

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062922\  
 Data File : VN073253.D  
 Acq On : 29 Jun 2022 19:20  
 Operator : JC\MD  
 Sample : N3496-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 30 07:01:53 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

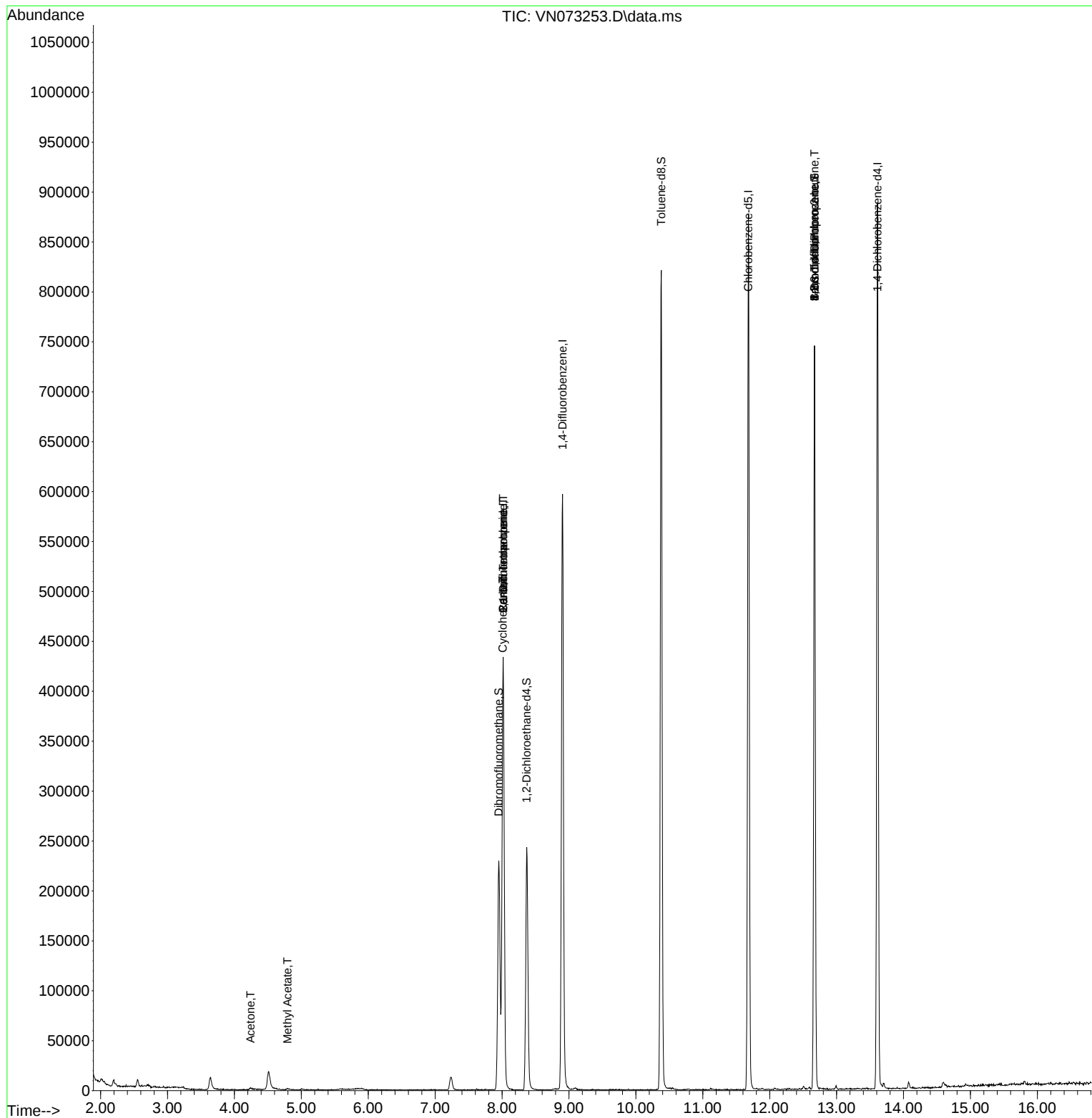
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 8.016  | 168   | 327388   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.904  | 114   | 531886   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.680 | 117   | 500066   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.610 | 152   | 244268   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.369  | 65    | 203405   | 43.038   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | =      | 86.080%  |
| 35) Dibromofluoromethane      | 7.951  | 113   | 172193   | 48.660   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 97.320%  |
| 50) Toluene-d8                | 10.380 | 98    | 570727   | 45.410   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | =      | 90.820%  |
| 62) 4-Bromofluorobenzene      | 12.668 | 95    | 250827   | 51.932   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 103.860% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 4.240  | 43    | 3056     | 1.152    | ug/l # | 66       |
| 18) Methyl Acetate            | 4.792  | 43    | 2802     | 0.377    | ug/l # | 56       |
| 31) Cyclohexane               | 8.010  | 56    | 6842     | 0.884    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.016  | 75    | 27207    | 4.997    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 8.016  | 117   | 33672    | 5.980    | ug/l # | 17       |
| 71) Bromoform                 | 12.668 | 173   | 1760     | 0.578    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 12.668 | 75    | 131798   | 20.635   | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.668 | 75    | 131798   | 56.591   | ug/l # | 10       |
| -----                         |        |       |          |          |        |          |

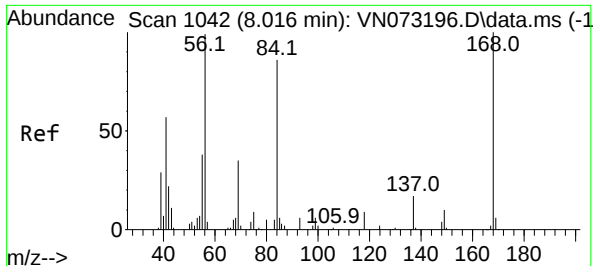
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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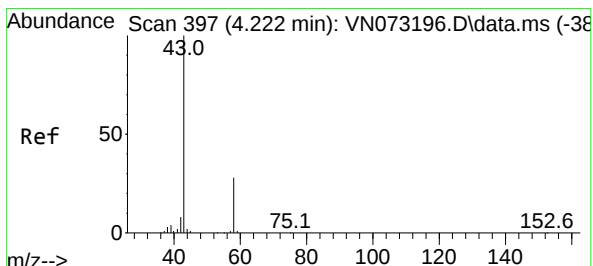
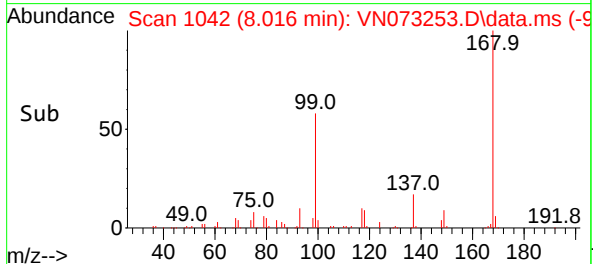
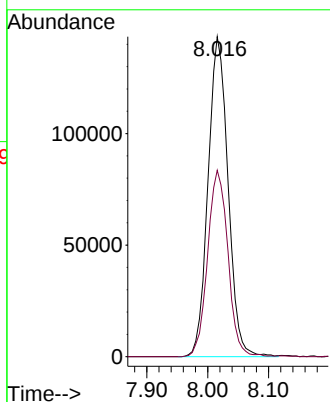
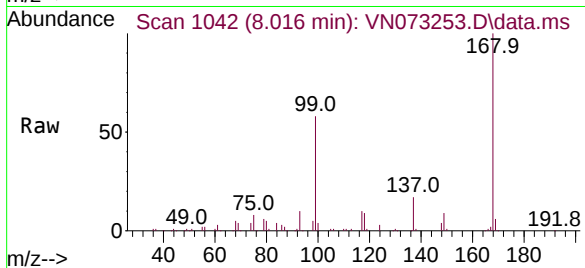




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

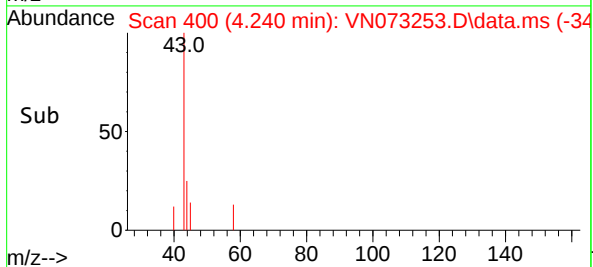
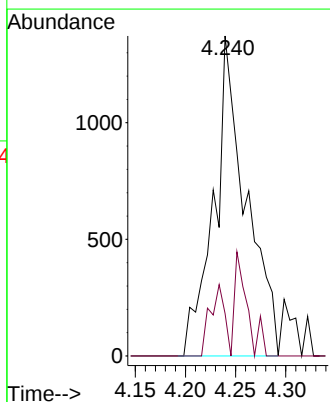
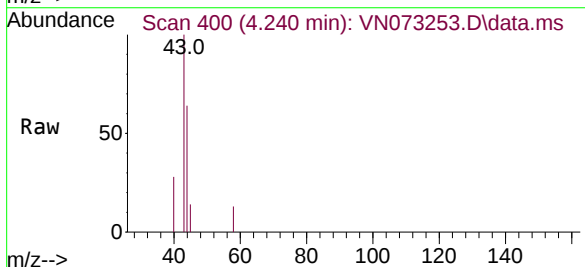
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

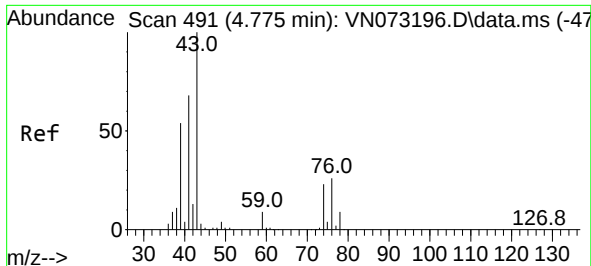
Tgt Ion:168 Resp: 327388  
Ion Ratio Lower Upper  
168 100  
99 58.3 42.3 63.5



#16  
Acetone  
Concen: 1.152 ug/l  
RT: 4.240 min Scan# 400  
Delta R.T. 0.018 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

Tgt Ion: 43 Resp: 3056  
Ion Ratio Lower Upper  
43 100  
58 13.3 26.0 39.0#

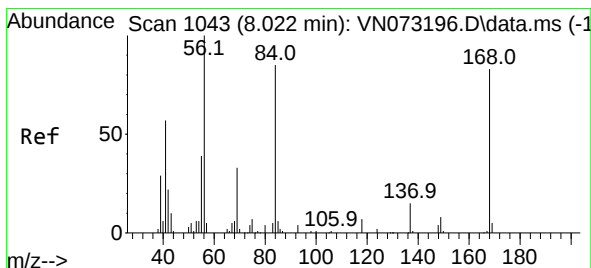
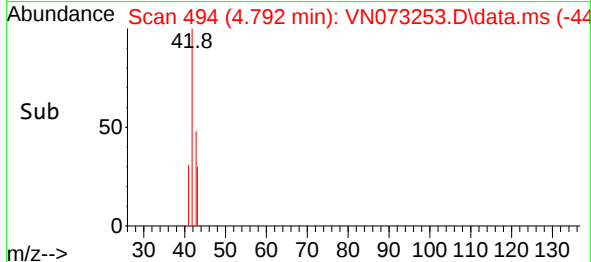
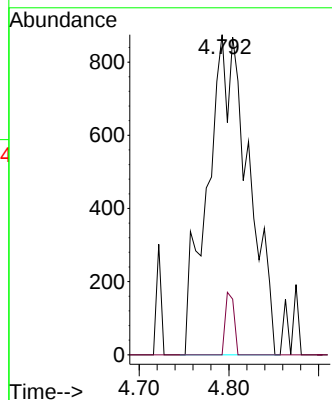
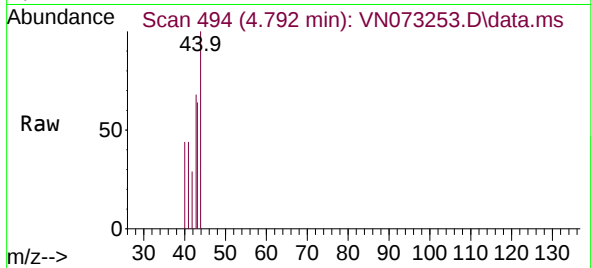




#18  
Methyl Acetate  
Concen: 0.377 ug/l  
RT: 4.792 min Scan# 491  
Delta R.T. 0.017 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

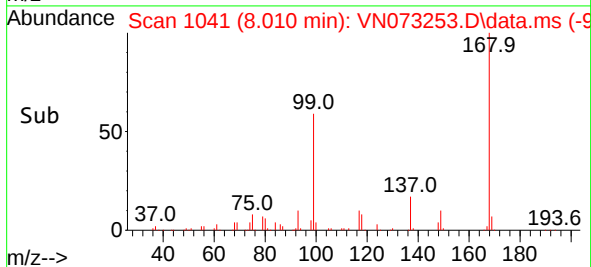
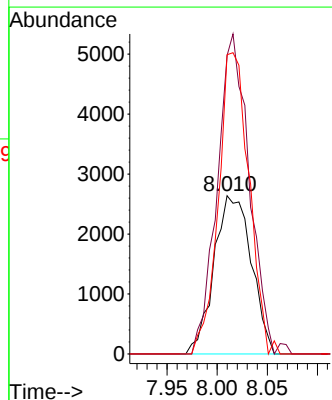
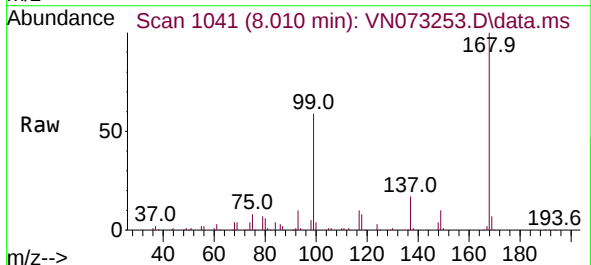
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 43 Resp: 2802  
Ion Ratio Lower Upper  
43 100  
74 4.1 21.6 32.4#



#31  
Cyclohexane  
Concen: 0.884 ug/l  
RT: 8.010 min Scan# 1041  
Delta R.T. -0.012 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

Tgt Ion: 56 Resp: 6842  
Ion Ratio Lower Upper  
56 100  
69 188.5 27.8 41.8#  
84 189.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.038 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073253.D

Acq: 29 Jun 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

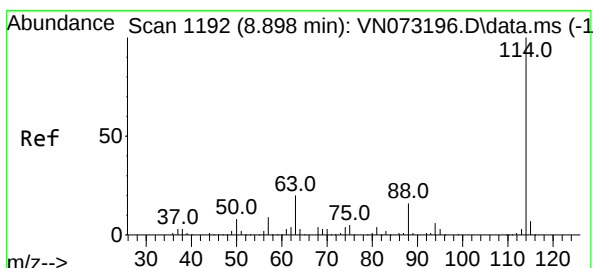
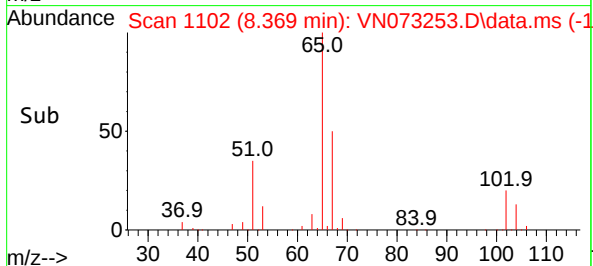
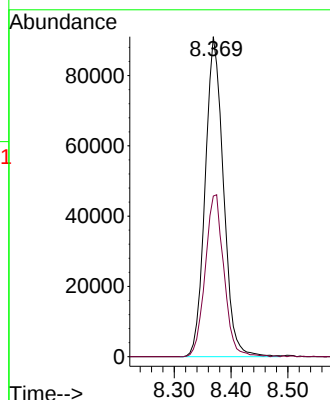
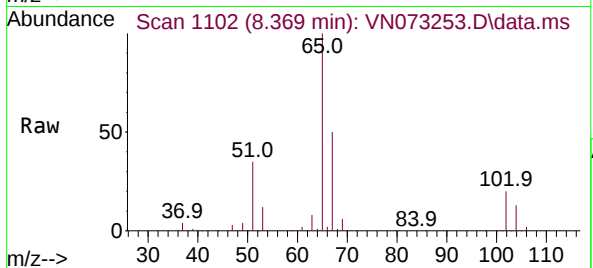
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 203405

Ion Ratio Lower Upper

65 100

67 51.8 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: VN073253.D

Acq: 29 Jun 2022 19:20

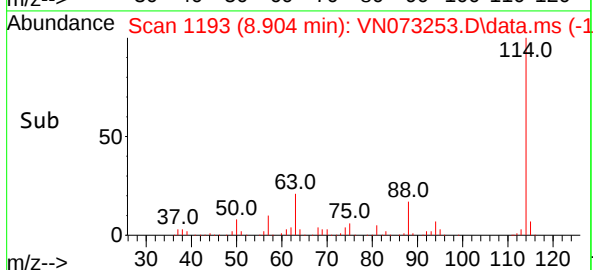
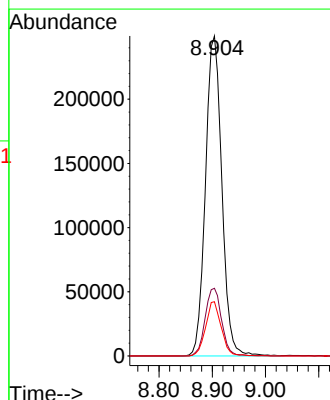
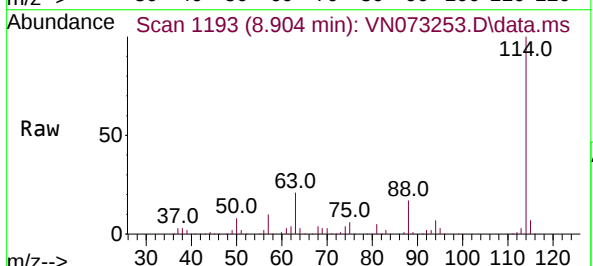
Tgt Ion: 114 Resp: 531886

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.660 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073253.D

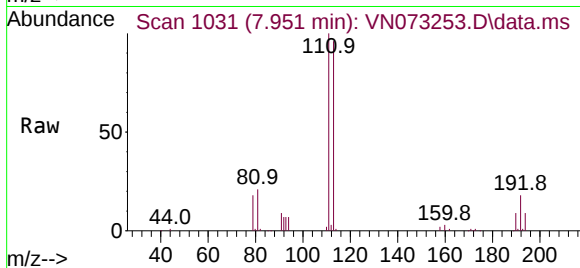
Acq: 29 Jun 2022 19:20

Instrument :

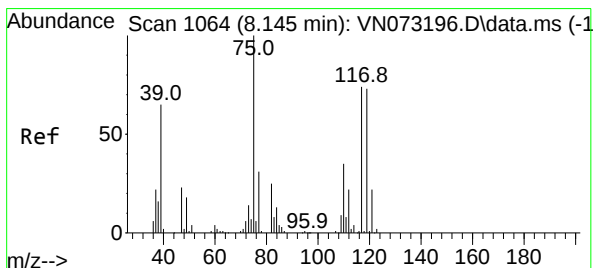
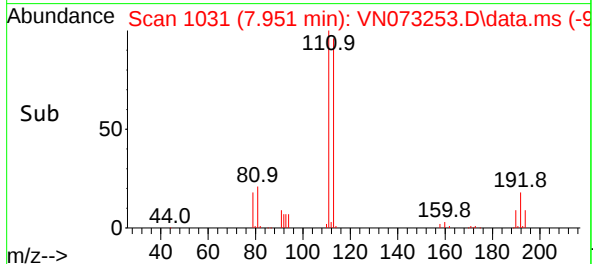
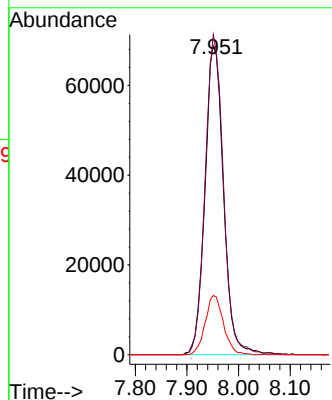
MSVOA\_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 172193 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 101.5 | 81.4  | 122.0  |
| 192      | 18.8  | 17.0  | 25.6   |



#36

1,1-Dichloropropene

Concen: 4.997 ug/l

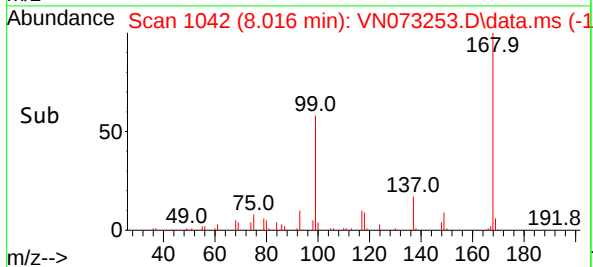
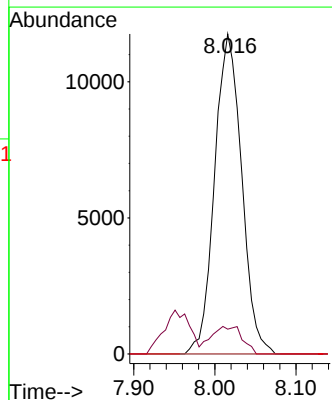
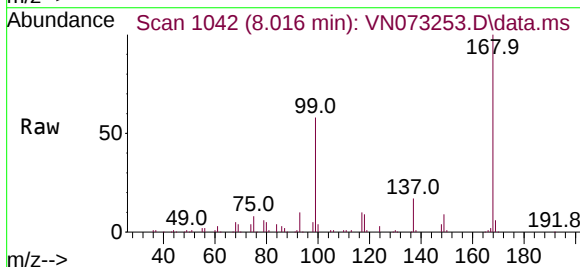
RT: 8.016 min Scan# 1042

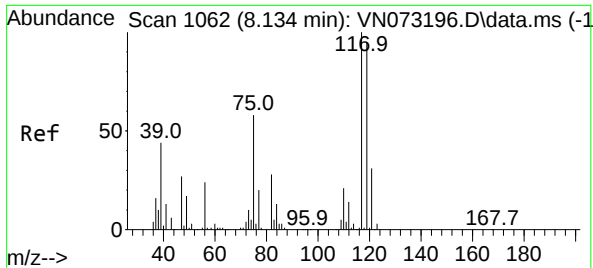
Delta R.T. -0.129 min

Lab File: VN073253.D

Acq: 29 Jun 2022 19:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 27207 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.9   | 18.3  | 54.8# |
| 77       | 0.0   | 25.1  | 37.7# |

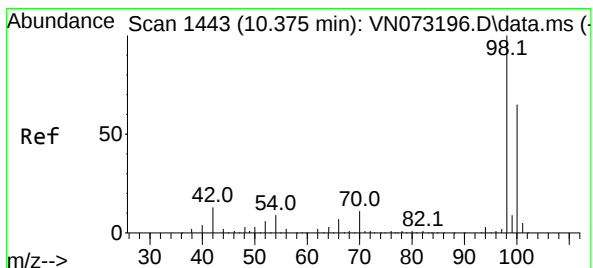
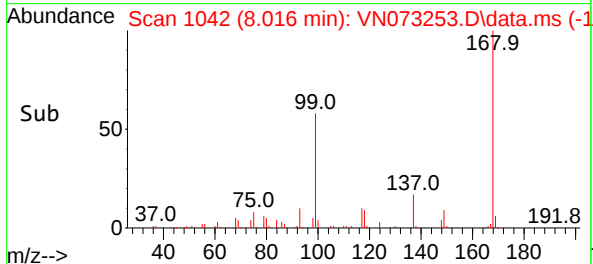
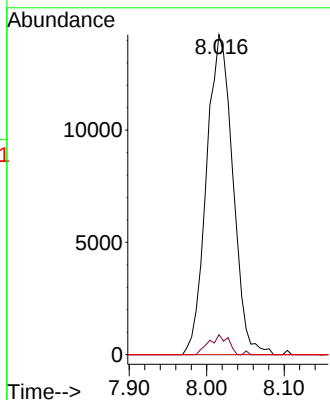
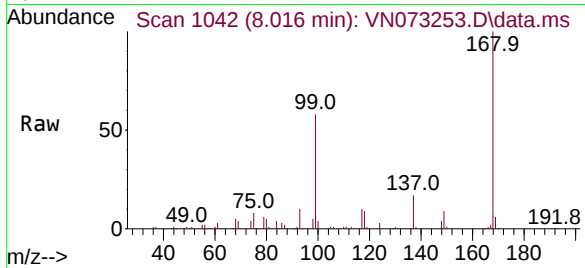




#38  
Carbon Tetrachloride  
Concen: 5.980 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.118 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

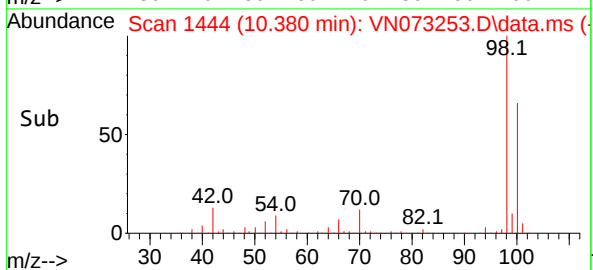
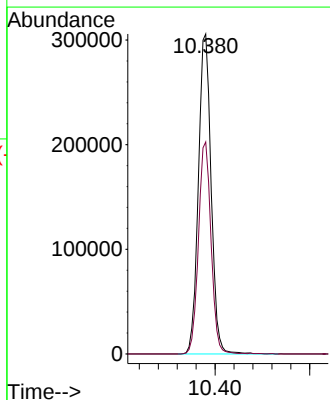
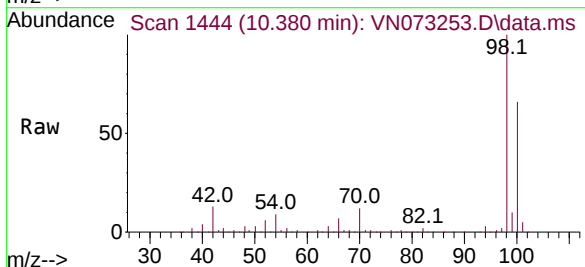
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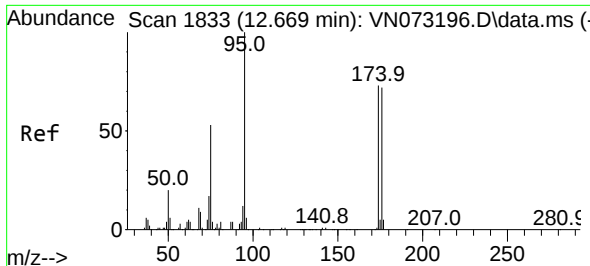
Tgt Ion:117 Resp: 33672  
Ion Ratio Lower Upper  
117 100  
119 6.2 75.8 113.8#  
121 0.0 24.6 37.0#



#50  
Toluene-d8  
Concen: 45.410 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.005 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

Tgt Ion: 98 Resp: 570727  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.6 78.8

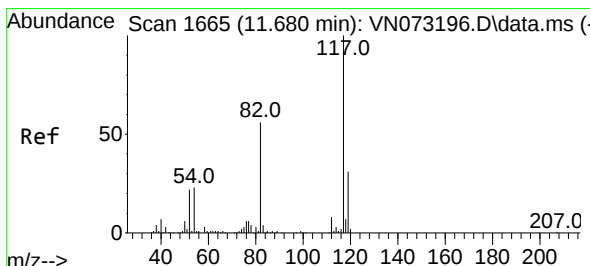
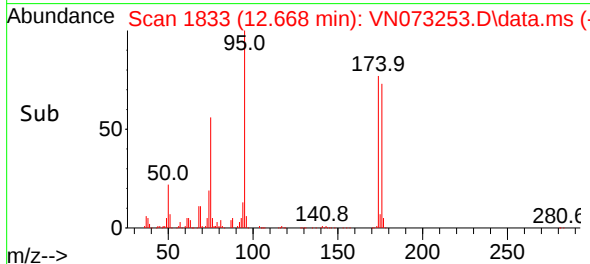
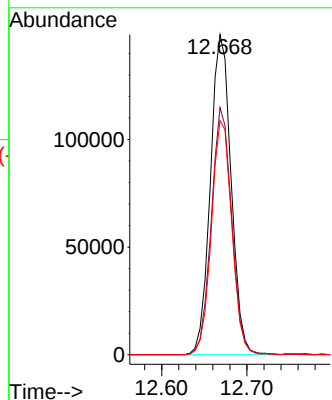
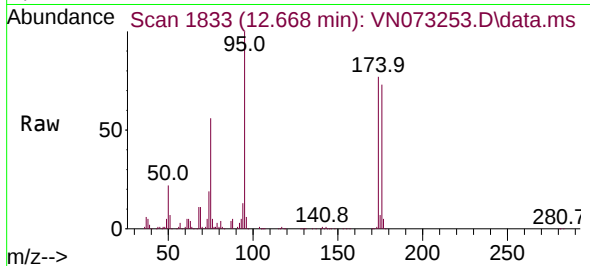




#62  
4-Bromofluorobenzene  
Concen: 51.932 ug/l  
RT: 12.668 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

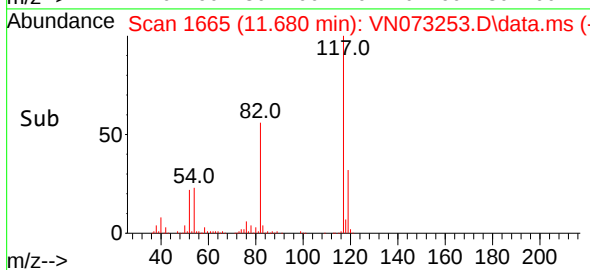
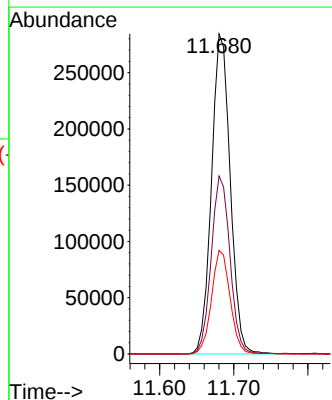
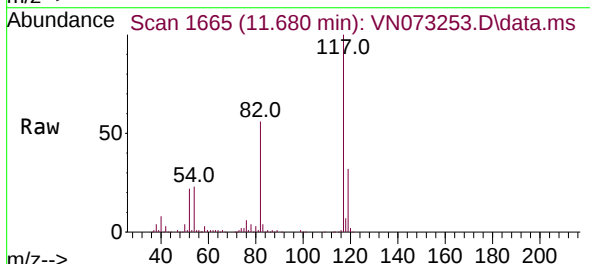
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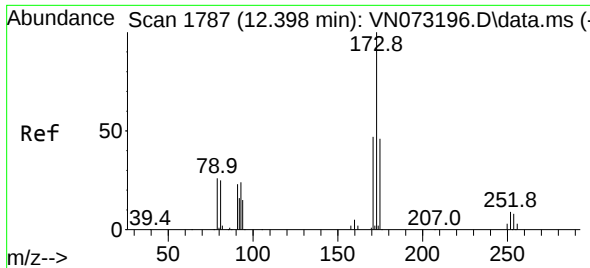
Tgt Ion: 95 Resp: 250827  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 167.6  
176 72.3 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

Tgt Ion: 117 Resp: 500066  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.2 66.2  
119 32.4 25.4 38.0

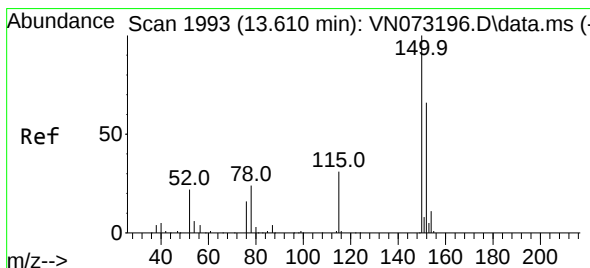
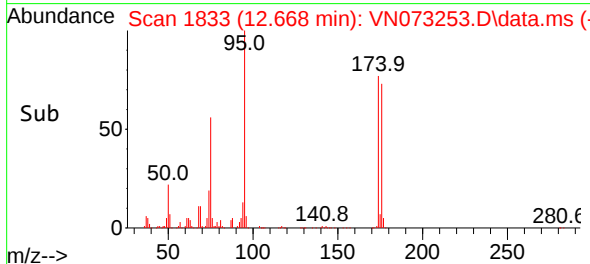
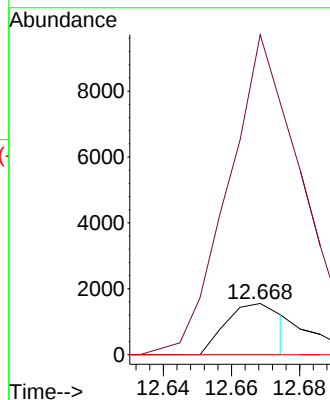
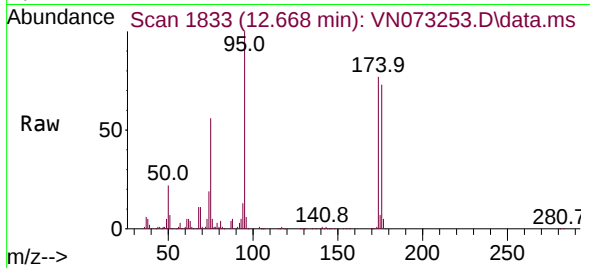




#71  
Bromoform  
Concen: 0.578 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. 0.270 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

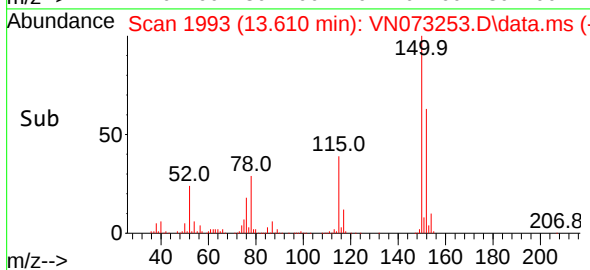
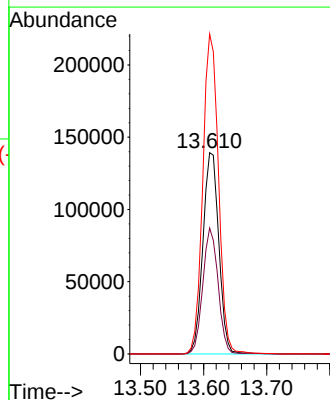
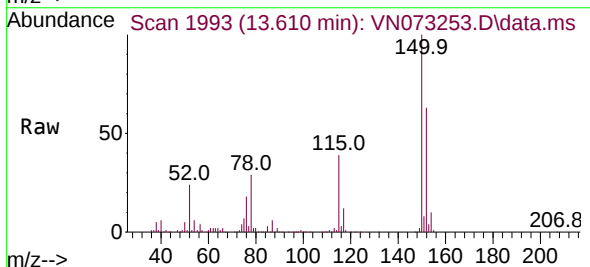
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

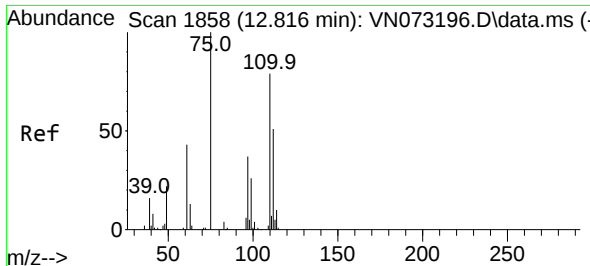
Tgt Ion:173 Resp: 1760  
Ion Ratio Lower Upper  
173 100  
175 610.2 24.6 73.6#  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

Tgt Ion:152 Resp: 244268  
Ion Ratio Lower Upper  
152 100  
115 59.8 28.9 86.7  
150 156.7 0.0 356.2

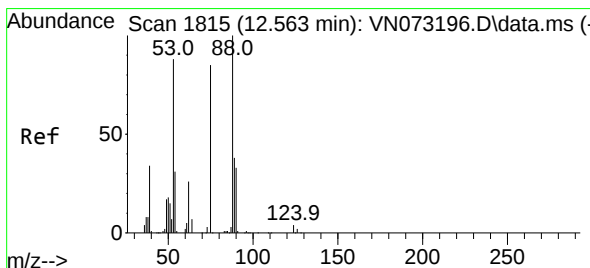
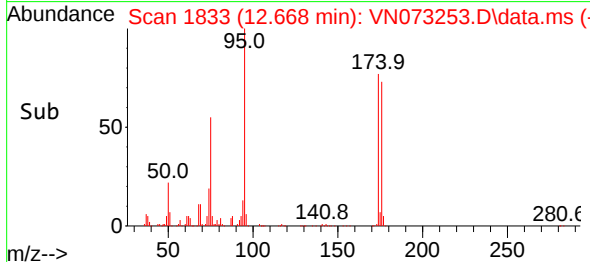
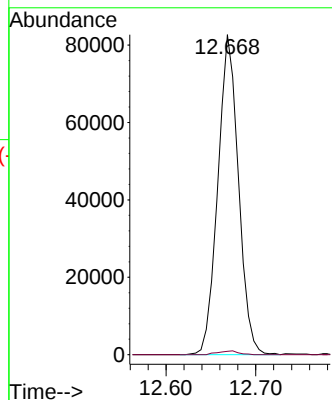
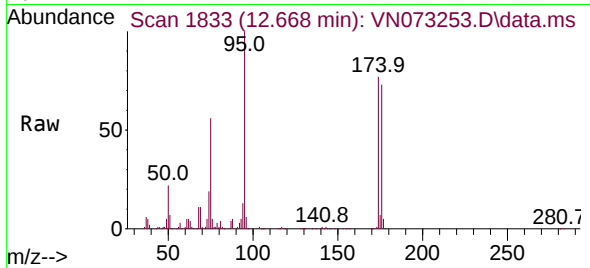




#76  
1,2,3-Trichloropropane  
Concen: 20.635 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.148 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

Instrument : MSVOA\_N  
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 131798  
Ion Ratio Lower Upper  
75 100  
77 1.2 98.5 295.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.591 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. 0.105 min  
Lab File: VN073253.D  
Acq: 29 Jun 2022 19:20

Tgt Ion: 75 Resp: 131798  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#

