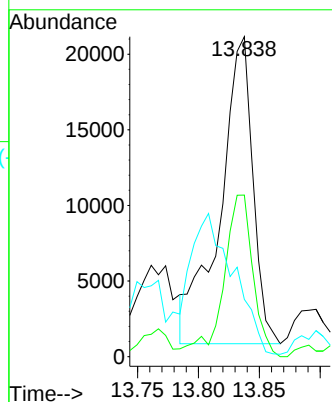
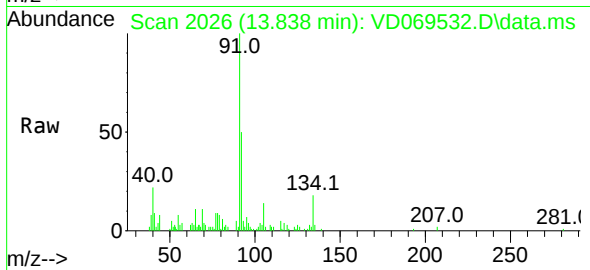




#89  
n-Butylbenzene  
Concen: 1.373 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion: 91 Resp: 38080  
Ion Ratio Lower Upper  
91 100  
92 47.0 26.5 79.5  
134 0.0 11.9 35.9#



#95  
Naphthalene  
Concen: 3.754 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.005 min  
Lab File: VD069532.D  
Acq: 22 Jun 2021 22:45

Tgt Ion:128 Resp: 6095  
Ion Ratio Lower Upper  
128 100  
127 16.0 10.6 16.0#  
129 9.5 8.7 13.1

