

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063022\  
 Data File : VN073265.D  
 Acq On : 30 Jun 2022 14:59  
 Operator : JC\MD  
 Sample : N3554-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 01 08:07:40 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

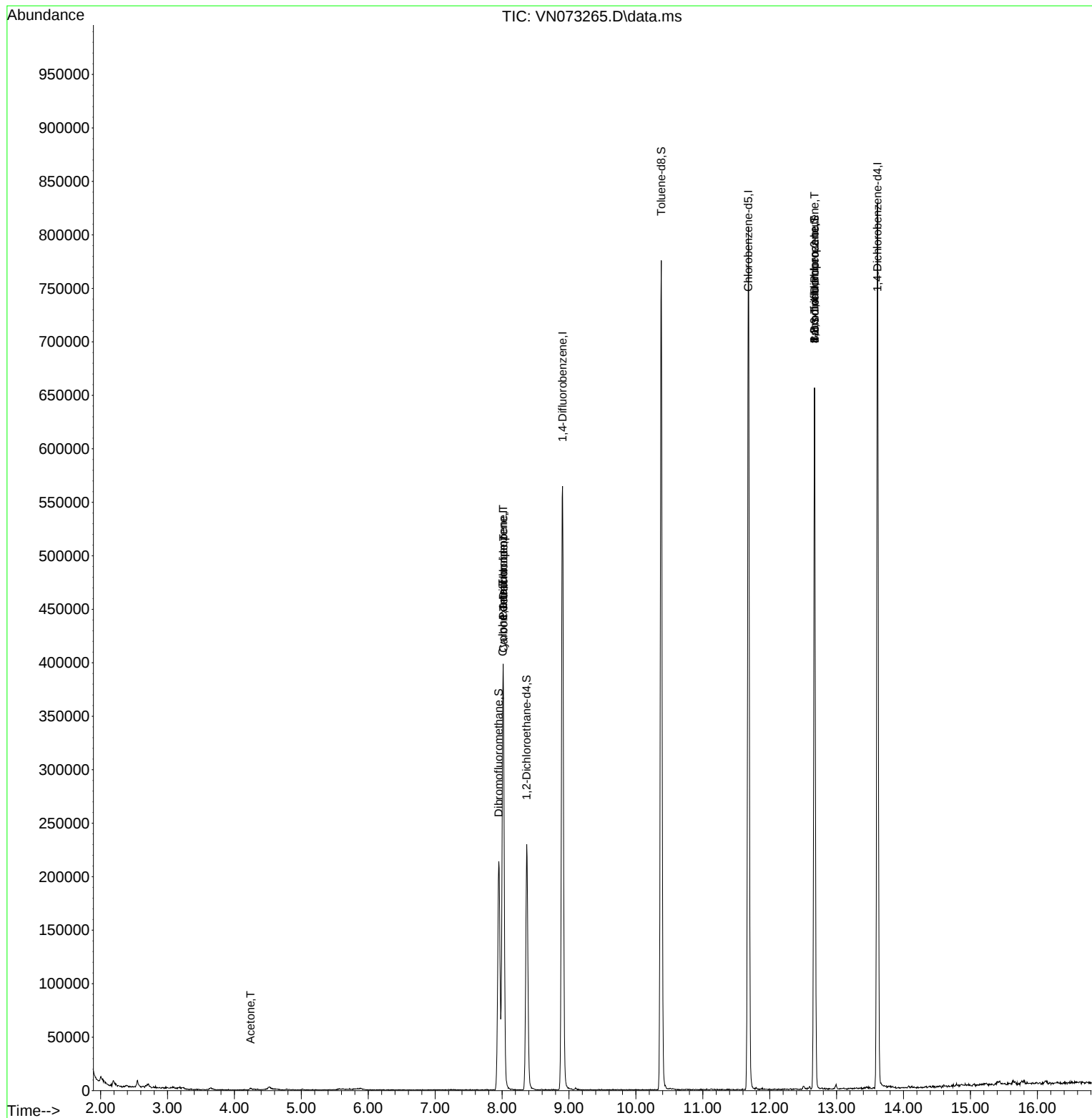
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 8.016  | 168   | 298759   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.904  | 114   | 503252   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.680 | 117   | 458486   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.610 | 152   | 216635   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.369  | 65    | 189916   | 44.034   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | =      | 88.060%  |
| 35) Dibromofluoromethane      | 7.951  | 113   | 159732   | 47.707   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 95.420%  |
| 50) Toluene-d8                | 10.380 | 98    | 530777   | 44.634   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | =      | 89.260%  |
| 62) 4-Bromofluorobenzene      | 12.669 | 95    | 227871   | 49.863   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 99.720%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 4.240  | 43    | 1810     | 0.748    | ug/l   | 91       |
| 31) Cyclohexane               | 8.010  | 56    | 6890     | 0.975    | ug/l # | 13       |
| 36) 1,1-Dichloropropene       | 8.016  | 75    | 23881    | 4.635    | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.022  | 117   | 31346    | 5.884    | ug/l # | 16       |
| 71) Bromoform                 | 12.669 | 173   | 1715     | 0.615    | ug/l # | 28       |
| 76) 1,2,3-Trichloropropane    | 12.669 | 75    | 116906   | 20.638   | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.669 | 75    | 116906   | 56.599   | ug/l # | 10       |
| -----                         |        |       |          |          |        |          |

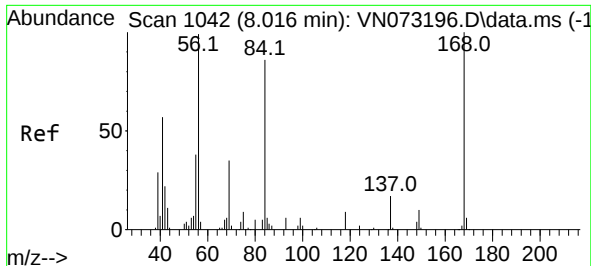
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN063022\  
Data File : VN073265.D  
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Sample : N3554-04  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

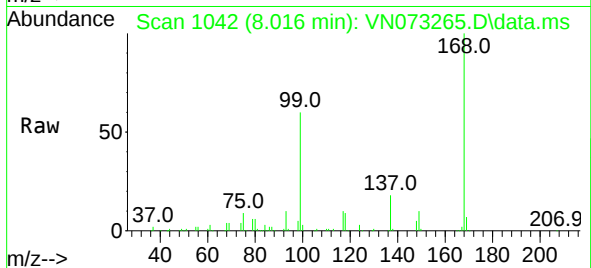
Quant Time: Jul 01 08:07:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 01:54:03 2022  
Response via : Initial Calibration



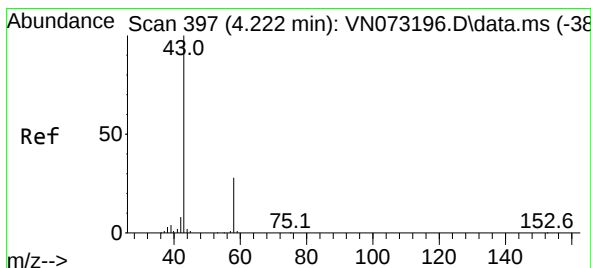
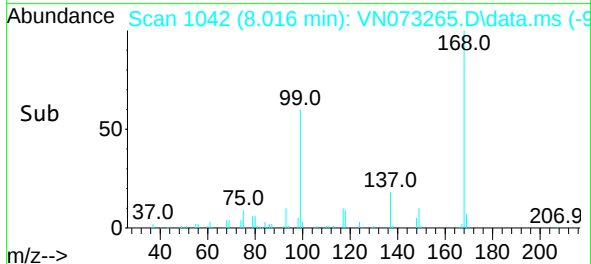
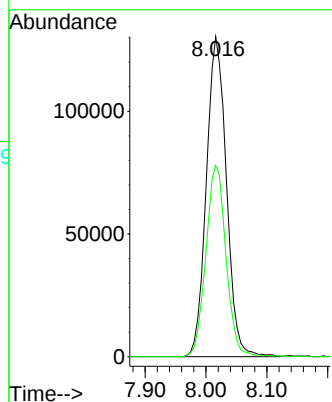


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN073265.D  
Acq: 30 Jun 2022 14:59

Instrument :  
MSVOA\_N  
ClientSampleId :

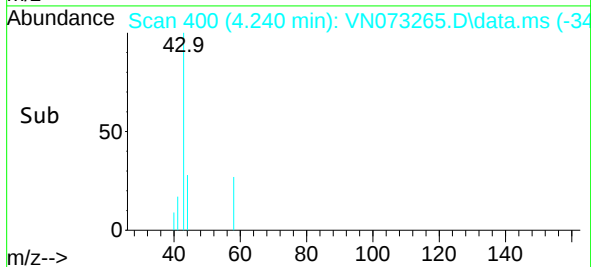
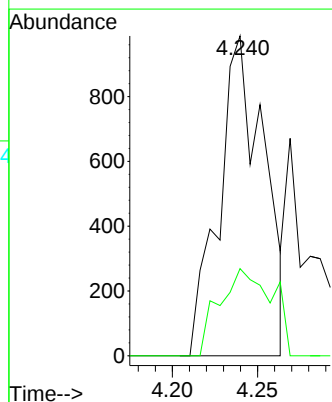
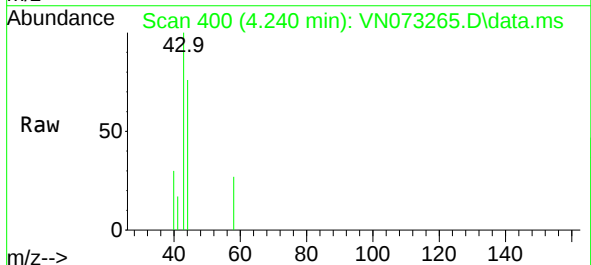


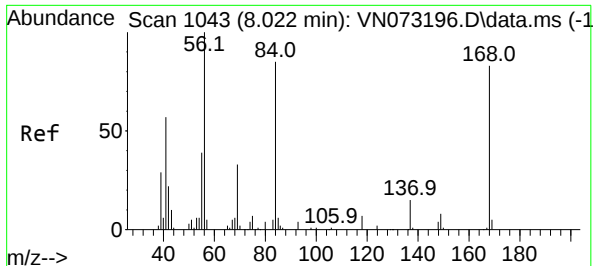
Tgt Ion:168 Resp: 298759  
Ion Ratio Lower Upper  
168 100  
99 59.8 42.3 63.5



#16  
Acetone  
Concen: 0.748 ug/l  
RT: 4.240 min Scan# 400  
Delta R.T. 0.018 min  
Lab File: VN073265.D  
Acq: 30 Jun 2022 14:59

Tgt Ion: 43 Resp: 1810  
Ion Ratio Lower Upper  
43 100  
58 27.3 26.0 39.0





#31

Cyclohexane

Concen: 0.975 ug/l

RT: 8.010 min Scan# 1

Delta R.T. -0.012 min

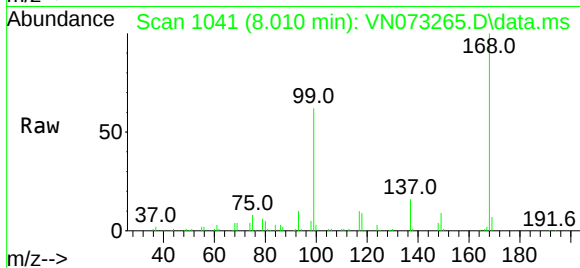
Lab File: VN073265.D

Acq: 30 Jun 2022 14:59

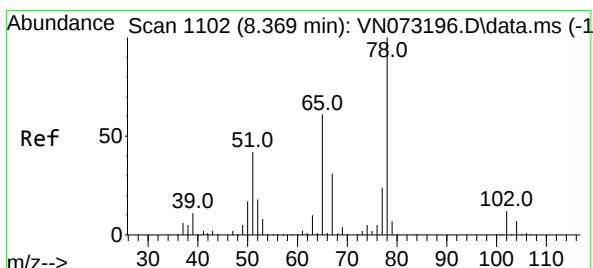
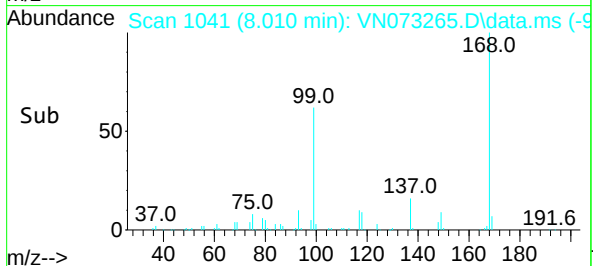
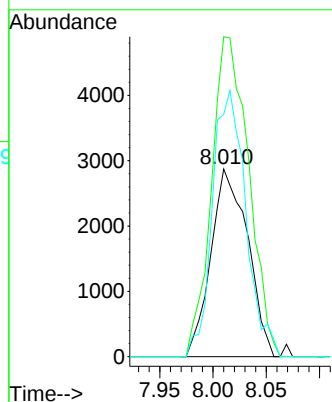
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 6890   |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 170.5 | 27.8  | 41.8#  |
| 84        | 129.2 | 76.9  | 115.3# |



#33

1,2-Dichloroethane-d4

Concen: 44.034 ug/l

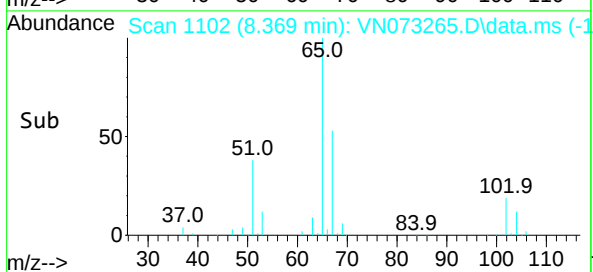
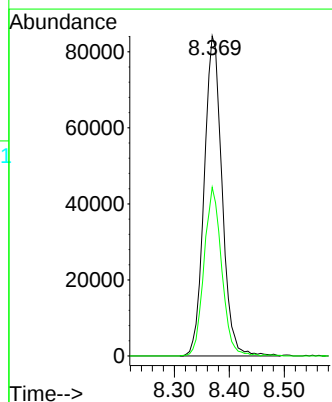
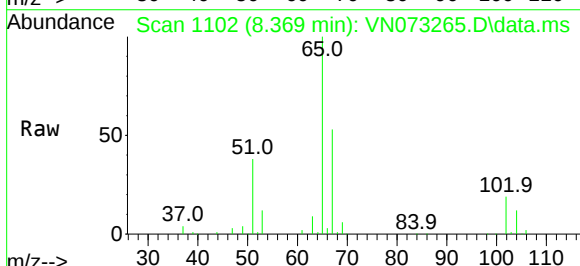
RT: 8.369 min Scan# 1102

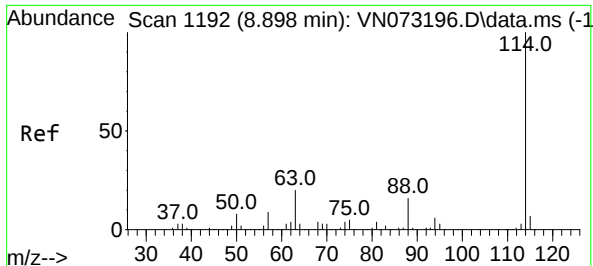
Delta R.T. -0.000 min

Lab File: VN073265.D

Acq: 30 Jun 2022 14:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 189916 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 67        | 52.0  | 0.0   | 104.8  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073265.D

Acq: 30 Jun 2022 14:59

Instrument :

MSVOA\_N

ClientSampleId :

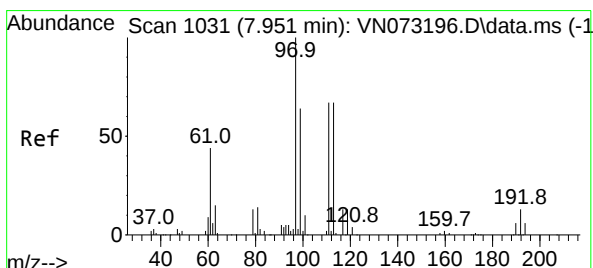
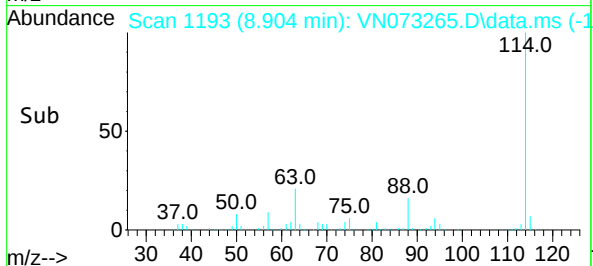
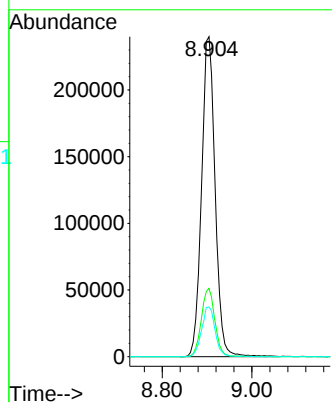
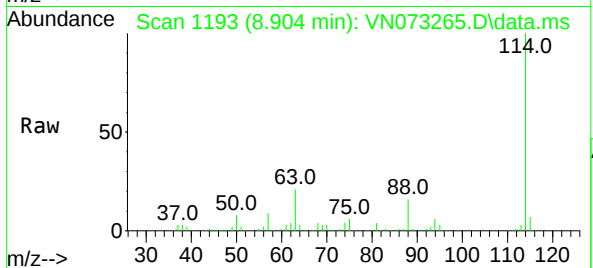
Tgt Ion:114 Resp: 503252

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.707 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073265.D

Acq: 30 Jun 2022 14:59

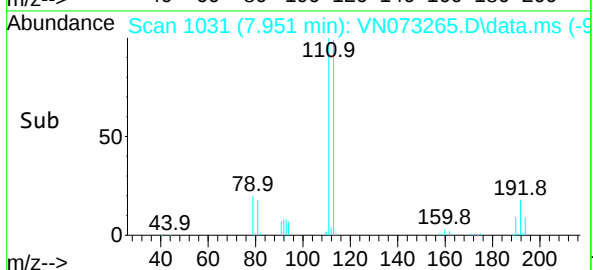
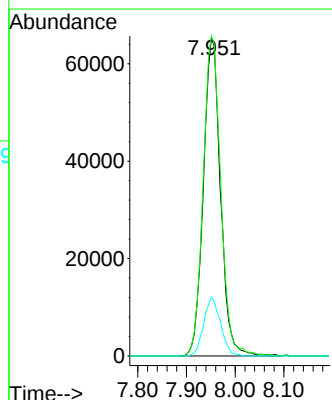
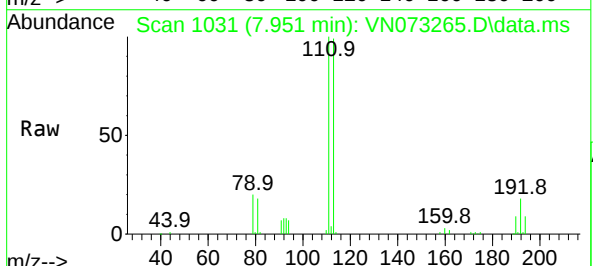
Tgt Ion:113 Resp: 159732

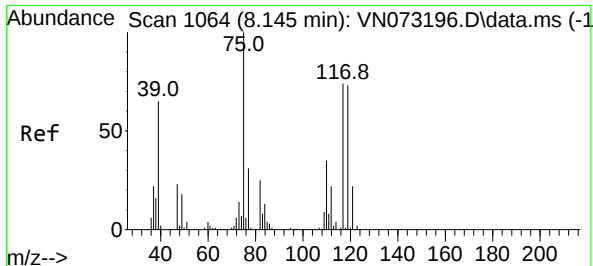
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

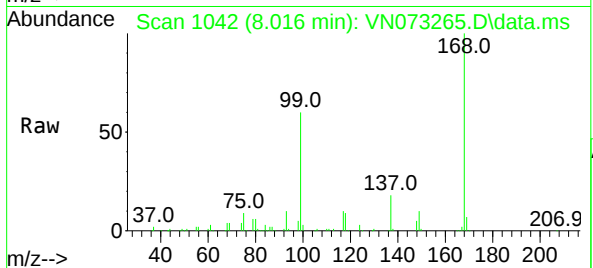
Lab File: VN073265.D

Acq: 30 Jun 2022 14:59

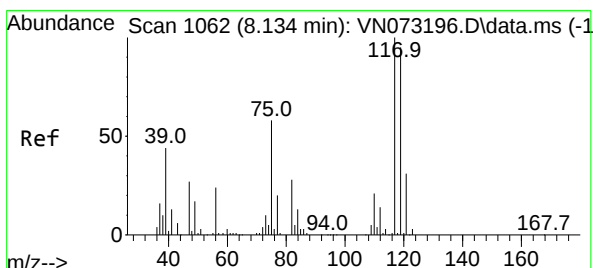
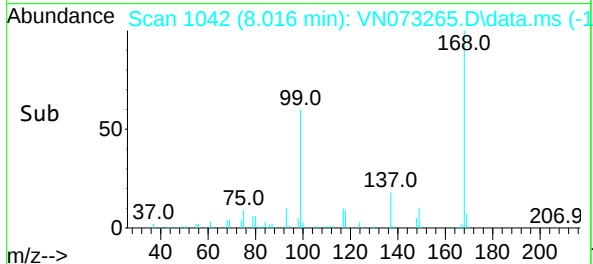
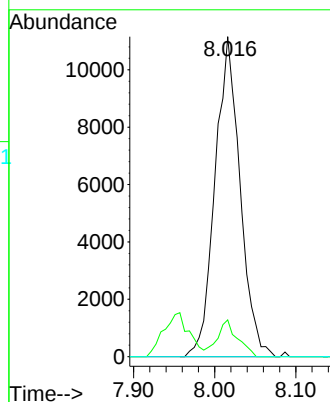
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 23881 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.3   | 18.3  | 54.8# |
| 77       | 0.0   | 25.1  | 37.7# |



#38

Carbon Tetrachloride

Concen: 5.884 ug/l

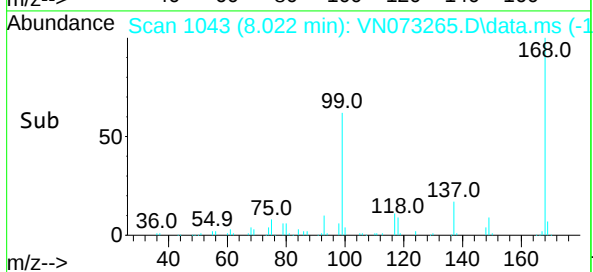
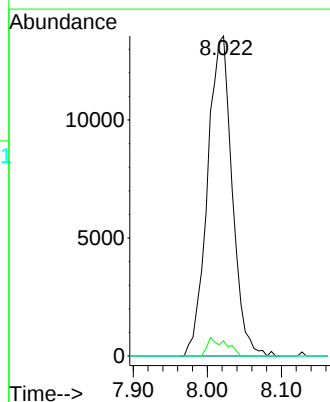
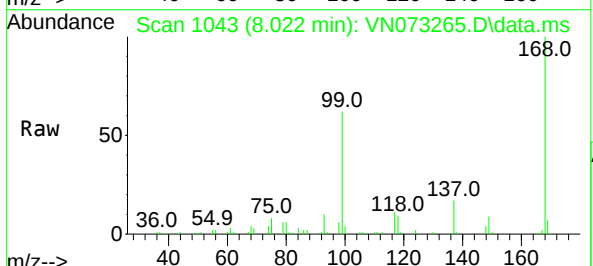
RT: 8.022 min Scan# 1043

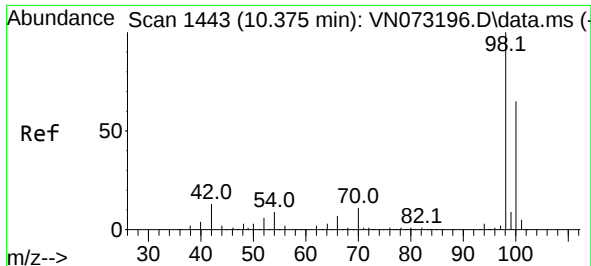
Delta R.T. -0.112 min

Lab File: VN073265.D

Acq: 30 Jun 2022 14:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 31346  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.8   | 75.8  | 113.8# |
| 121      | 0.0   | 24.6  | 37.0#  |

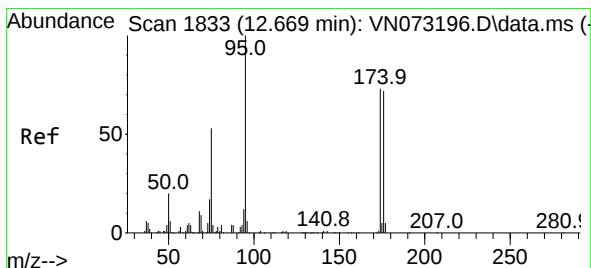
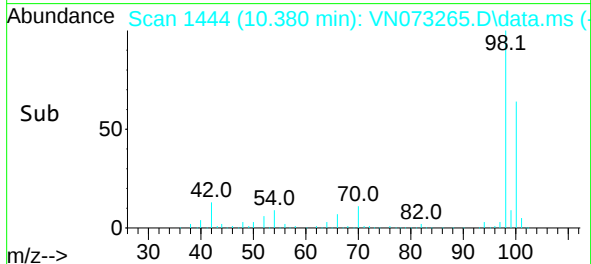
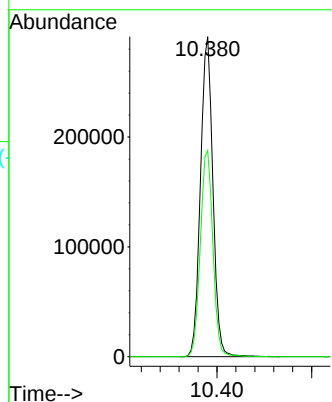
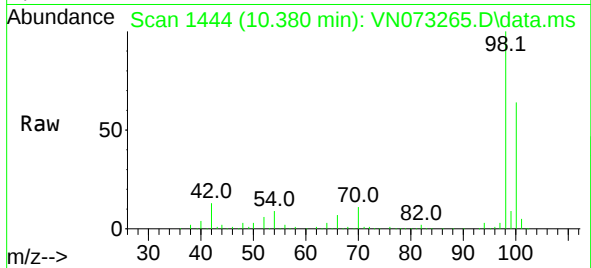




#50  
Toluene-d8  
Concen: 44.634 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.005 min  
Lab File: VN073265.D  
Acq: 30 Jun 2022 14:59

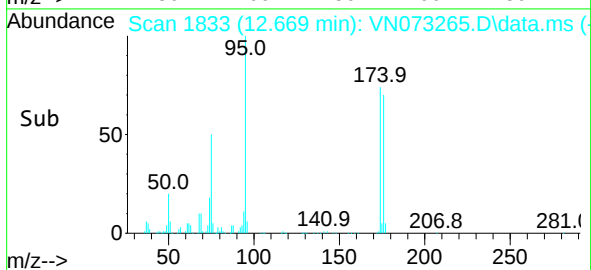
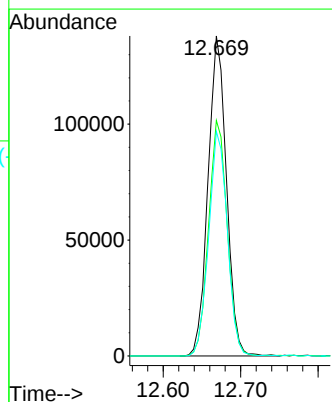
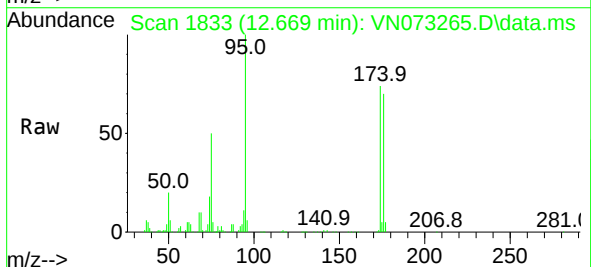
Instrument :  
MSVOA\_N  
ClientSampleId :

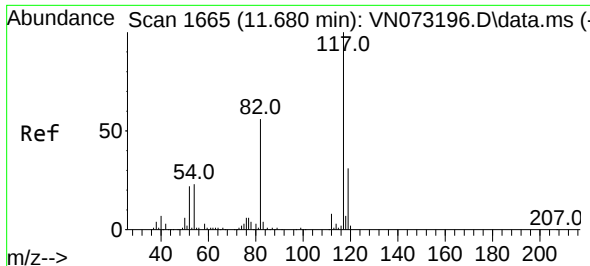
Tgt Ion: 98 Resp: 530777  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 49.863 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN073265.D  
Acq: 30 Jun 2022 14:59

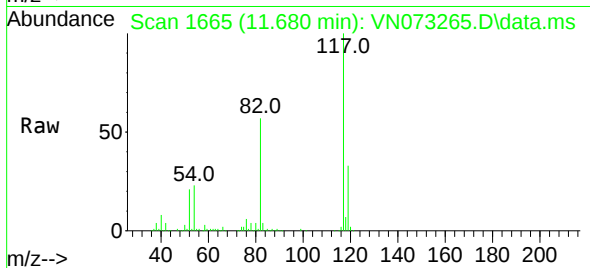
Tgt Ion: 95 Resp: 227871  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 167.6  
176 70.8 0.0 163.4



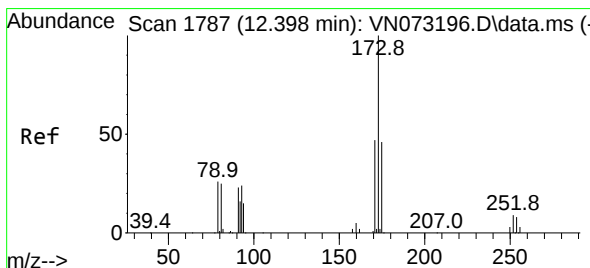
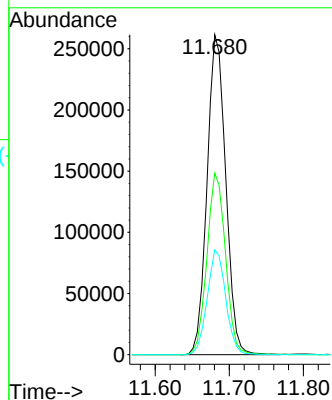
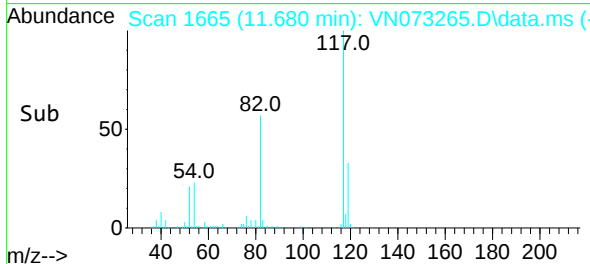


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN073265.D  
Acq: 30 Jun 2022 14:59

Instrument :  
MSVOA\_N  
ClientSampleId :

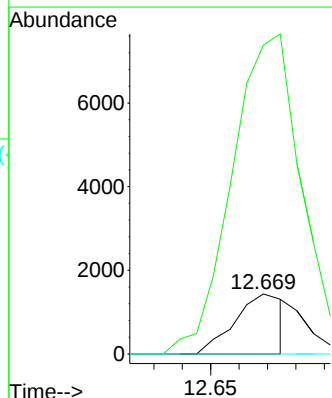
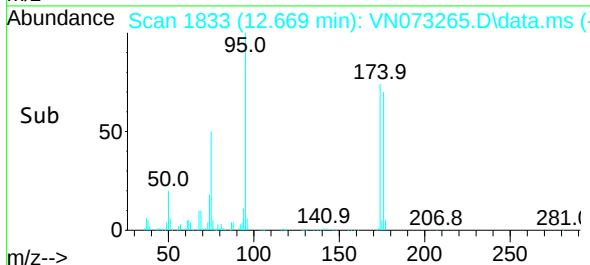
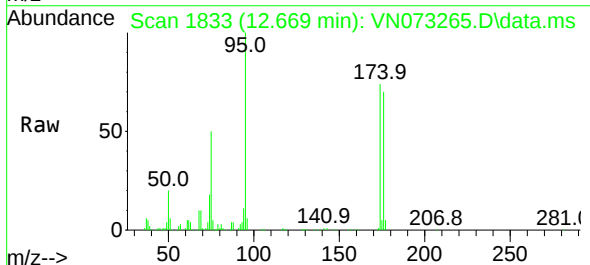


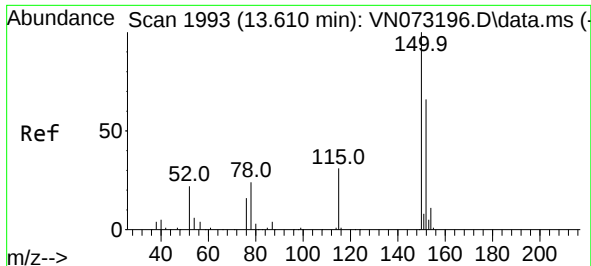
Tgt Ion:117 Resp: 458486  
Ion Ratio Lower Upper  
117 100  
82 56.7 44.2 66.2  
119 32.8 25.4 38.0



#71  
Bromoform  
Concen: 0.615 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.271 min  
Lab File: VN073265.D  
Acq: 30 Jun 2022 14:59

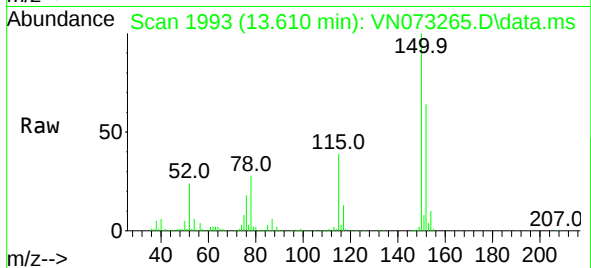
Tgt Ion:173 Resp: 1715  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.6 73.6#  
254 0.0 0.1 0.1#



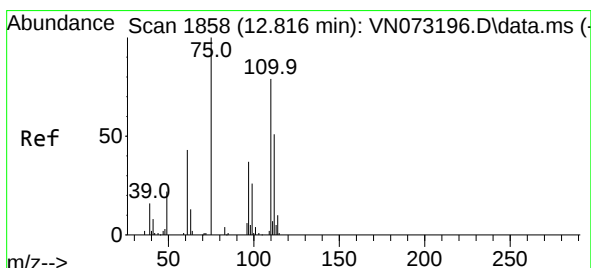
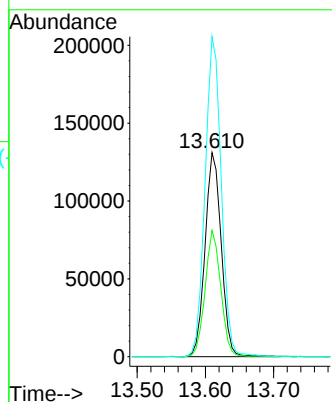
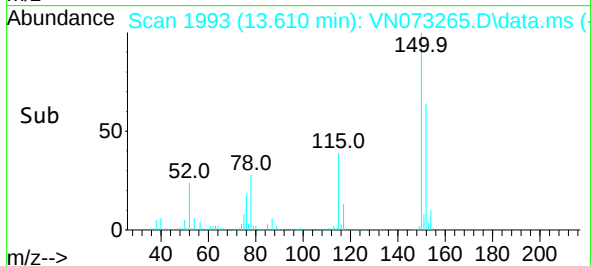


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.610 min Scan# 1993  
 Delta R.T. -0.000 min  
 Lab File: VN073265.D  
 Acq: 30 Jun 2022 14:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :

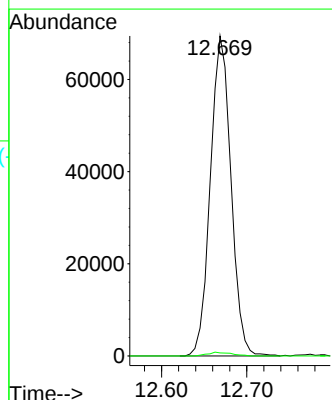
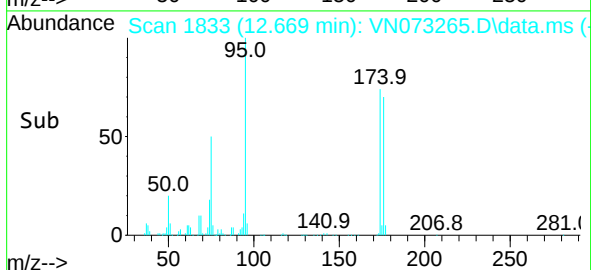
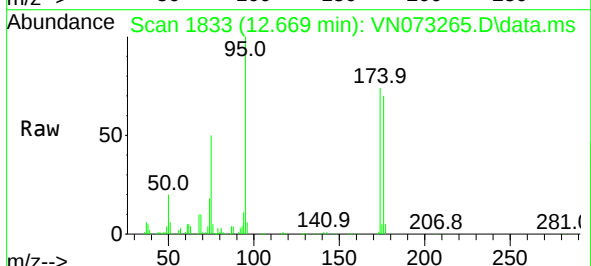


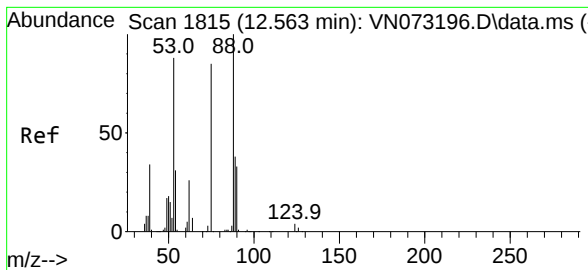
Tgt Ion:152 Resp: 216635  
 Ion Ratio Lower Upper  
 152 100  
 115 59.9 28.9 86.7  
 150 156.7 0.0 356.2



#76  
 1,2,3-Trichloropropane  
 Concen: 20.638 ug/l  
 RT: 12.669 min Scan# 1833  
 Delta R.T. -0.147 min  
 Lab File: VN073265.D  
 Acq: 30 Jun 2022 14:59

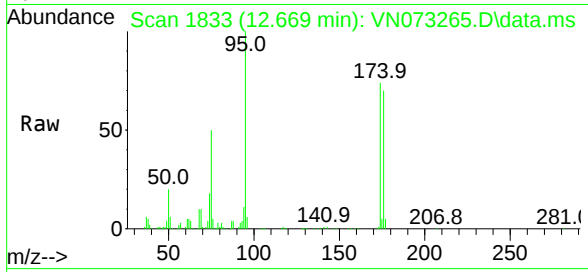
Tgt Ion: 75 Resp: 116906  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 98.5 295.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 56.599 ug/l  
 RT: 12.669 min Scan# 11  
 Delta R.T. 0.106 min  
 Lab File: VN073265.D  
 Acq: 30 Jun 2022 14:59

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 75 Resp: 116906  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 78.0 117.0#  
 89 0.0 37.2 55.8#

