

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061022\  
 Data File : VN072768.D  
 Acq On : 10 Jun 2022 16:34  
 Operator : JC\MD  
 Sample : N3293-18 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 52322-D

Quant Time: Jun 11 01:55:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 05:17:31 2022  
 Response via : Initial Calibration

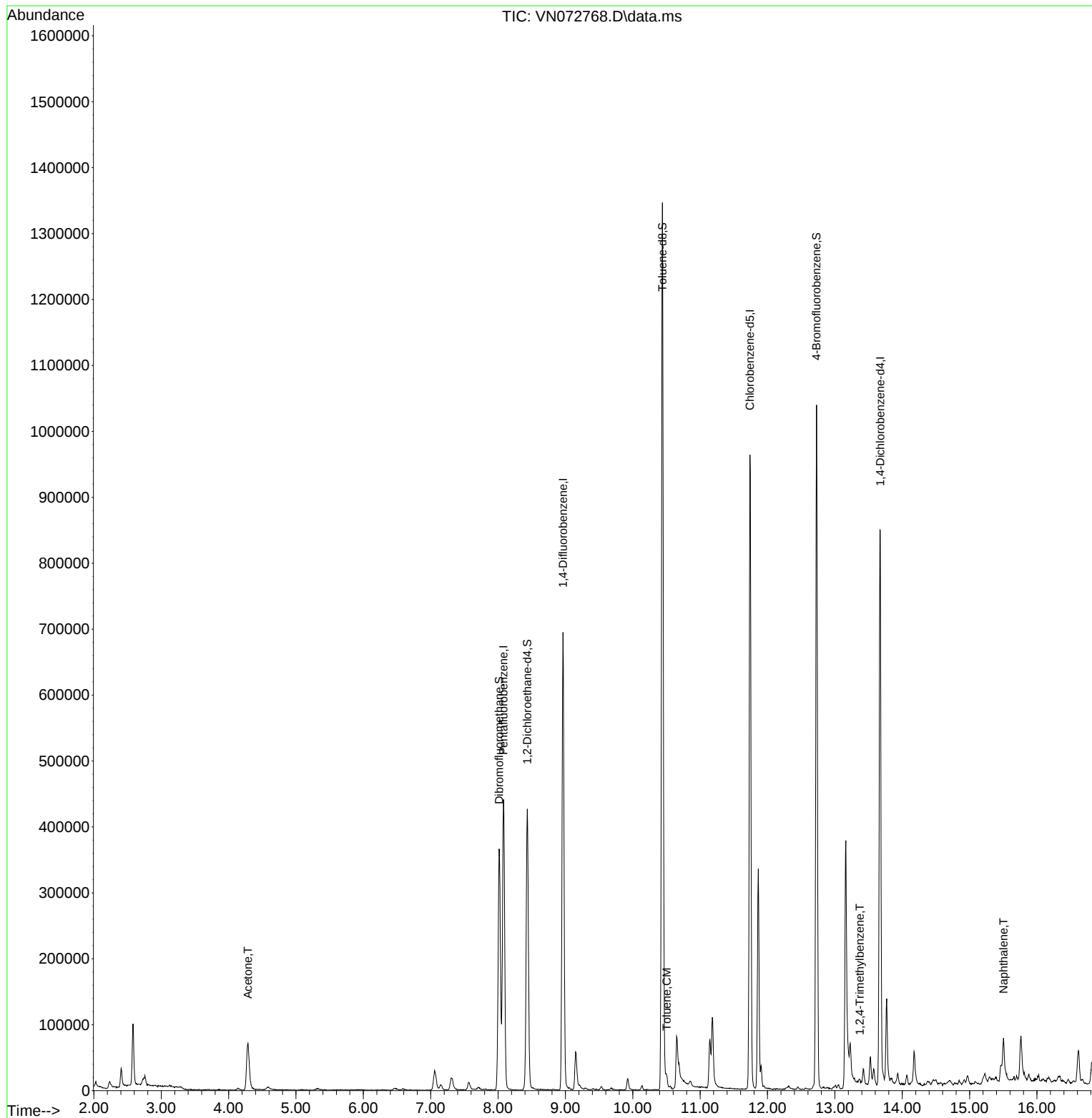
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 290721   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 542350   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 495159   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.674 | 152   | 202879   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 353449   | 45.298   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 90.600%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 260307   | 48.506   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 97.020%  |
| 50) Toluene-d8              | 10.439 | 98    | 845470   | 39.488   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 78.980%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 350202   | 47.665   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 95.320%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.287  | 43    | 136318   | 36.460   | ug/l   | 96       |
| 52) Toluene                 | 10.504 | 92    | 5450     | 0.386    | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.369 | 105   | 3900     | 0.236    | ug/l   | 98       |
| 95) Naphthalene             | 15.504 | 128   | 56367    | 4.229    | ug/l # | 95       |
| -----                       |        |       |          |          |        |          |

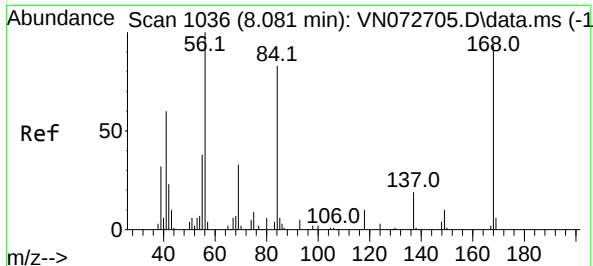
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 09 05:17:31 2022  
Response via : Initial Calibration

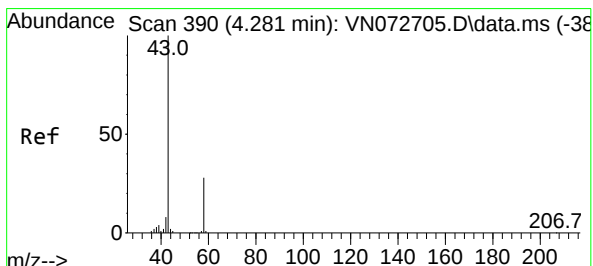
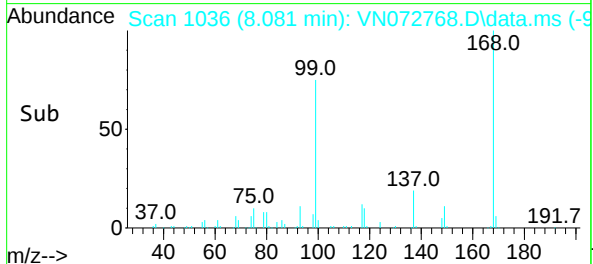
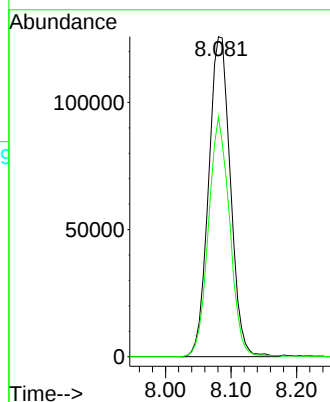
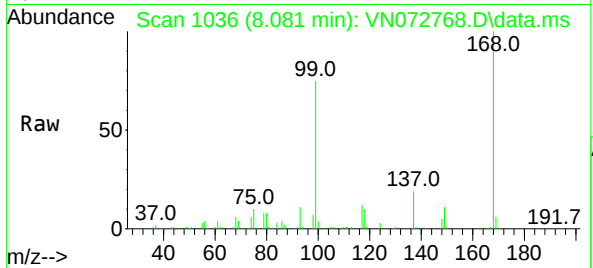




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072768.D  
Acq: 10 Jun 2022 16:34

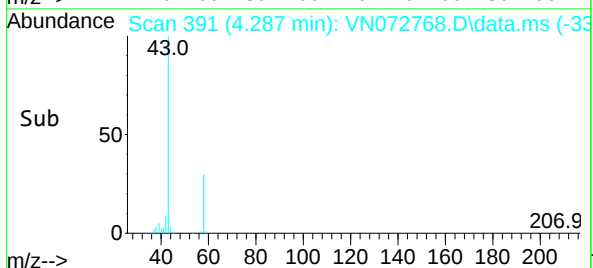
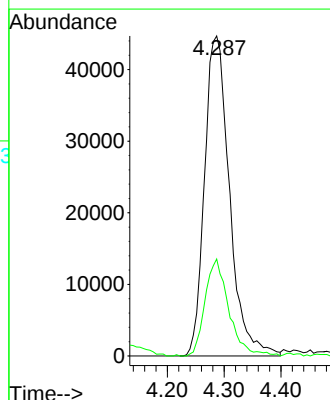
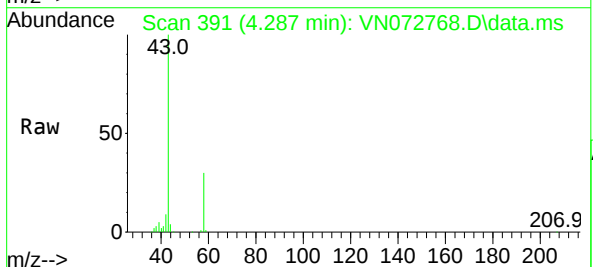
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MSVOA\_N  
ClientSampleId :  
52322-D

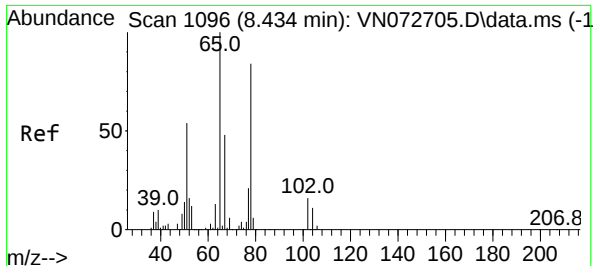
Tgt Ion:168 Resp: 290721  
Ion Ratio Lower Upper  
168 100  
99 74.9 42.3 63.5#



#16  
Acetone  
Concen: 36.460 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN072768.D  
Acq: 10 Jun 2022 16:34

Tgt Ion: 43 Resp: 136318  
Ion Ratio Lower Upper  
43 100  
58 30.3 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 45.298 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072768.D

Acq: 10 Jun 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

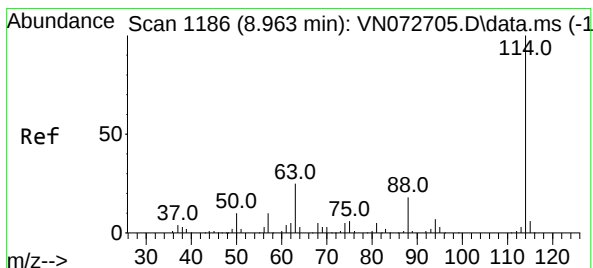
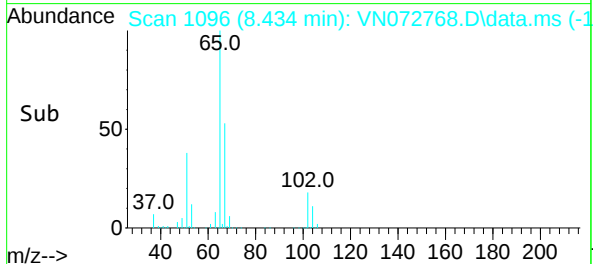
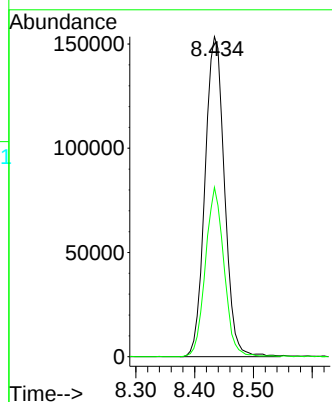
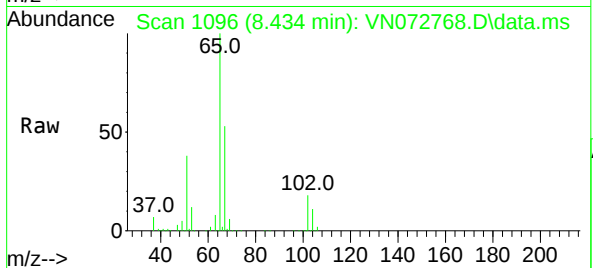
52322-D

Tgt Ion: 65 Resp: 353449

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072768.D

Acq: 10 Jun 2022 16:34

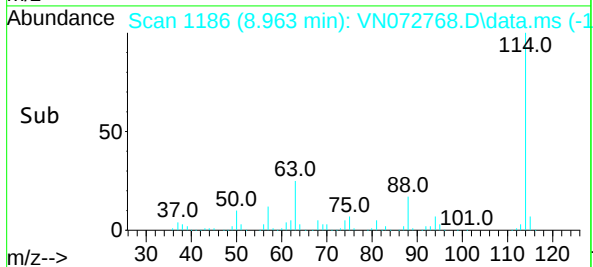
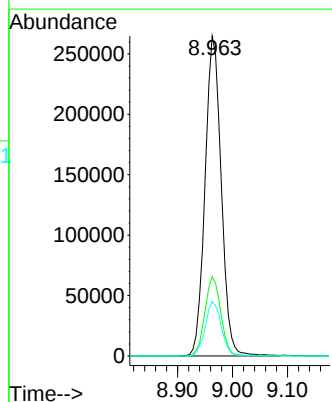
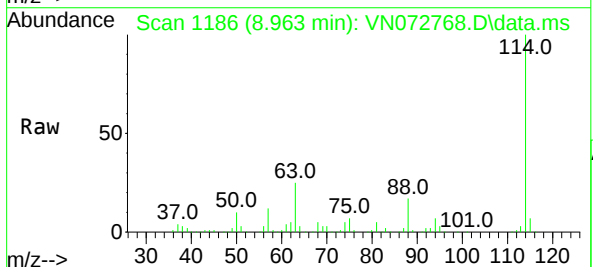
Tgt Ion: 114 Resp: 542350

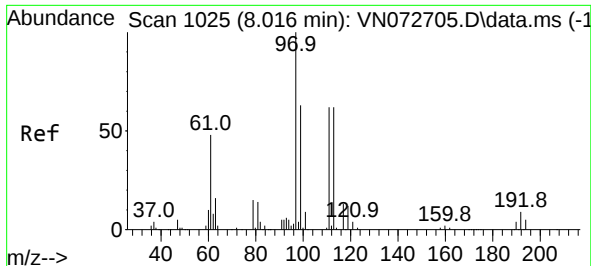
Ion Ratio Lower Upper

114 100

63 24.8 0.0 40.0

88 17.0 0.0 32.6

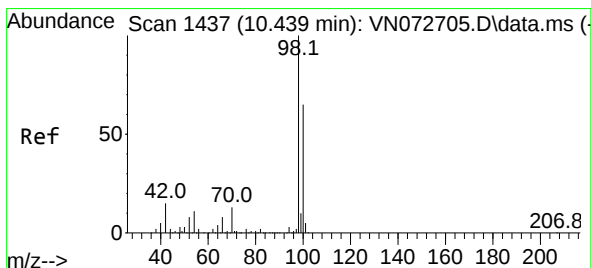
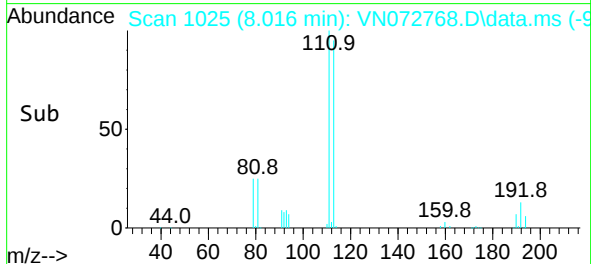
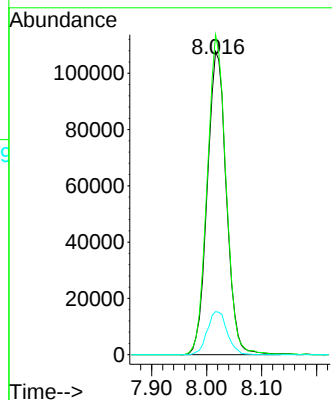
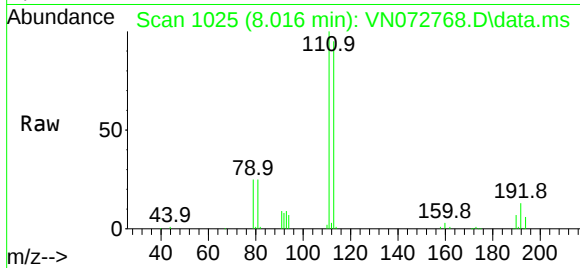




#35  
 Dibromofluoromethane  
 Concen: 48.506 ug/l  
 RT: 8.016 min Scan# 1025  
 Delta R.T. 0.000 min  
 Lab File: VN072768.D  
 Acq: 10 Jun 2022 16:34

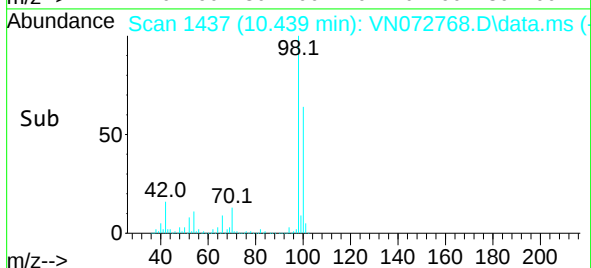
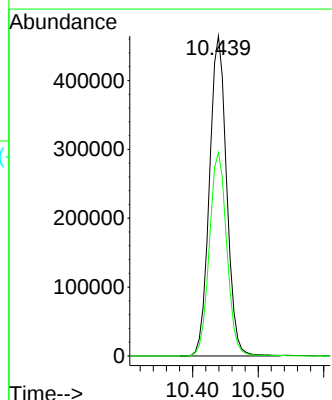
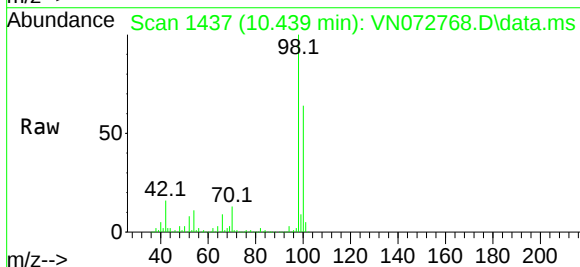
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 52322-D

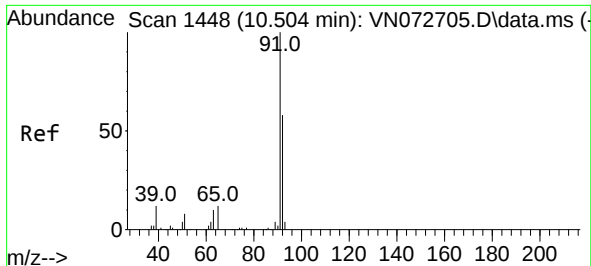
Tgt Ion:113 Resp: 260307  
 Ion Ratio Lower Upper  
 113 100  
 111 104.0 81.4 122.0  
 192 14.8 17.0 25.6#



#50  
 Toluene-d8  
 Concen: 39.488 ug/l  
 RT: 10.439 min Scan# 1437  
 Delta R.T. 0.000 min  
 Lab File: VN072768.D  
 Acq: 10 Jun 2022 16:34

Tgt Ion: 98 Resp: 845470  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 52.6 78.8

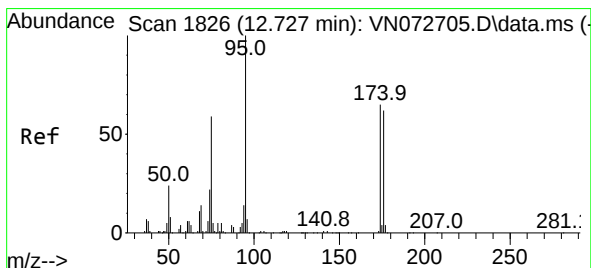
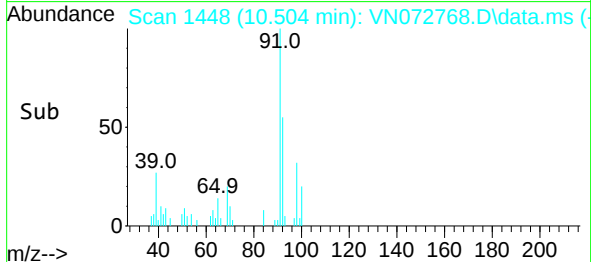
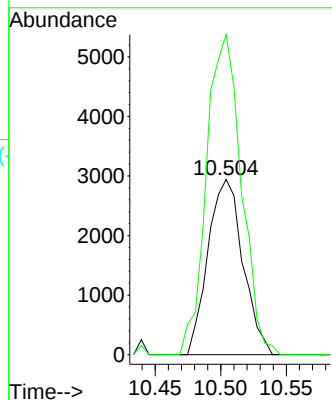
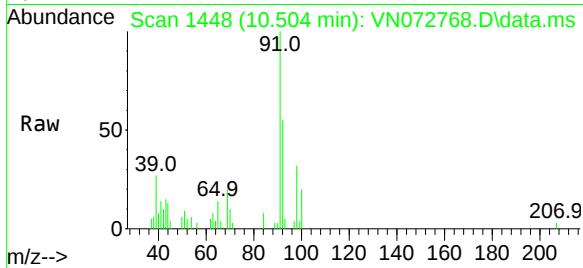




#52  
Toluene  
Concen: 0.386 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN072768.D  
Acq: 10 Jun 2022 16:34

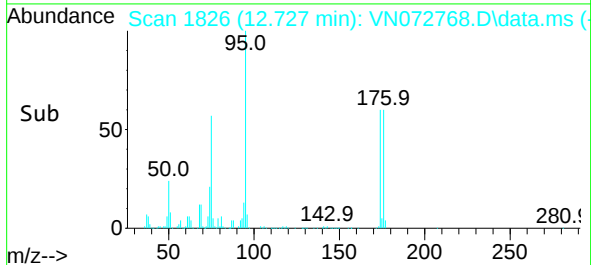
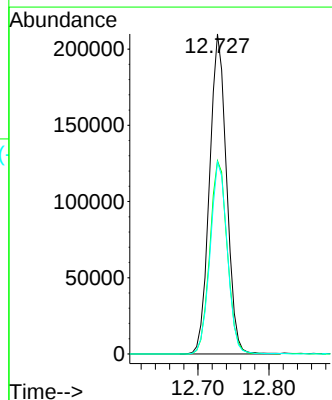
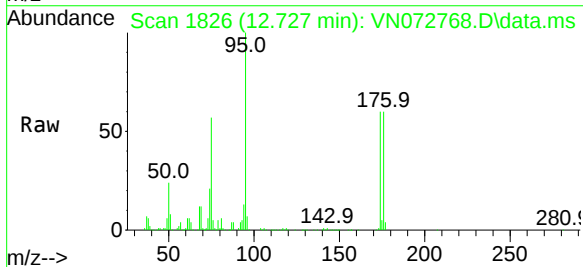
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ClientSampleId :  
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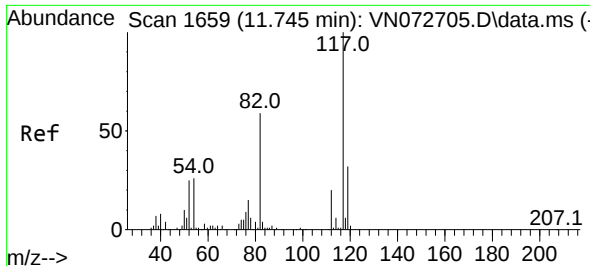
Tgt Ion: 92 Resp: 5450  
Ion Ratio Lower Upper  
92 100  
91 182.7 138.6 207.8



#62  
4-Bromofluorobenzene  
Concen: 47.665 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072768.D  
Acq: 10 Jun 2022 16:34

Tgt Ion: 95 Resp: 350202  
Ion Ratio Lower Upper  
95 100  
174 61.6 0.0 167.6  
176 60.1 0.0 163.4

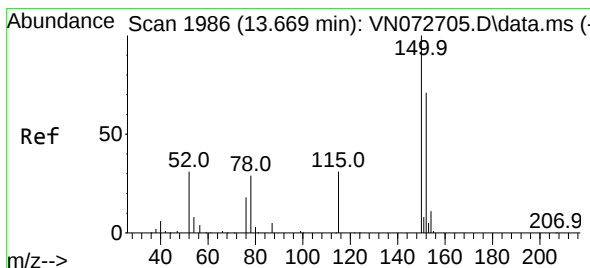
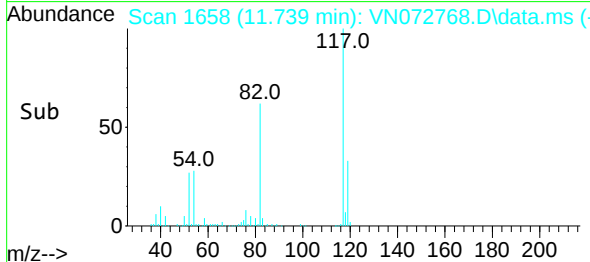
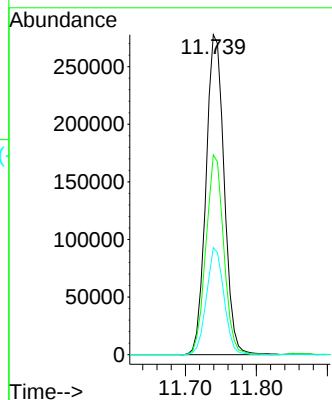
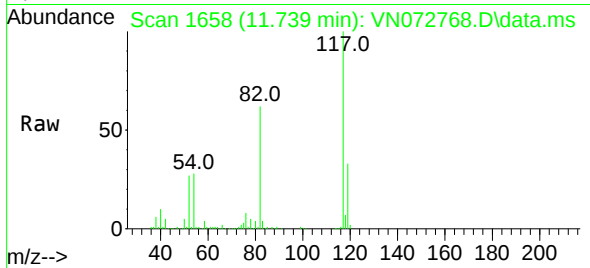




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VN072768.D  
Acq: 10 Jun 2022 16:34

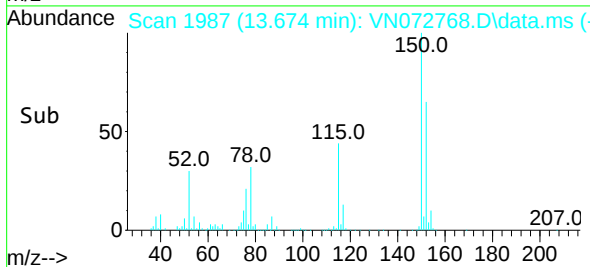
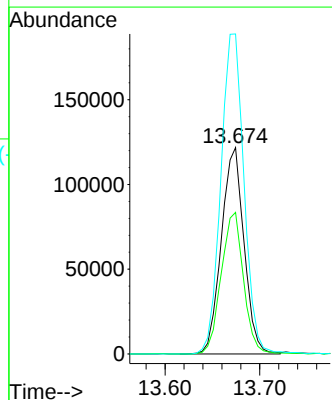
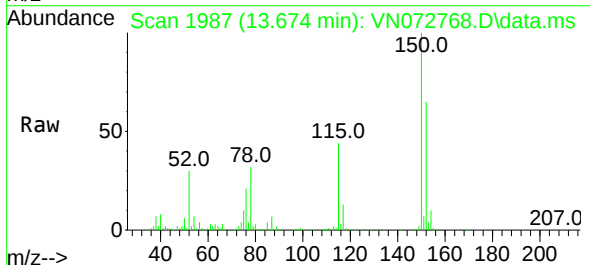
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MSVOA\_N  
ClientSampleId :  
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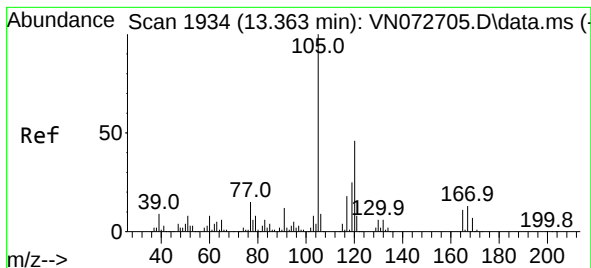
Tgt Ion:117 Resp: 495159  
Ion Ratio Lower Upper  
117 100  
82 62.5 44.2 66.2  
119 33.4 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.674 min Scan# 1987  
Delta R.T. 0.005 min  
Lab File: VN072768.D  
Acq: 10 Jun 2022 16:34

Tgt Ion:152 Resp: 202879  
Ion Ratio Lower Upper  
152 100  
115 67.7 28.9 86.7  
150 158.7 0.0 356.2





#84

1,2,4-Trimethylbenzene

Concen: 0.236 ug/l

RT: 13.369 min Scan# 1934

Delta R.T. 0.006 min

Lab File: VN072768.D

Acq: 10 Jun 2022 16:34

Instrument :

MSVOA\_N

ClientSampleId :

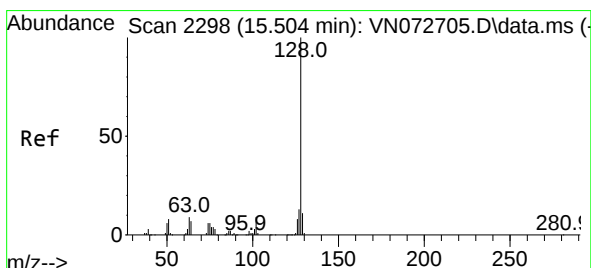
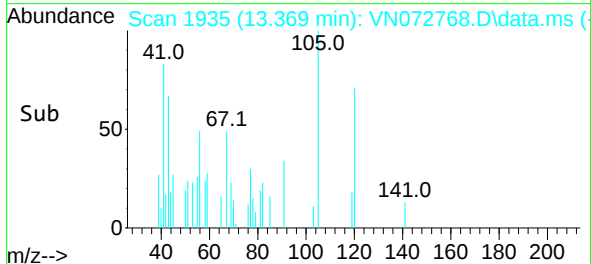
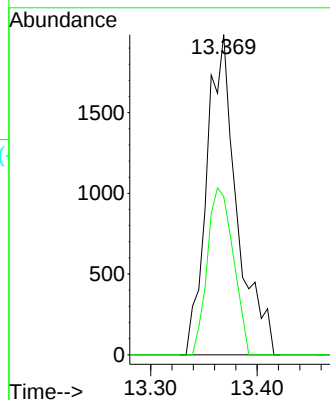
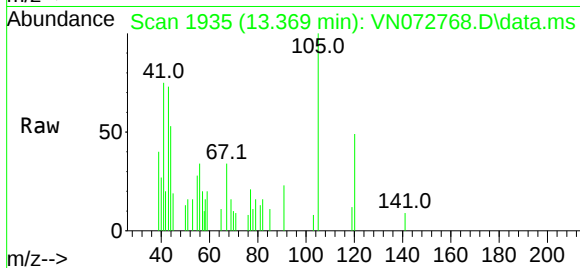
52322-D

Tgt Ion:105 Resp: 3900

Ion Ratio Lower Upper

105 100

120 44.8 23.3 69.8



#95

Naphthalene

Concen: 4.229 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN072768.D

Acq: 10 Jun 2022 16:34

Tgt Ion:128 Resp: 56367

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 13.1 8.6 13.0#

