

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063022\  
 Data File : VN073274.D  
 Acq On : 30 Jun 2022 18:39  
 Operator : JC\MD  
 Sample : N3554-10  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 152140-SPC-03-40

Quant Time: Jul 01 08:09:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

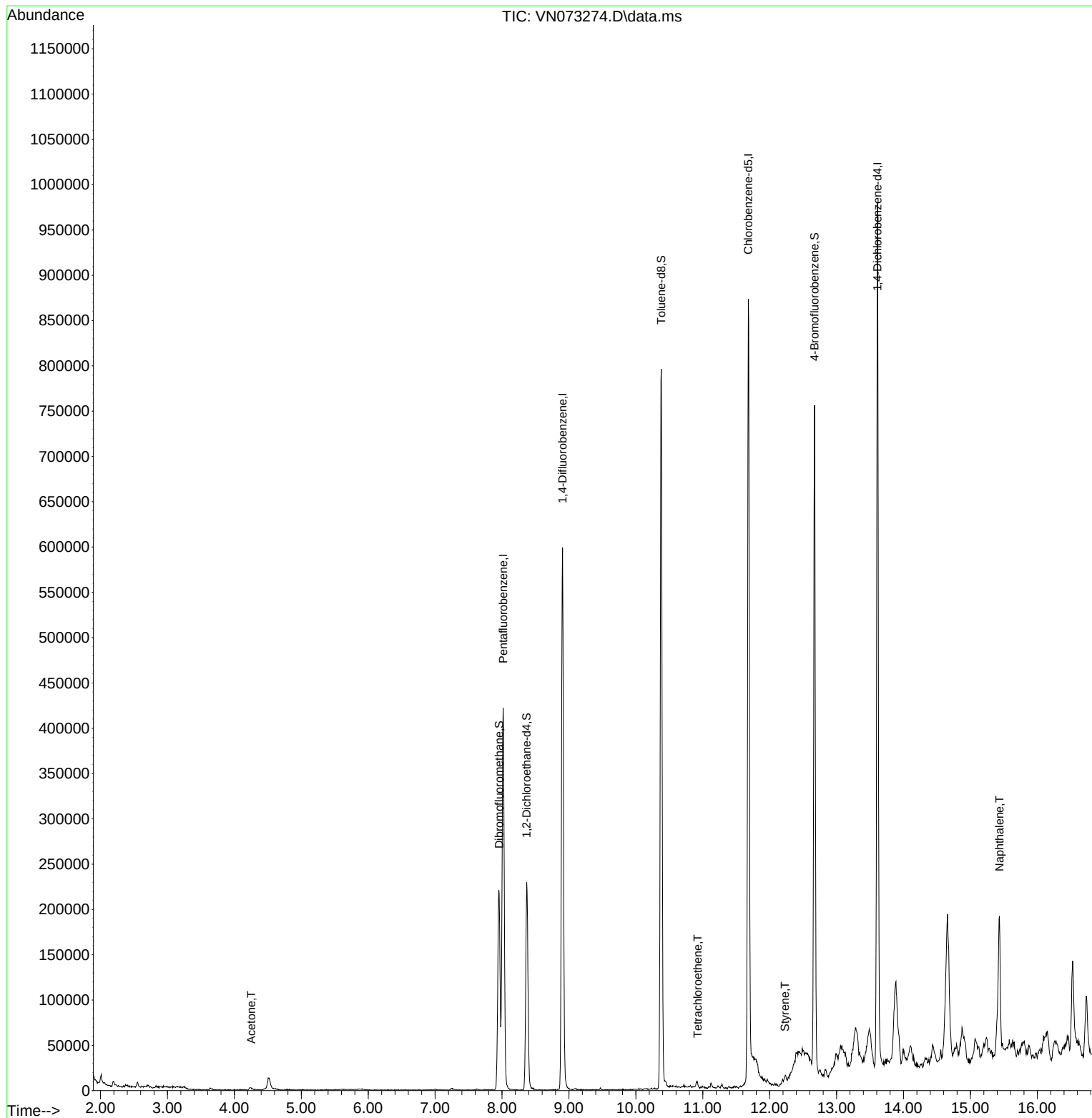
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 323679   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 535495   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 497611   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 249359   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 196770   | 42.111   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 84.220%  |
| 35) Dibromofluoromethane    | 7.957  | 113   | 166756   | 46.806   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.620%  |
| 50) Toluene-d8              | 10.381 | 98    | 557959   | 44.095   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 88.180%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 254678   | 52.374   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 104.740% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.252  | 43    | 5223     | 1.991    | ug/l # | 82       |
| 64) Tetrachloroethene       | 10.922 | 164   | 1830     | 0.450    | ug/l # | 74       |
| 70) Styrene                 | 12.227 | 104   | 3751     | 0.309    | ug/l   | 92       |
| 95) Naphthalene             | 15.433 | 128   | 157441   | 8.192    | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

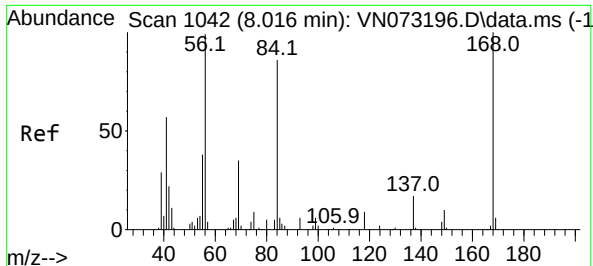
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 29 01:54:03 2022  
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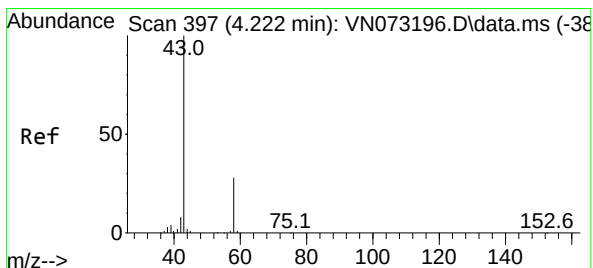
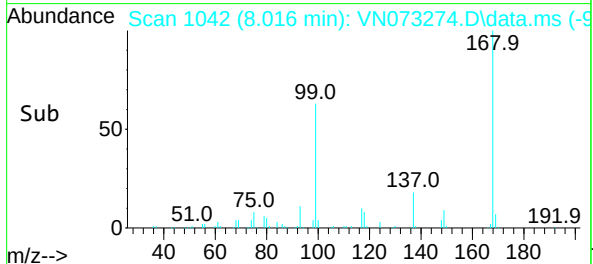
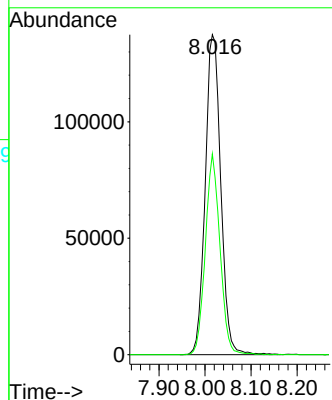
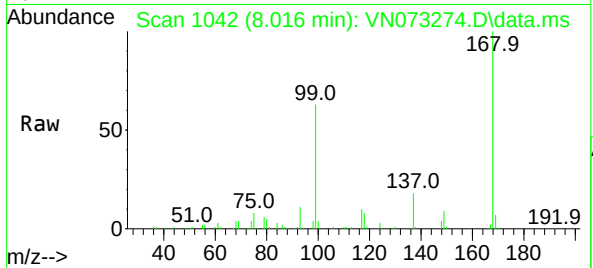




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

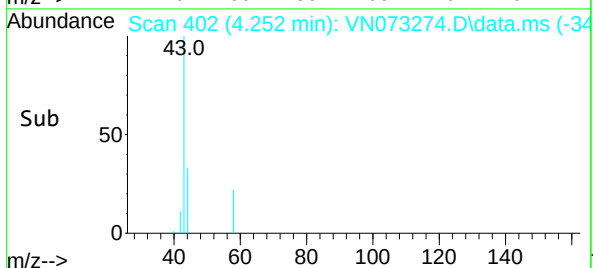
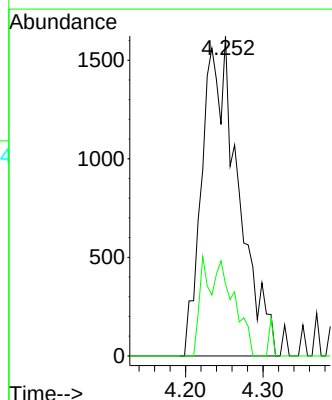
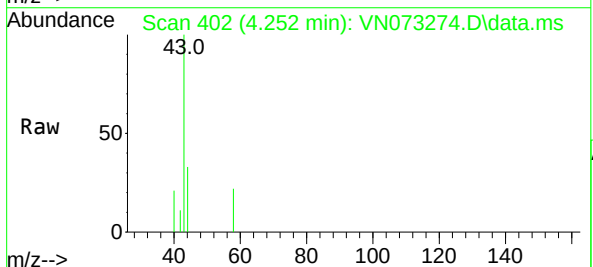
Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-SPC-03-40

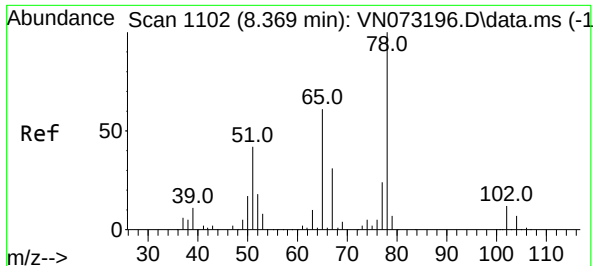
Tgt Ion:168 Resp: 323679  
Ion Ratio Lower Upper  
168 100  
99 62.8 42.3 63.5



#16  
Acetone  
Concen: 1.991 ug/l  
RT: 4.252 min Scan# 402  
Delta R.T. 0.030 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

Tgt Ion: 43 Resp: 5223  
Ion Ratio Lower Upper  
43 100  
58 22.5 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 42.111 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073274.D

Acq: 30 Jun 2022 18:39

Instrument :

MSVOA\_N

ClientSampleId :

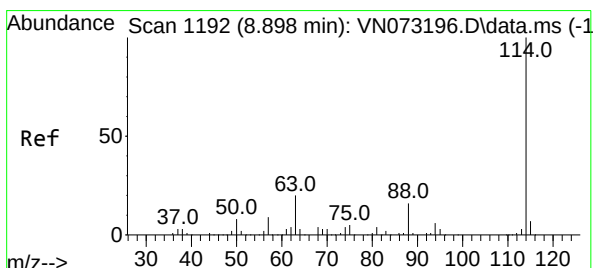
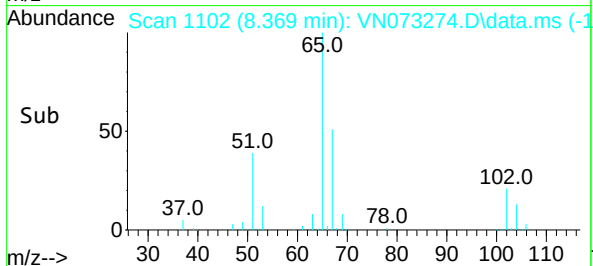
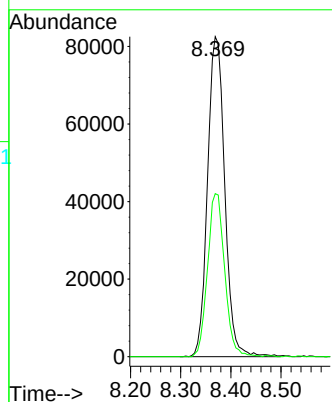
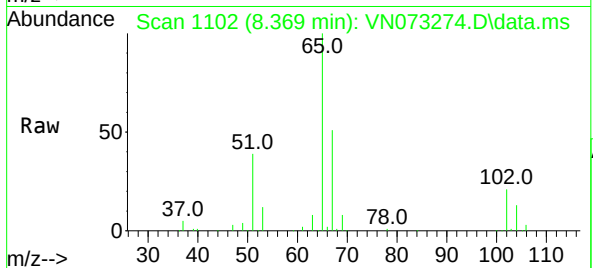
152140-SPC-03-40

Tgt Ion: 65 Resp: 196770

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073274.D

Acq: 30 Jun 2022 18:39

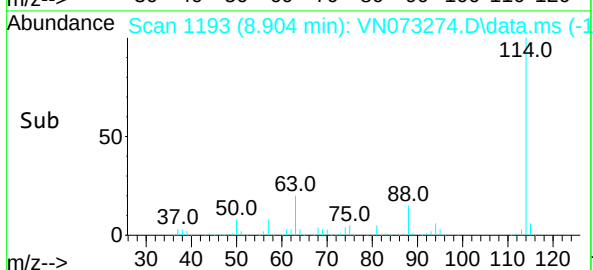
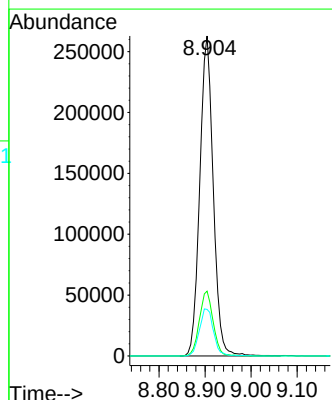
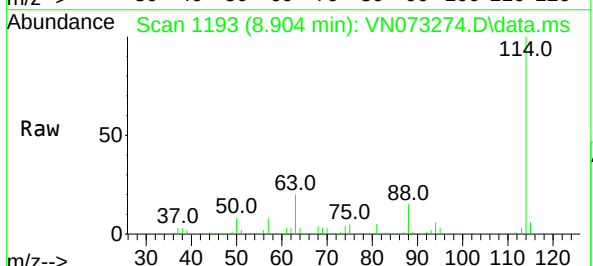
Tgt Ion: 114 Resp: 535495

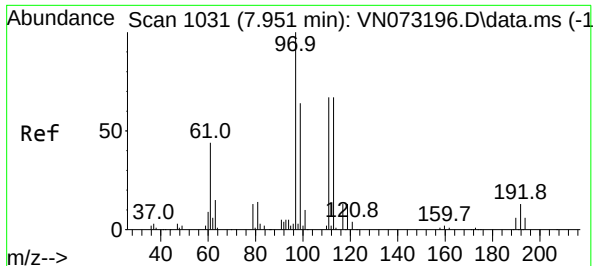
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.6 0.0 32.6

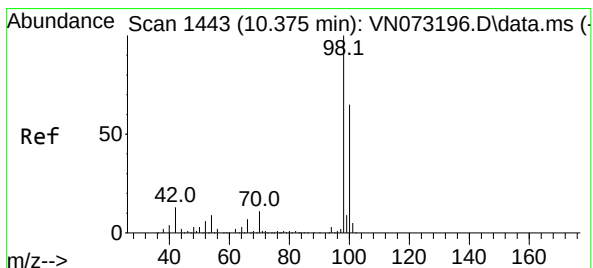
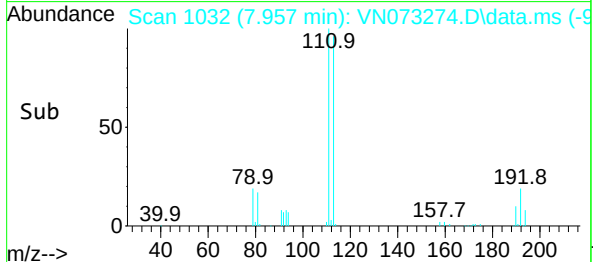
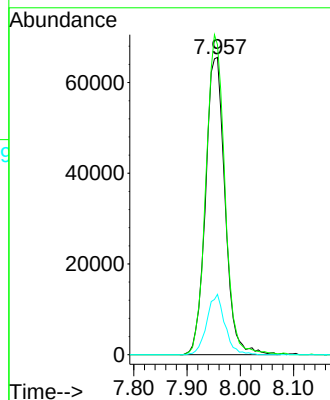
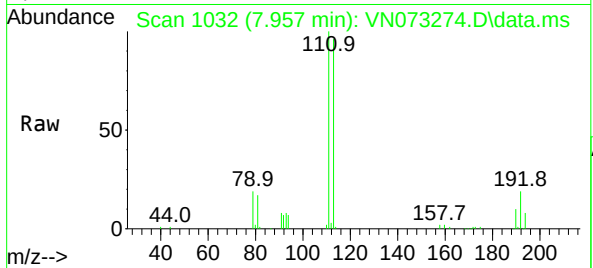




#35  
Dibromofluoromethane  
Concen: 46.806 ug/l  
RT: 7.957 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

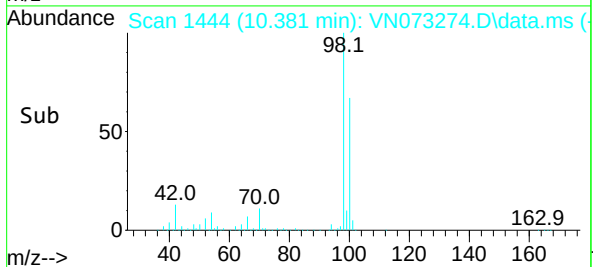
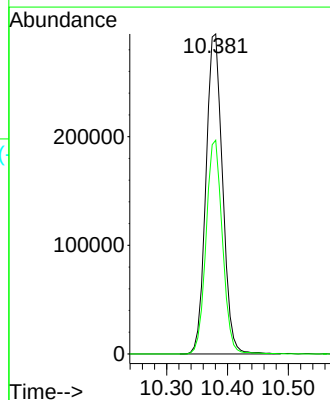
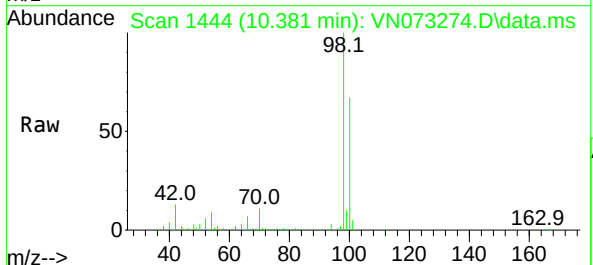
Instrument :  
MSVOA\_N  
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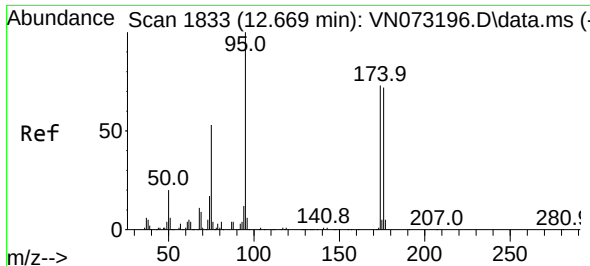
Tgt Ion:113 Resp: 166756  
Ion Ratio Lower Upper  
113 100  
111 104.5 81.4 122.0  
192 18.9 17.0 25.6



#50  
Toluene-d8  
Concen: 44.095 ug/l  
RT: 10.381 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

Tgt Ion: 98 Resp: 557959  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.6 78.8

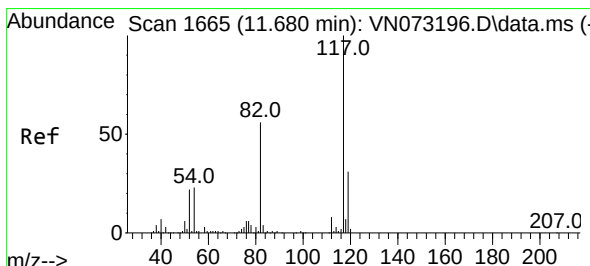
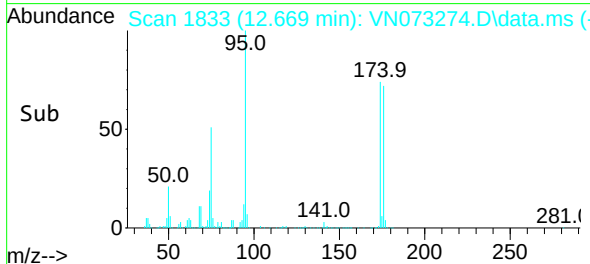
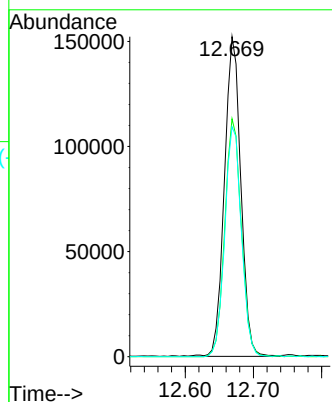
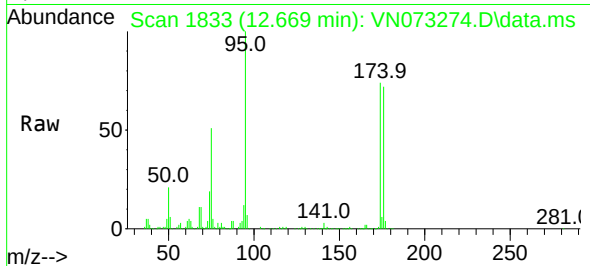




#62  
4-Bromofluorobenzene  
Concen: 52.374 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

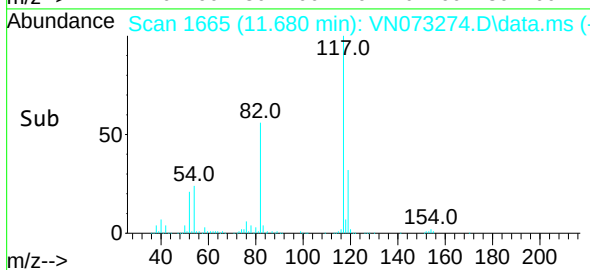
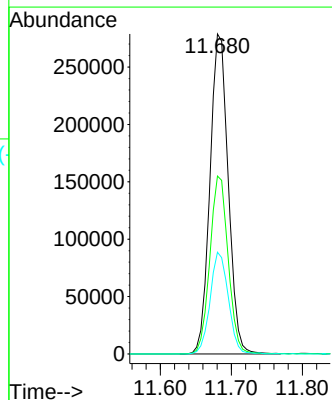
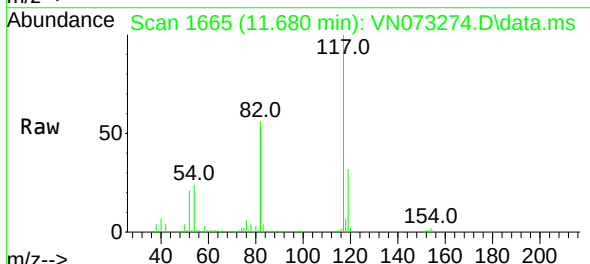
Instrument :  
MSVOA\_N  
ClientSampleId :  
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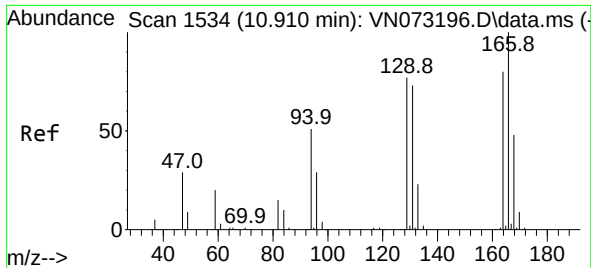
Tgt Ion: 95 Resp: 254678  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 167.6  
176 73.0 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

Tgt Ion: 117 Resp: 497611  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.2 66.2  
119 31.8 25.4 38.0



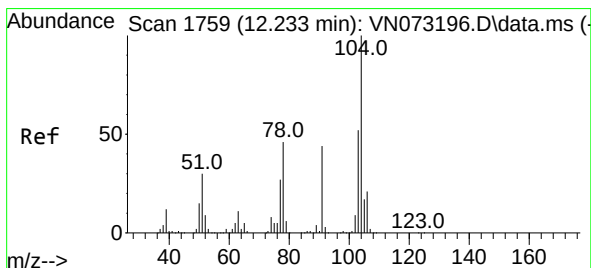
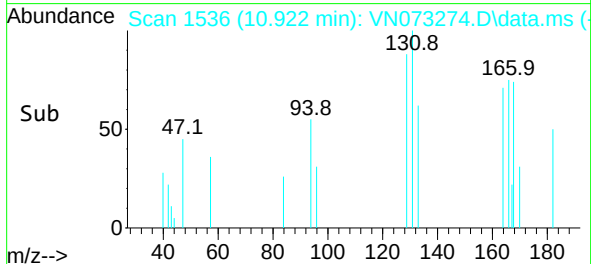
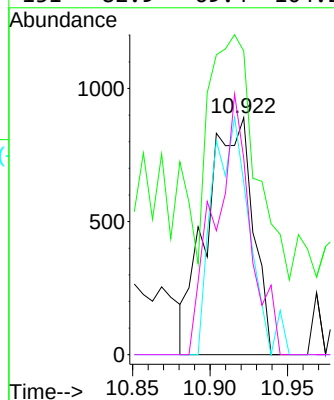
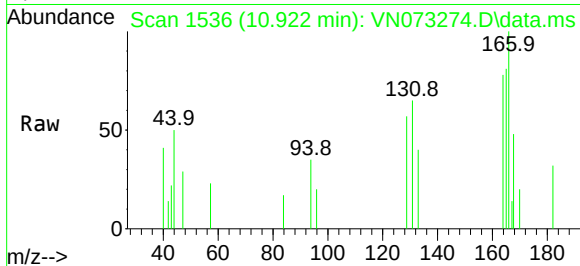


#64  
Tetrachloroethene  
Concen: 0.450 ug/l  
RT: 10.922 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-SPC-03-40

Tgt Ion:164 Resp: 1830

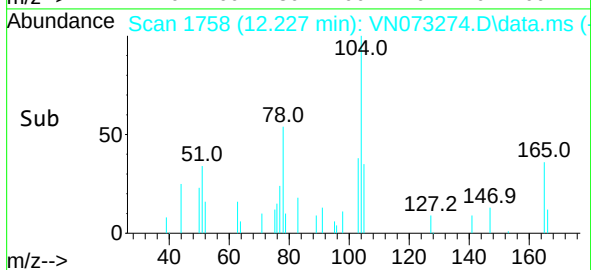
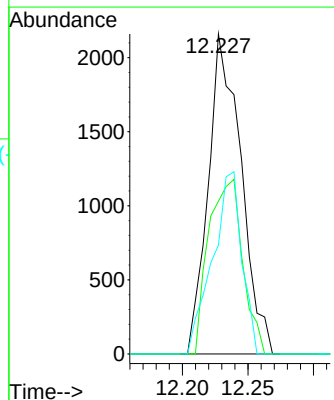
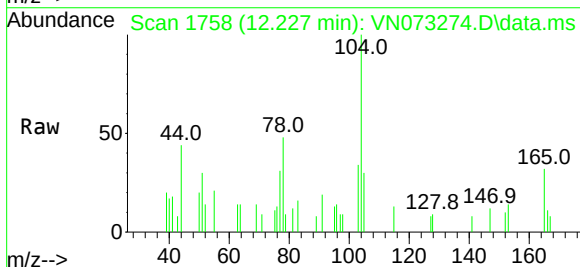
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 164 | 100   |       |        |
| 166 | 77.4  | 104.2 | 156.2# |
| 129 | 72.6  | 73.9  | 110.9# |
| 131 | 82.9  | 69.4  | 104.2  |

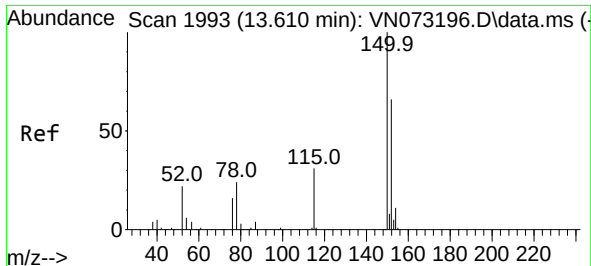


#70  
Styrene  
Concen: 0.309 ug/l  
RT: 12.227 min Scan# 1758  
Delta R.T. -0.006 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

Tgt Ion:104 Resp: 3751

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 104 | 100   |       |       |
| 78  | 56.5  | 39.5  | 59.3  |
| 103 | 50.7  | 44.0  | 66.0  |

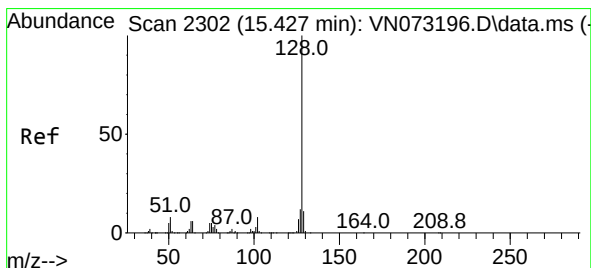
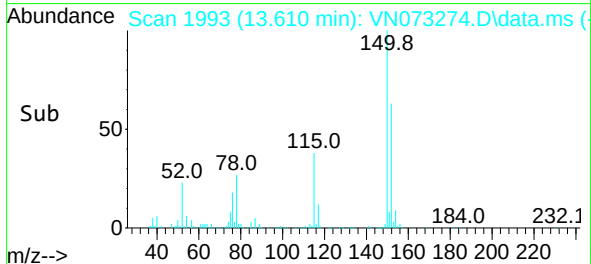
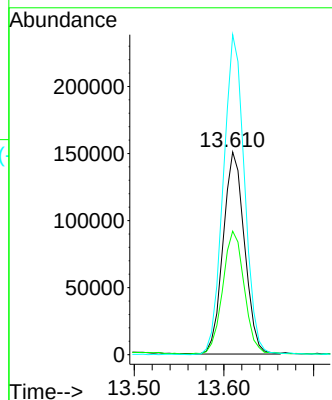
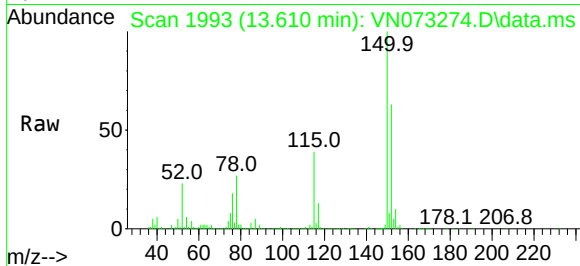




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

Instrument :  
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152140-SPC-03-40

Tgt Ion:152 Resp: 249359  
Ion Ratio Lower Upper  
152 100  
115 61.3 28.9 86.7  
150 157.2 0.0 356.2



#95  
Naphthalene  
Concen: 8.192 ug/l  
RT: 15.433 min Scan# 2303  
Delta R.T. 0.006 min  
Lab File: VN073274.D  
Acq: 30 Jun 2022 18:39

Tgt Ion:128 Resp: 157441  
Ion Ratio Lower Upper  
128 100  
127 14.0 10.3 15.5  
129 11.8 8.6 13.0

