

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032921\  
 Data File : VN066368.D  
 Acq On : 29 Mar 2021 11:54  
 Operator : JC/MD  
 Sample : M1788-08DL 40X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DUP04-20210322DL

Quant Time: Mar 30 01:32:17 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

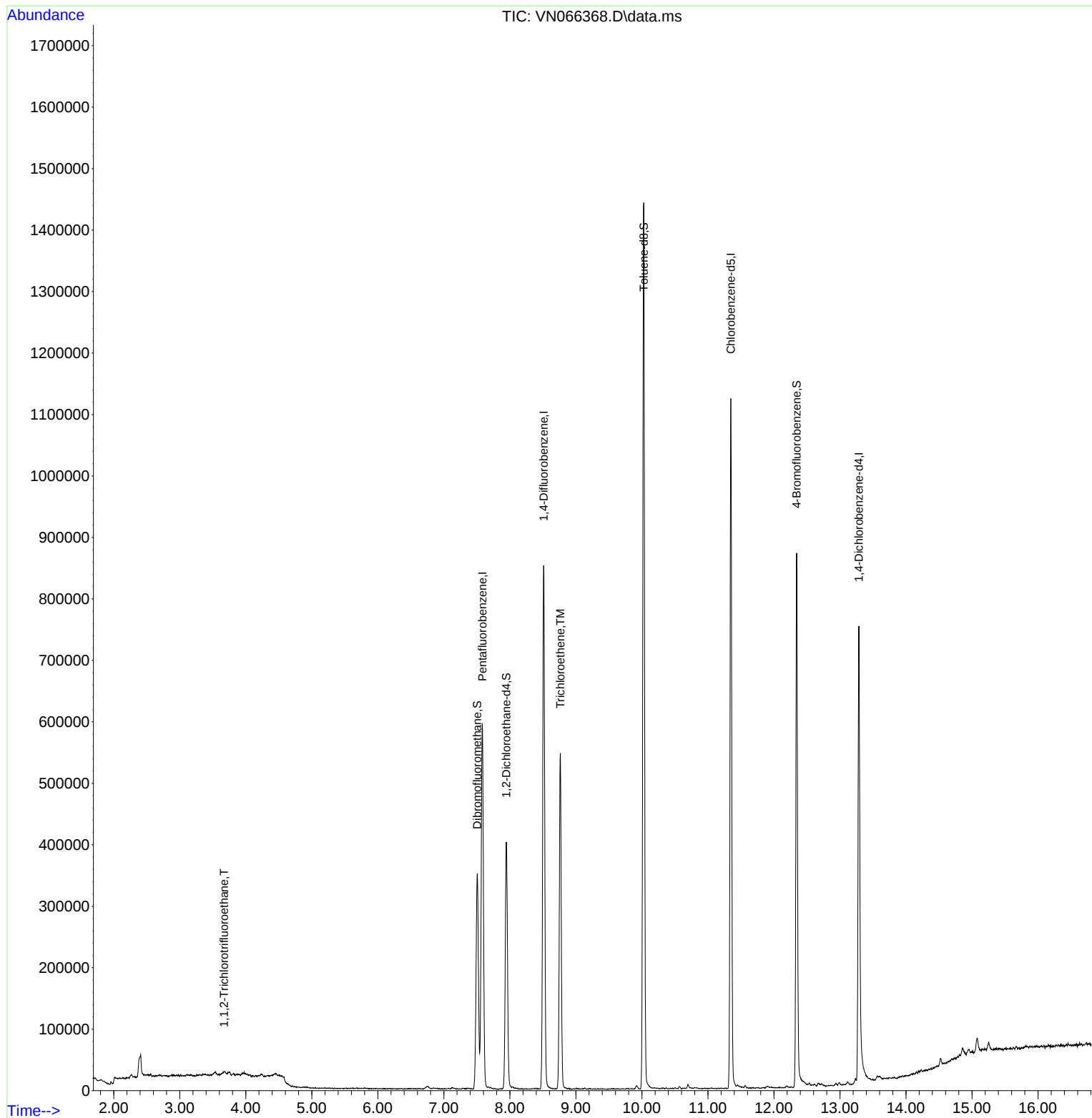
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.584  | 168   | 508305   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.512  | 114   | 757762   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.347 | 117   | 638208   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.286 | 152   | 238209   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 7.946  | 65    | 335167   | 49.60    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 99.20%   |
| 35) Dibromofluoromethane     | 7.507  | 113   | 264530   | 52.66    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 105.32%  |
| 50) Toluene-d8               | 10.028 | 98    | 988541   | 51.88    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 103.76%  |
| 62) 4-Bromofluorobenzene     | 12.345 | 95    | 292918   | 44.26    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 88.52%   |
| Target Compounds             |        |       |          |          |        |          |
| 9) 1,1,2-Trichlorotrifluo... | 3.671  | 101   | 2219     | 0.39     | ug/l # | 92       |
| 44) Trichloroethene          | 8.764  | 130   | 197847   | 34.99    | ug/l   | 100      |
| -----                        |        |       |          |          |        |          |

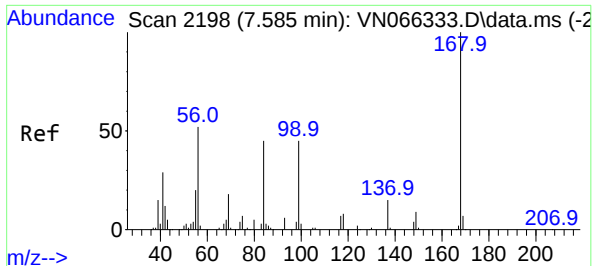
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032921\  
Data File : VN066368.D  
Acq On : 29 Mar 2021 11:54  
Operator : JC/MD  
Sample : M1788-08DL 40X  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

Quant Time: Mar 30 01:32:17 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

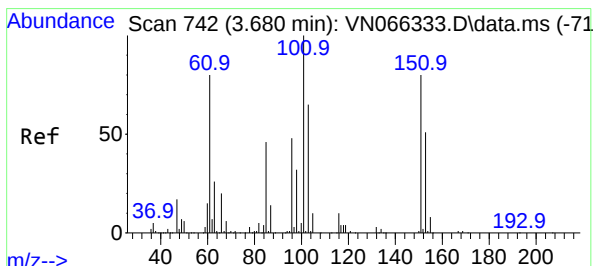
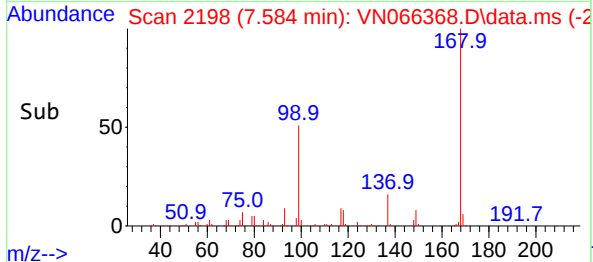
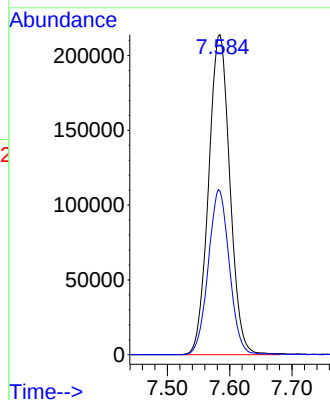
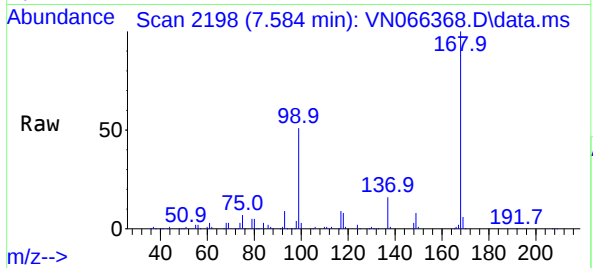




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.584 min Scan# 2198  
Delta R.T. -0.001 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

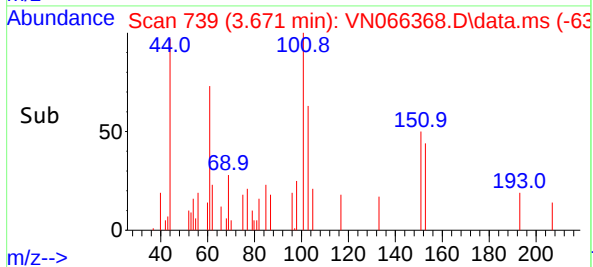
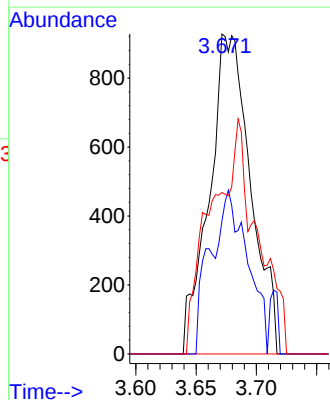
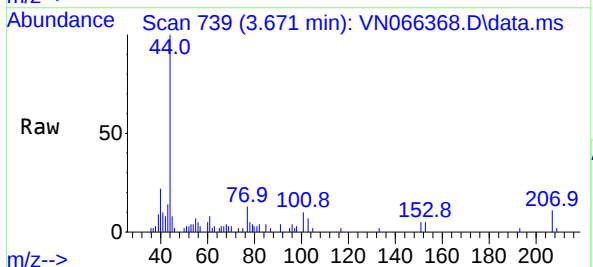
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

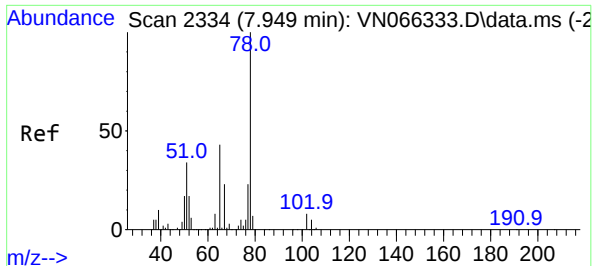
Tgt Ion:168 Resp: 508305  
Ion Ratio Lower Upper  
168 100  
99 51.1 41.1 61.7



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.39 ug/l  
RT: 3.671 min Scan# 739  
Delta R.T. -0.009 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:101 Resp: 2219  
Ion Ratio Lower Upper  
101 100  
85 34.0 36.8 55.2#  
151 80.5 63.0 94.4



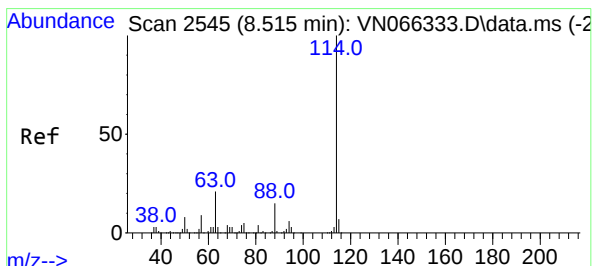
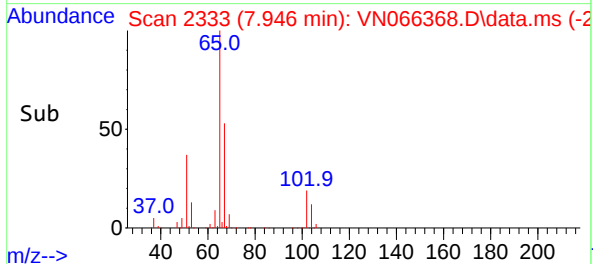
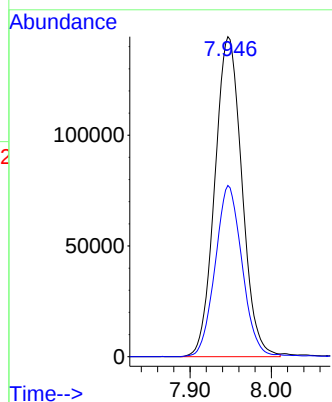
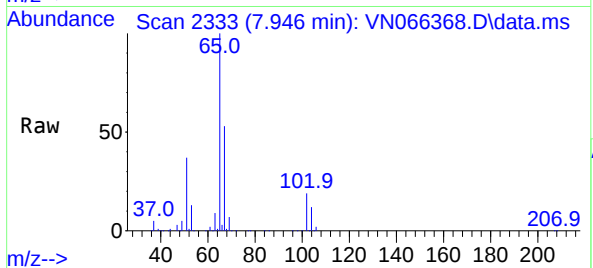


#33

1,2-Dichloroethane-d4  
Concen: 49.60 ug/l  
RT: 7.946 min Scan# 2333  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

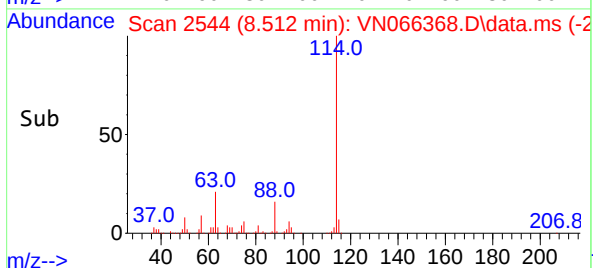
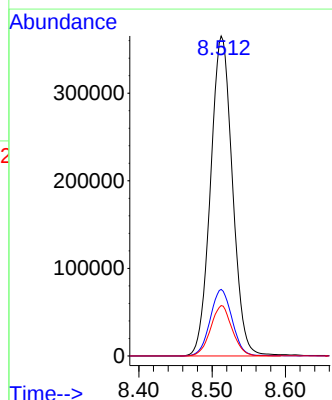
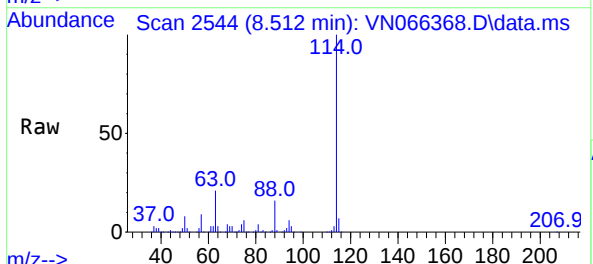
Tgt Ion: 65 Resp: 335167  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 105.2

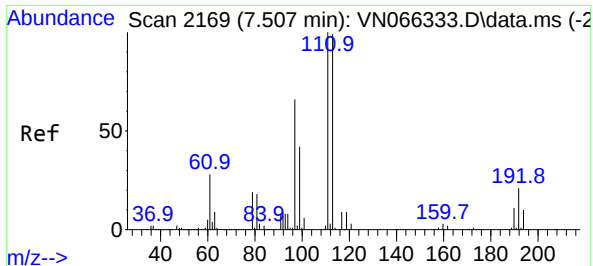


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.512 min Scan# 2544  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 114 Resp: 757762  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 42.0  
88 15.7 0.0 31.0

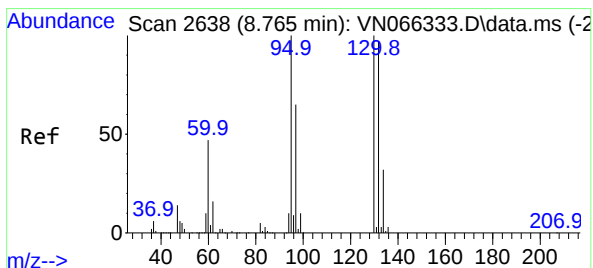
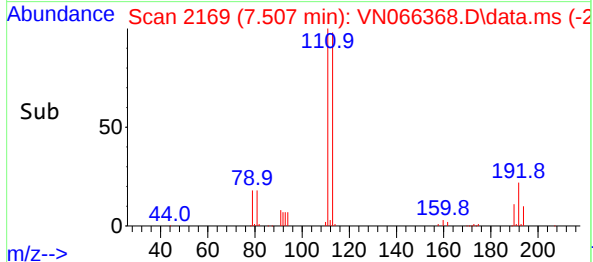
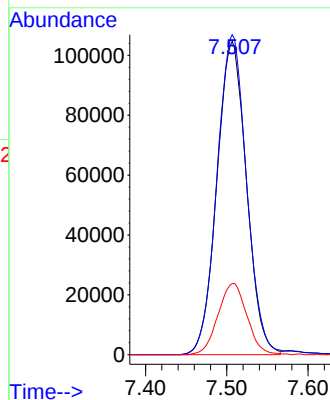
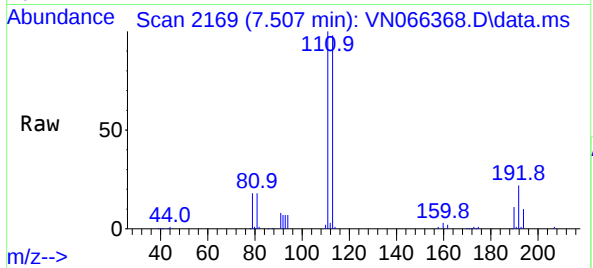




#35  
Dibromofluoromethane  
Concen: 52.66 ug/l  
RT: 7.507 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

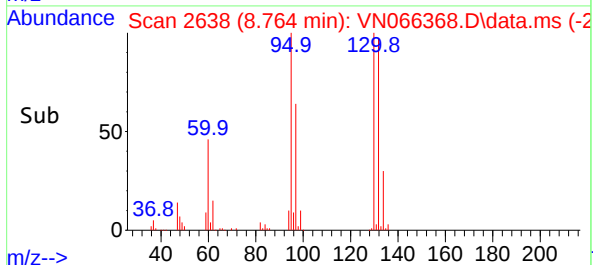
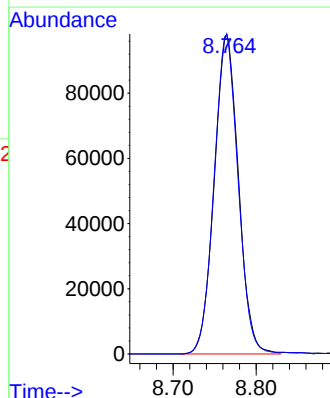
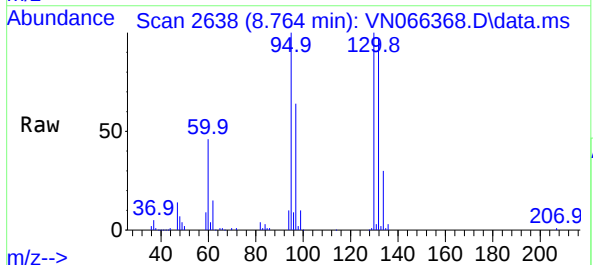
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

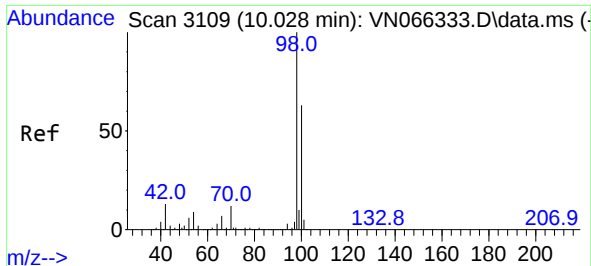
Tgt Ion:113 Resp: 264530  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.8 122.8  
192 22.3 17.1 25.7



#44  
Trichloroethene  
Concen: 34.99 ug/l  
RT: 8.764 min Scan# 2638  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:130 Resp: 197847  
Ion Ratio Lower Upper  
130 100  
95 99.8 0.0 200.6

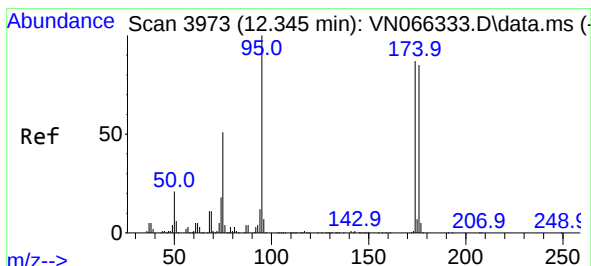
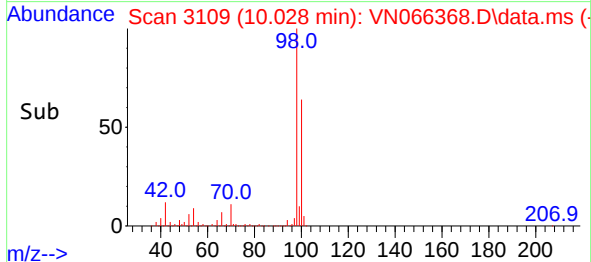
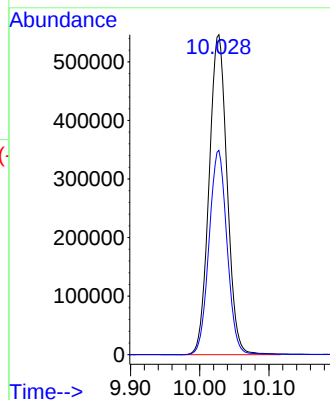
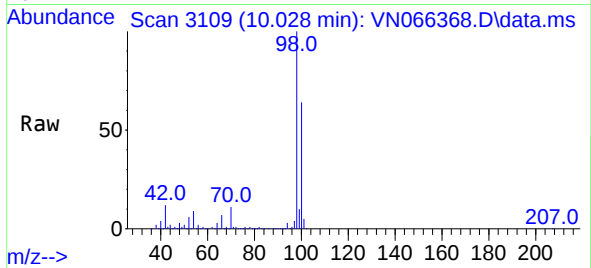




#50  
Toluene-d8  
Concen: 51.88 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

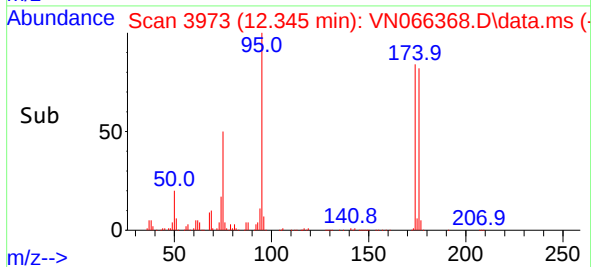
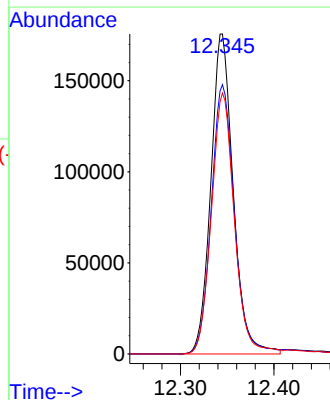
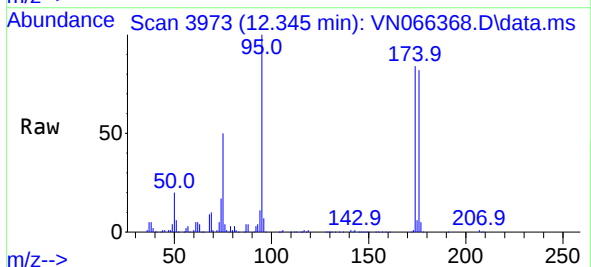
Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

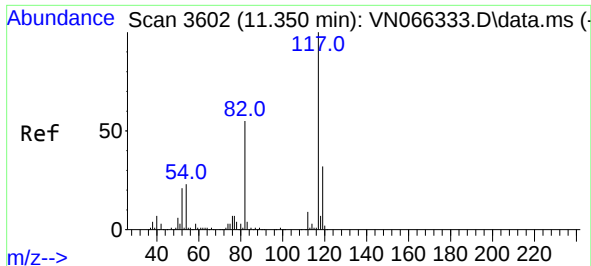
Tgt Ion: 98 Resp: 988541  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 44.26 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.000 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion: 95 Resp: 292918  
Ion Ratio Lower Upper  
95 100  
174 87.3 0.0 172.2  
176 83.7 0.0 167.8

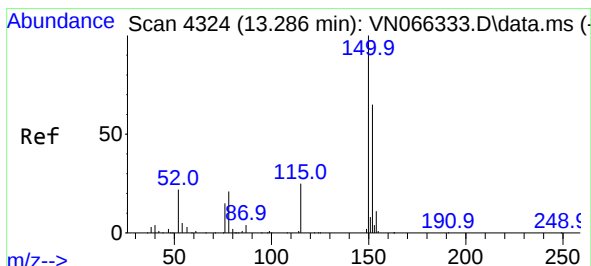
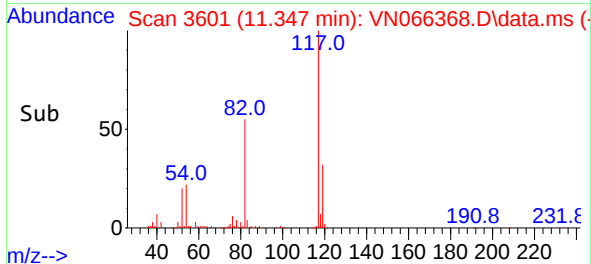
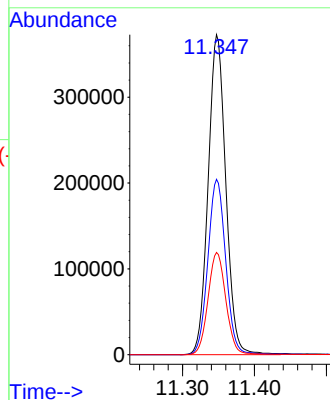
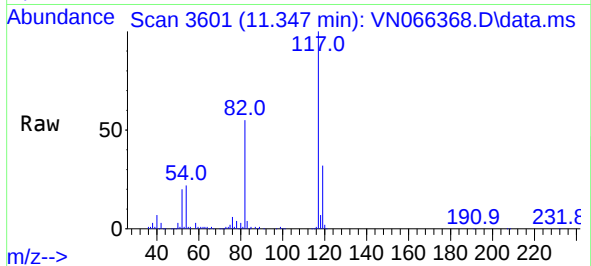




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. -0.003 min  
Lab File: VN066368.D  
Acq: 29 Mar 2021 11:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
DUP04-20210322DL

Tgt Ion:117 Resp: 638208  
Ion Ratio Lower Upper  
117 100  
82 54.8 44.2 66.4  
119 31.9 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: VN066368.D  
Acq: 29 Mar 2021 11:54

Tgt Ion:152 Resp: 238209  
Ion Ratio Lower Upper  
152 100  
115 55.5 27.8 83.4  
150 159.1 0.0 348.4

