

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032921\  
 Data File : VN066406.D  
 Acq On : 30 Mar 2021 3:31  
 Operator : JC/MD  
 Sample : M1821-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EL-509-STREET-LEVEL

Quant Time: Mar 30 07:09:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 26 16:26:01 2021  
 Response via : Initial Calibration

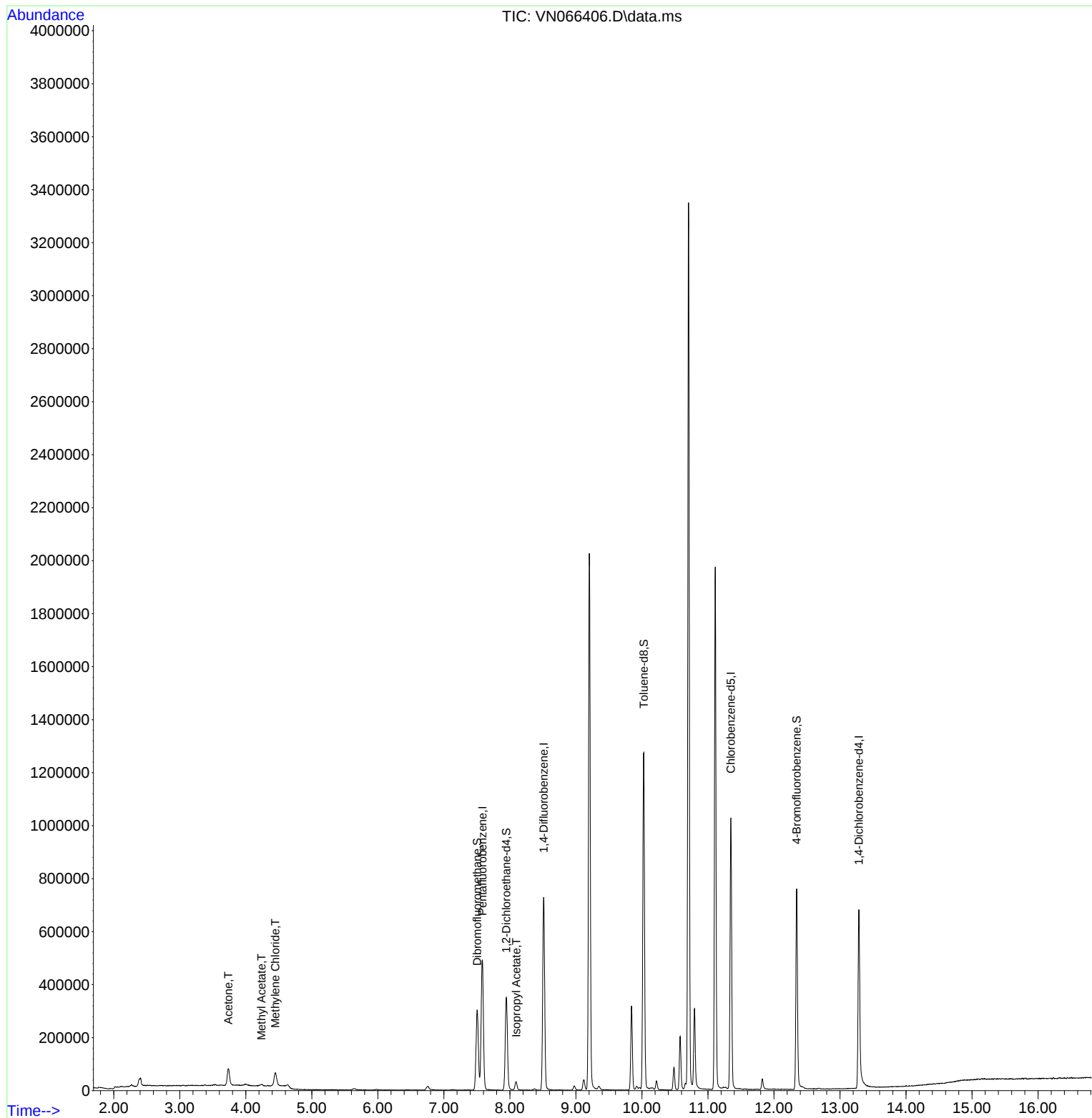
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.585  | 168   | 415698   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.512  | 114   | 639536   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.347 | 117   | 574206   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.286 | 152   | 212564   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 7.947  | 65    | 292388   | 52.91    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 105.82% |          |
| 35) Dibromofluoromethane    | 7.504  | 113   | 228002   | 53.78    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.56% |          |
| 50) Toluene-d8              | 10.028 | 98    | 866156   | 53.86    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 107.72% |          |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 252276   | 45.16    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 90.32%  |          |
| Target Compounds            |        |       |          |          |           |          |
| 16) Acetone                 | 3.736  | 43    | 103129   | 34.54    | ug/l      | 98       |
| 18) Methyl Acetate          | 4.237  | 43    | 10126    | 1.30     | ug/l      | # 76     |
| 20) Methylene Chloride      | 4.447  | 84    | 34048    | 5.28     | ug/l      | 99       |
| 43) Isopropyl Acetate       | 8.097  | 43    | 36406    | 3.22     | ug/l      | 97       |
| -----                       |        |       |          |          |           |          |

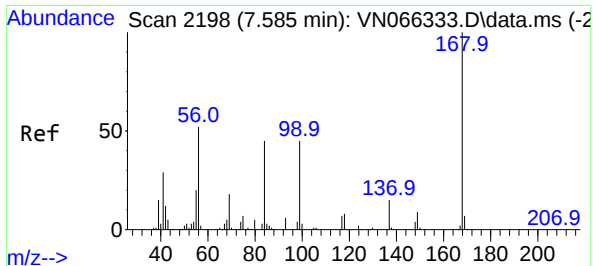
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

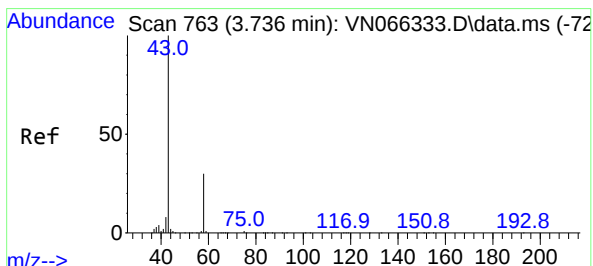
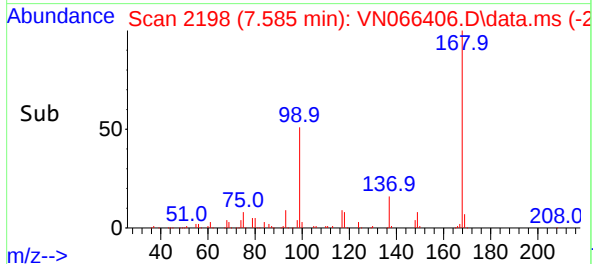
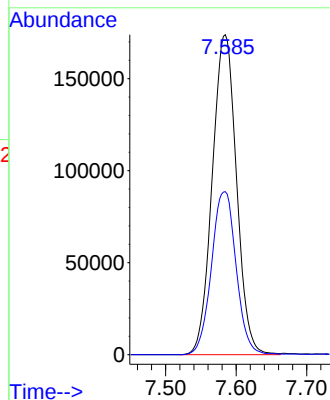
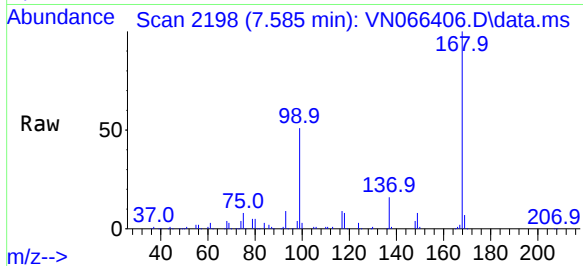




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.585 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

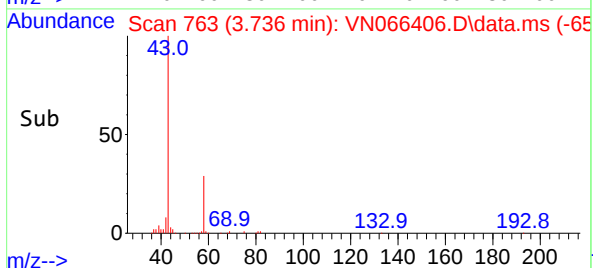
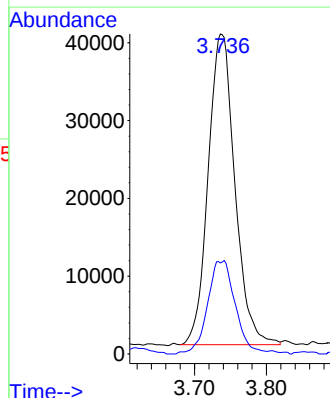
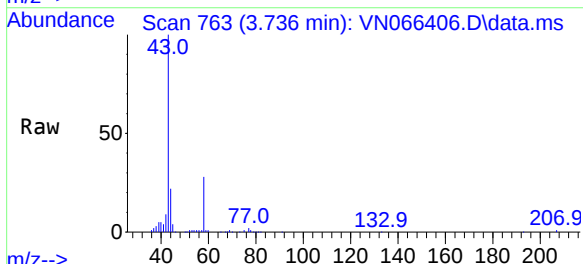
Instrument :  
MSVOA\_N  
ClientSampleId :  
EL-509-STREET-LEVEL

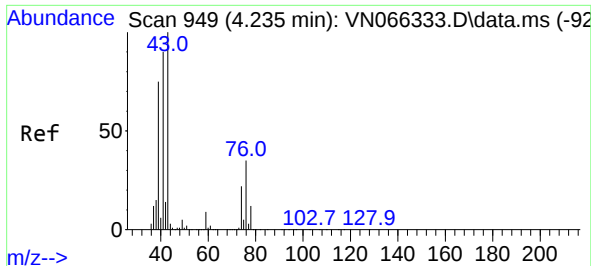
Tgt Ion:168 Resp: 415698  
Ion Ratio Lower Upper  
168 100  
99 50.9 41.1 61.7



#16  
Acetone  
Concen: 34.54 ug/l  
RT: 3.736 min Scan# 763  
Delta R.T. 0.000 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

Tgt Ion: 43 Resp: 103129  
Ion Ratio Lower Upper  
43 100  
58 28.8 23.8 35.8

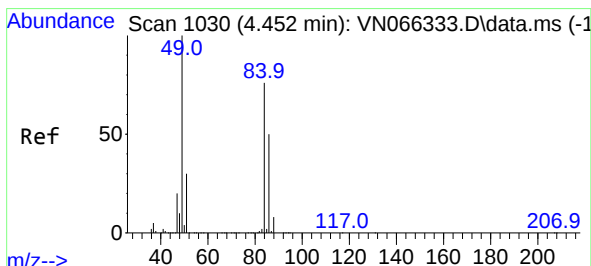
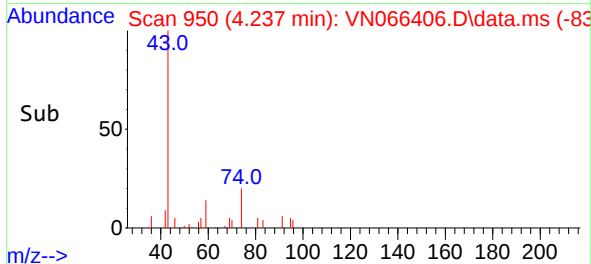
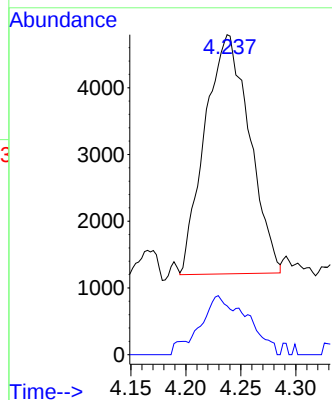
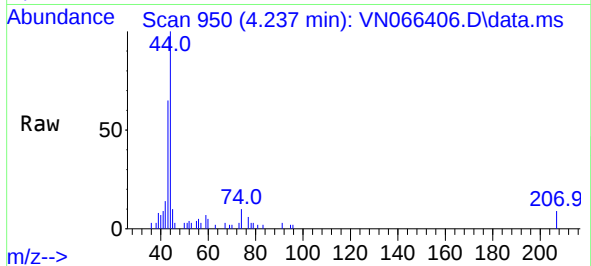




#18  
Methyl Acetate  
Concen: 1.30 ug/l  
RT: 4.237 min Scan# 950  
Delta R.T. 0.003 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

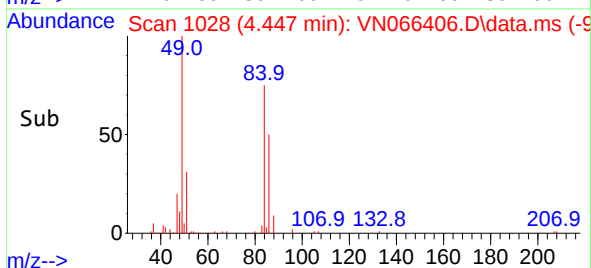
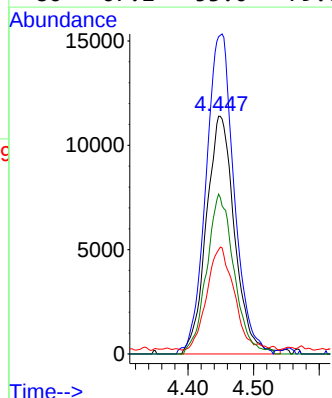
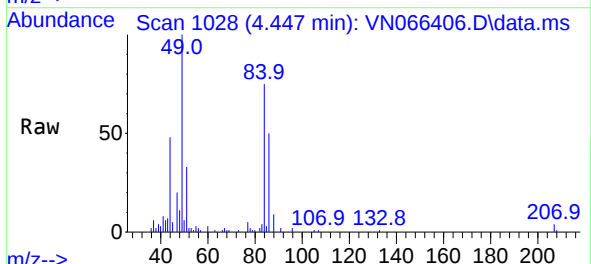
Instrument :  
MSVOA\_N  
ClientSampleId :  
EL-509-STREET-LEVEL

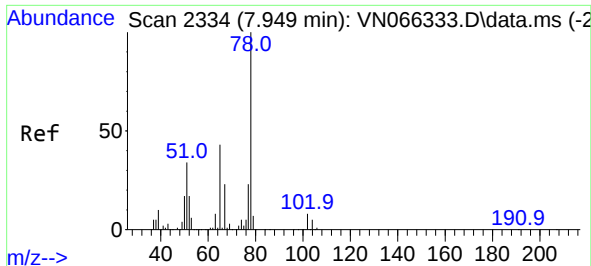
Tgt Ion: 43 Resp: 10126  
Ion Ratio Lower Upper  
43 100  
74 10.6 17.6 26.4#



#20  
Methylene Chloride  
Concen: 5.28 ug/l  
RT: 4.447 min Scan# 1028  
Delta R.T. -0.005 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

Tgt Ion: 84 Resp: 34048  
Ion Ratio Lower Upper  
84 100  
49 131.9 105.0 157.6  
51 42.0 31.6 47.4  
86 67.2 53.0 79.6



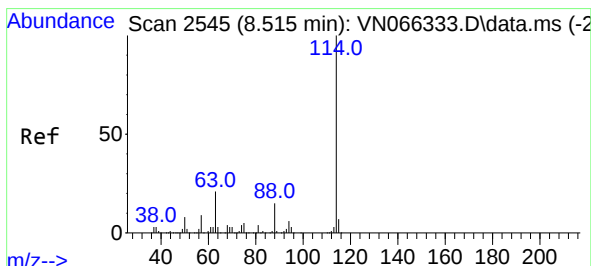
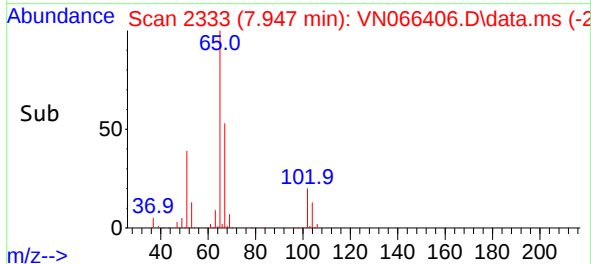
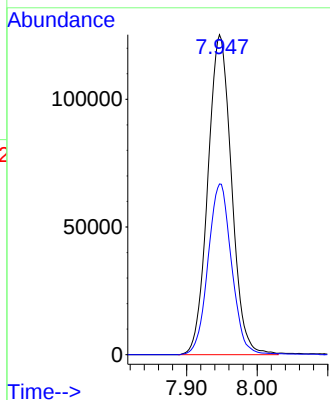
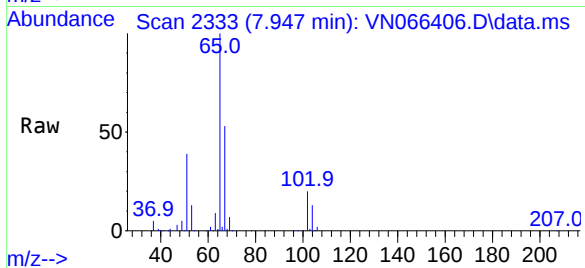


#33

1,2-Dichloroethane-d4  
Concen: 52.91 ug/l  
RT: 7.947 min Scan# 2333  
Delta R.T. -0.002 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
EL-509-STREET-LEVEL

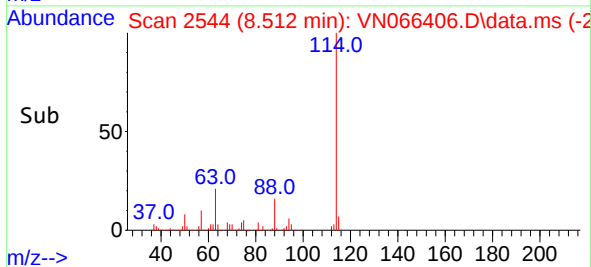
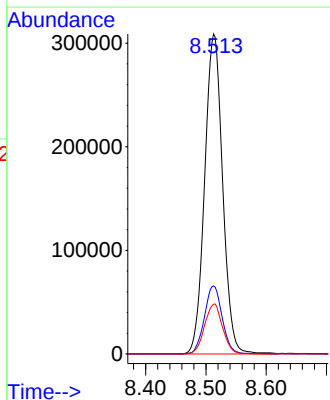
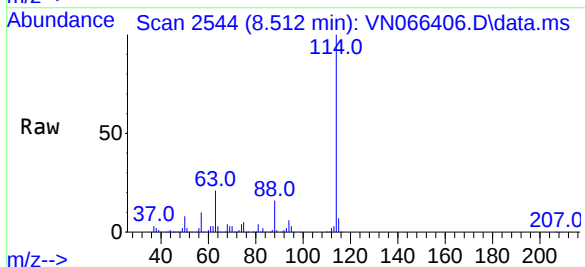
Tgt Ion: 65 Resp: 292388  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 105.2

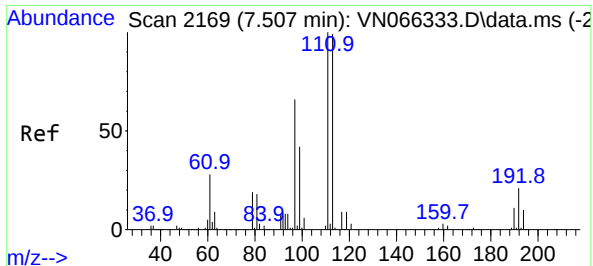


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.512 min Scan# 2544  
Delta R.T. -0.003 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

Tgt Ion: 114 Resp: 639536  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 42.0  
88 15.6 0.0 31.0

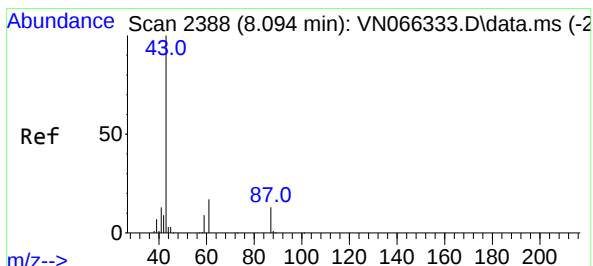
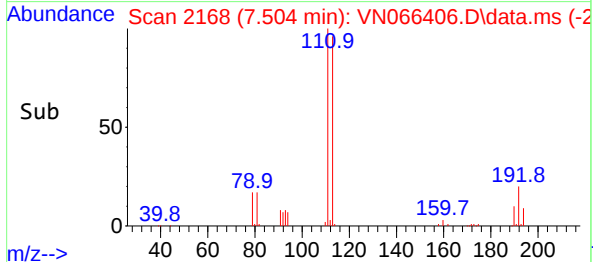
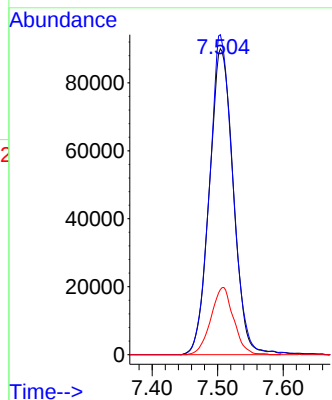
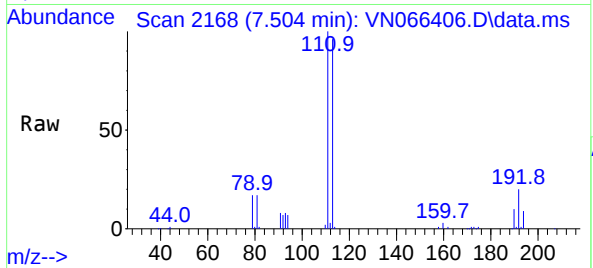




#35  
Dibromofluoromethane  
Concen: 53.78 ug/l  
RT: 7.504 min Scan# 2168  
Delta R.T. -0.003 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

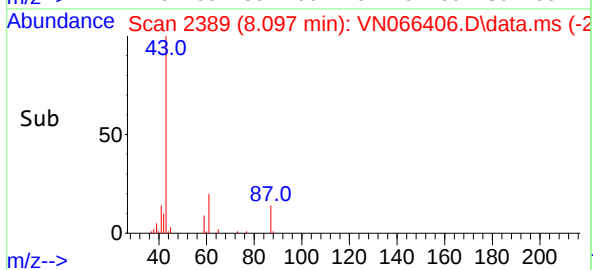
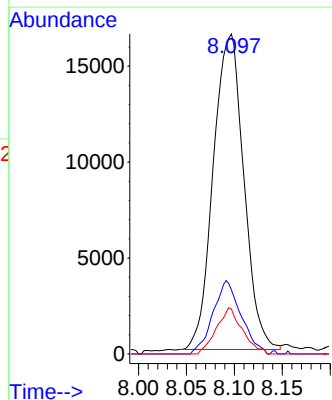
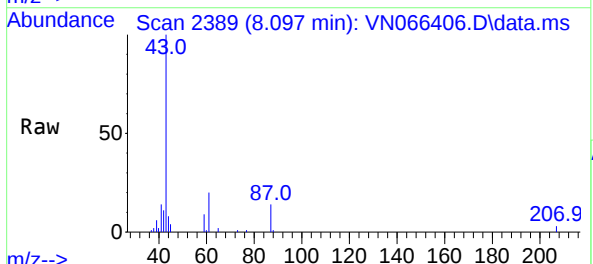
Instrument :  
MSVOA\_N  
ClientSampleId :  
EL-509-STREET-LEVEL

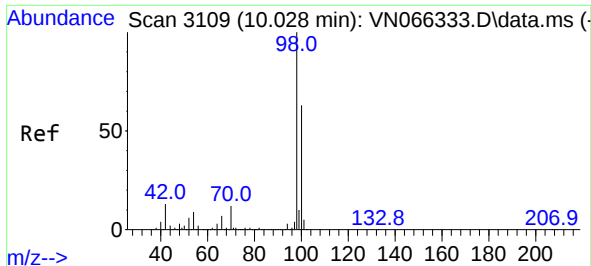
Tgt Ion:113 Resp: 228002  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.8 122.8  
192 20.9 17.1 25.7



#43  
Isopropyl Acetate  
Concen: 3.22 ug/l  
RT: 8.097 min Scan# 2389  
Delta R.T. 0.003 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

Tgt Ion: 43 Resp: 36406  
Ion Ratio Lower Upper  
43 100  
61 21.3 15.5 23.3  
87 12.4 10.5 15.7

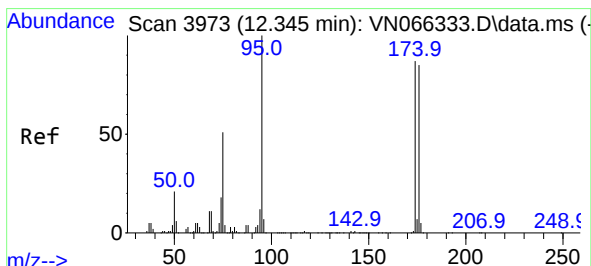
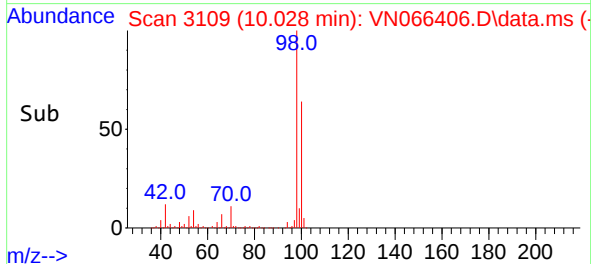
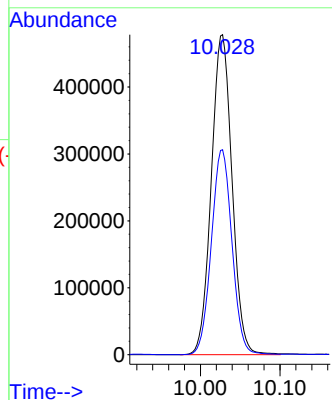
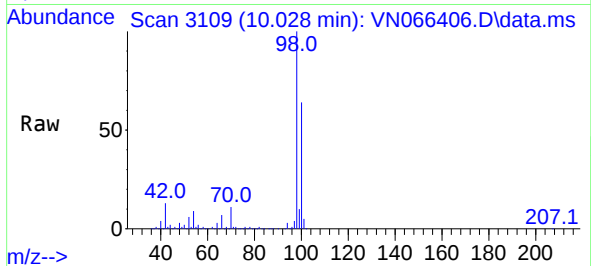




#50  
Toluene-d8  
Concen: 53.86 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

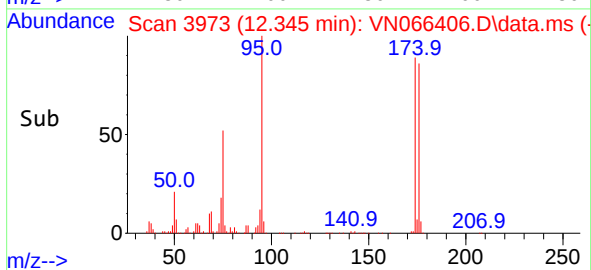
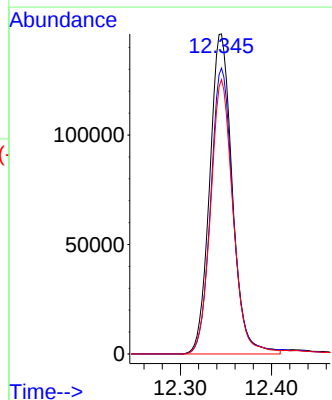
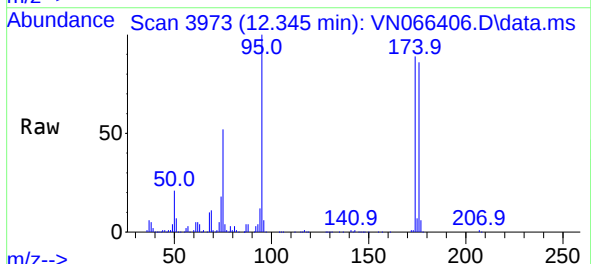
Instrument :  
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EL-509-STREET-LEVEL

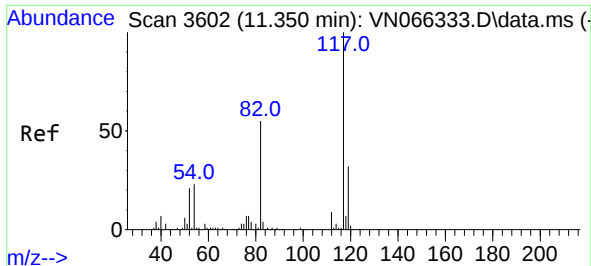
Tgt Ion: 98 Resp: 866156  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 45.16 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.000 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

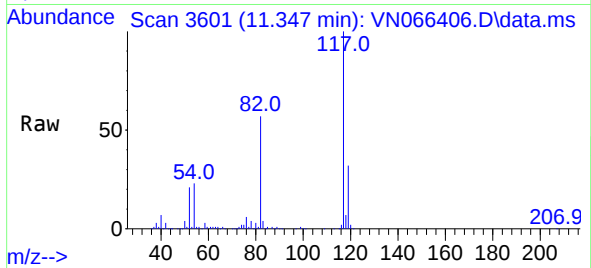
Tgt Ion: 95 Resp: 252276  
Ion Ratio Lower Upper  
95 100  
174 87.9 0.0 172.2  
176 84.5 0.0 167.8



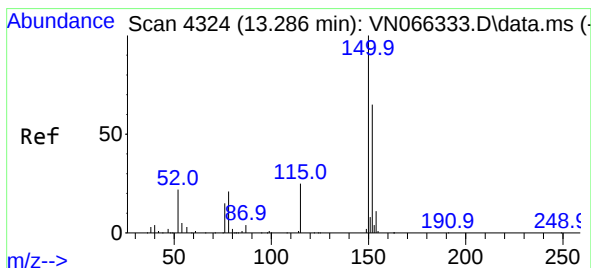
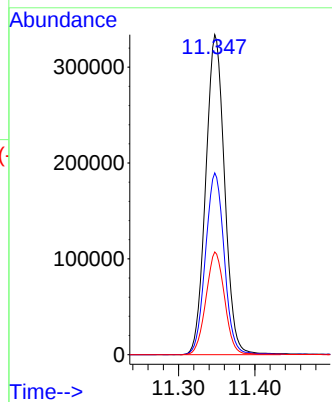
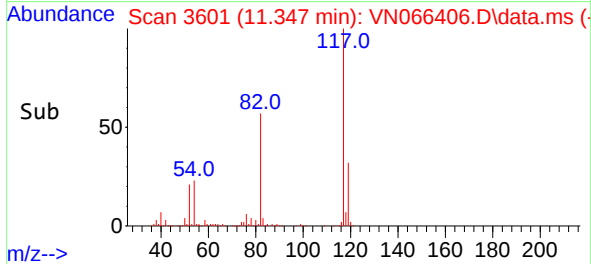


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. -0.003 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31

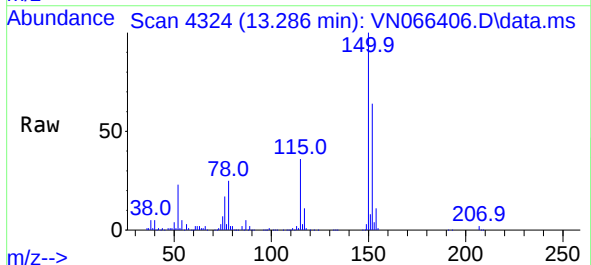
Instrument :  
MSVOA\_N  
ClientSampleId :  
EL-509-STREET-LEVEL



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 574206 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.7  | 44.2  | 66.4   |
| 119      | 32.1  | 25.8  | 38.6   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. 0.000 min  
Lab File: VN066406.D  
Acq: 30 Mar 2021 3:31



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 212564 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 56.5  | 27.8  | 83.4   |
| 150      | 158.6 | 0.0   | 348.4  |

