

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070822\  
 Data File : VN073393.D  
 Acq On : 08 Jul 2022 15:17  
 Operator : JC\MD  
 Sample : N3636-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EB-01-070722

Quant Time: Jul 09 05:25:35 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

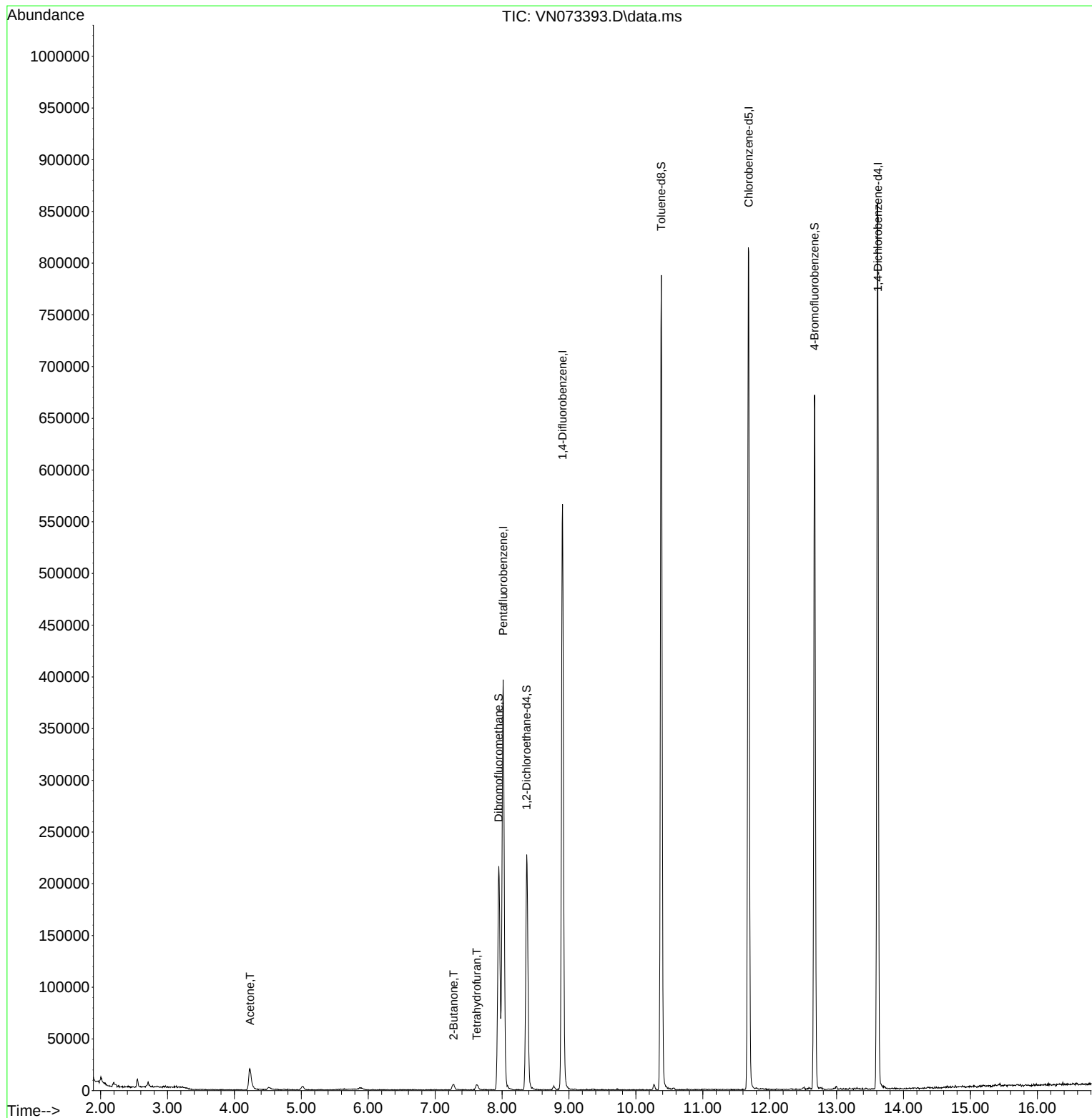
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 299760   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 496945   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 471531   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 228415   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 186991   | 43.211   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.420%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 160037   | 48.404   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.800%  |
| 50) Toluene-d8              | 10.380 | 98    | 536311   | 45.672   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 91.340%  |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 240821   | 53.366   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 106.740% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.234  | 43    | 38739    | 15.948   | ug/l   | 93       |
| 25) 2-Butanone              | 7.275  | 43    | 10171    | 2.630    | ug/l # | 80       |
| 29) Tetrahydrofuran         | 7.622  | 42    | 4273     | 1.614    | ug/l # | 71       |
| -----                       |        |       |          |          |        |          |

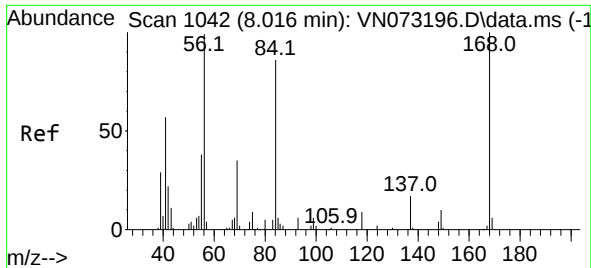
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Jun 29 01:54:03 2022  
Response via : Initial Calibration

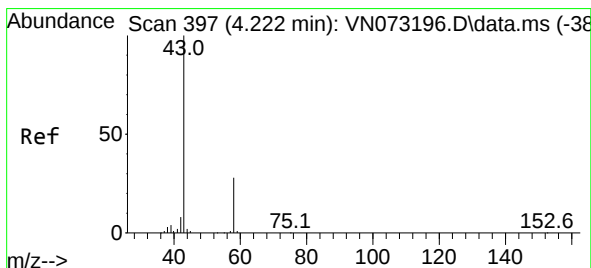
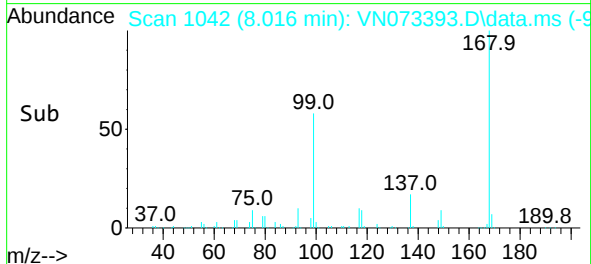
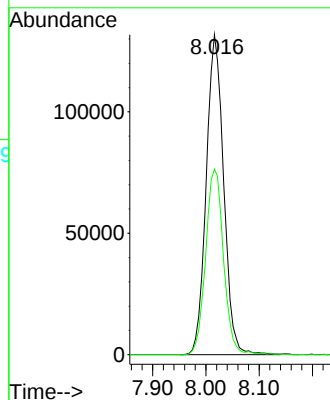
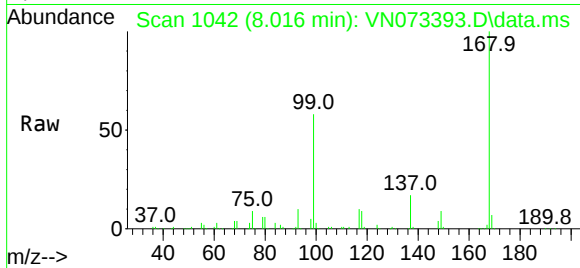




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

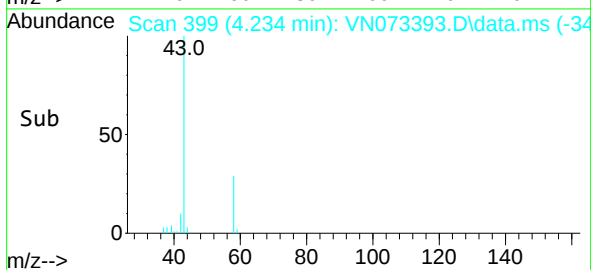
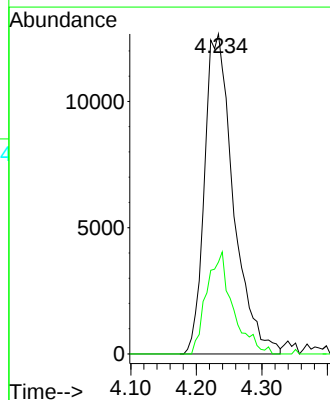
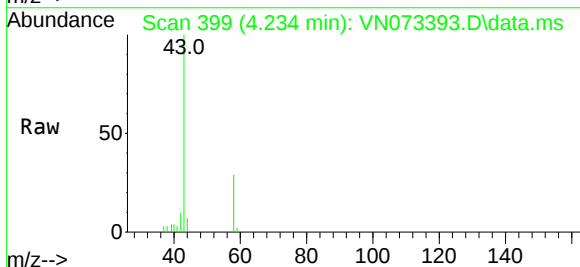
Instrument :  
MSVOA\_N  
ClientSampleId :  
EB-01-070722

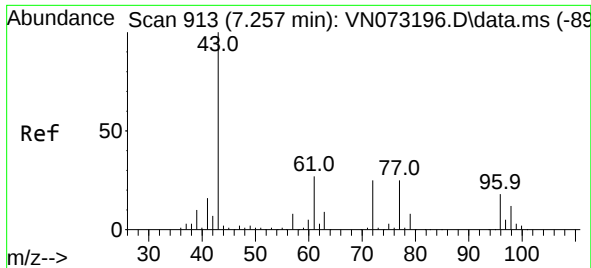
Tgt Ion:168 Resp: 299760  
Ion Ratio Lower Upper  
168 100  
99 58.0 42.3 63.5



#16  
Acetone  
Concen: 15.948 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.012 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

Tgt Ion: 43 Resp: 38739  
Ion Ratio Lower Upper  
43 100  
58 28.7 26.0 39.0

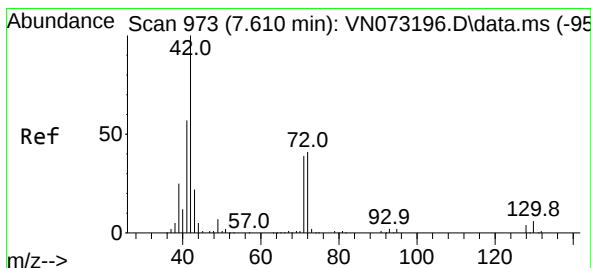
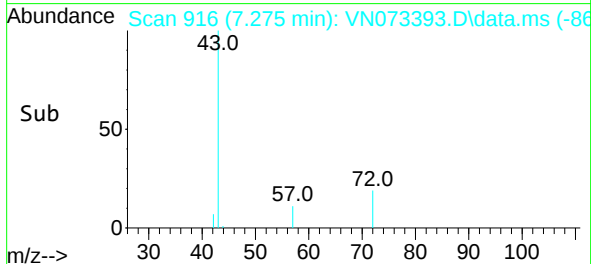
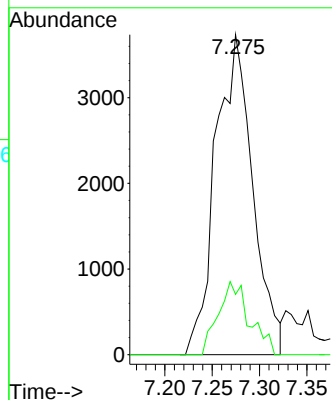
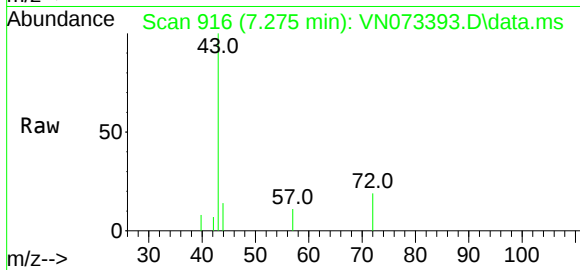




#25  
2-Butanone  
Concen: 2.630 ug/l  
RT: 7.275 min Scan# 916  
Delta R.T. 0.018 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

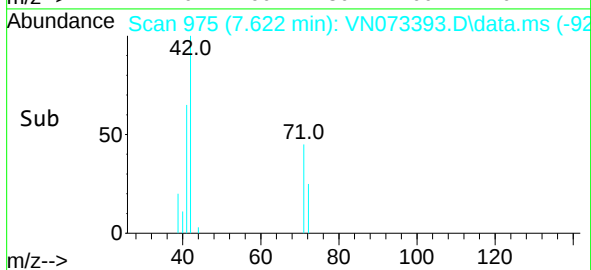
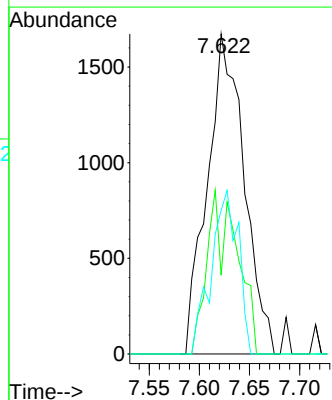
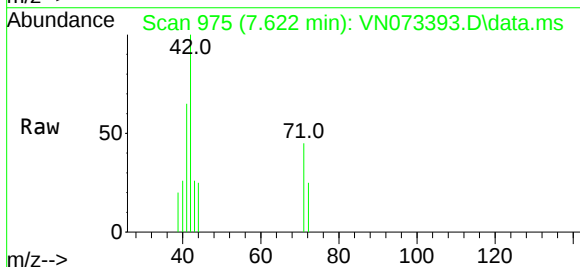
Instrument :  
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ClientSampleId :  
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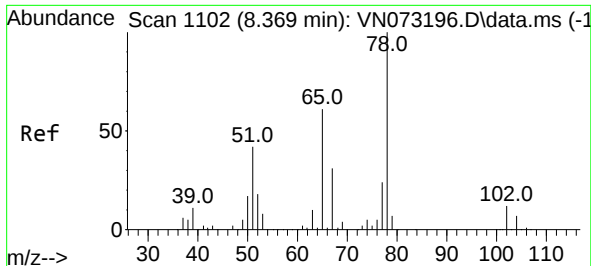
Tgt Ion: 43 Resp: 10171  
Ion Ratio Lower Upper  
43 100  
72 18.9 23.7 35.5#



#29  
Tetrahydrofuran  
Concen: 1.614 ug/l  
RT: 7.622 min Scan# 975  
Delta R.T. 0.012 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

Tgt Ion: 42 Resp: 4273  
Ion Ratio Lower Upper  
42 100  
72 19.8 39.7 59.5#  
71 37.6 36.6 55.0

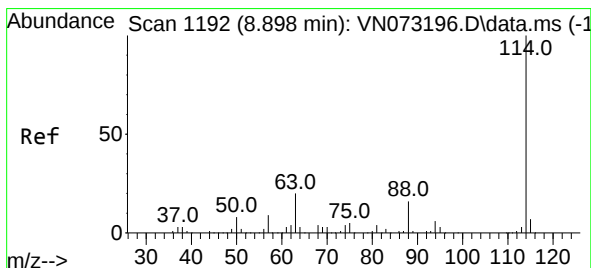
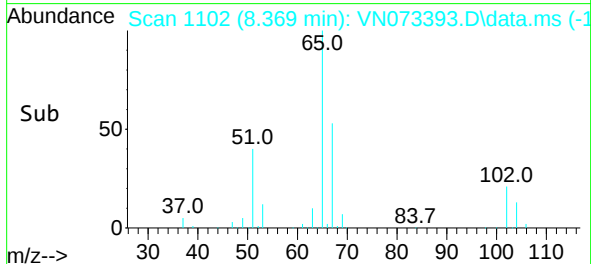
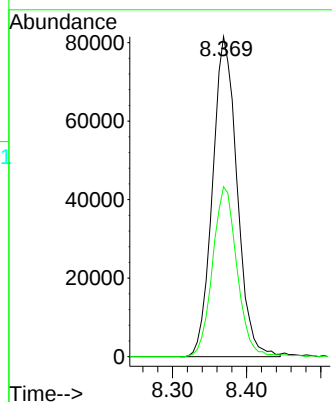
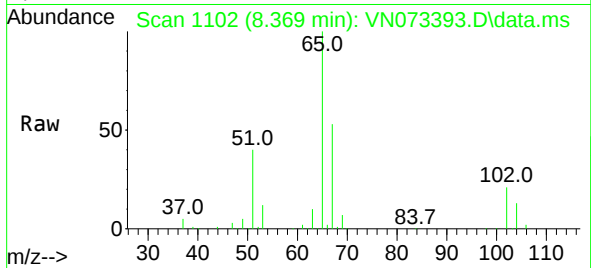




#33  
1,2-Dichloroethane-d4  
Concen: 43.211 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

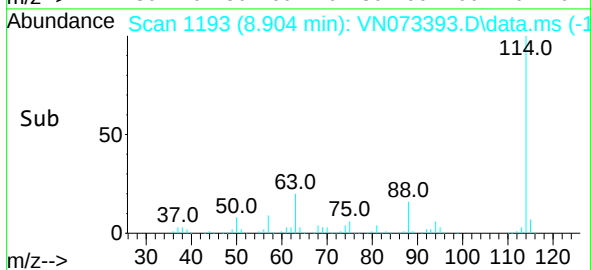
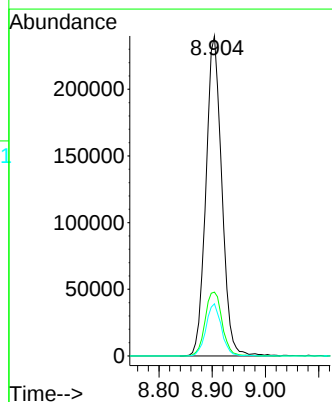
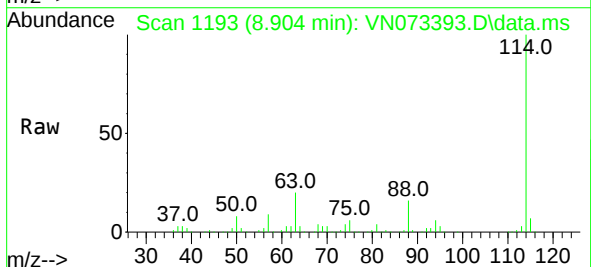
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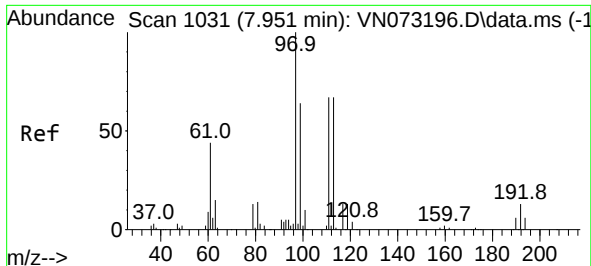
Tgt Ion: 65 Resp: 186991  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

Tgt Ion: 114 Resp: 496945  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 40.0  
88 16.3 0.0 32.6

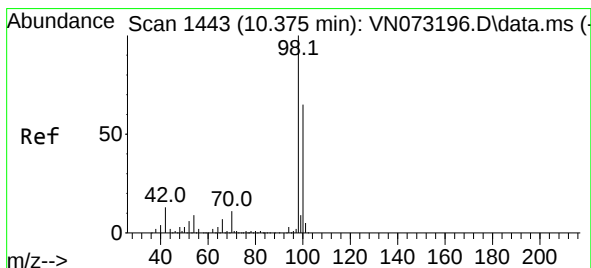
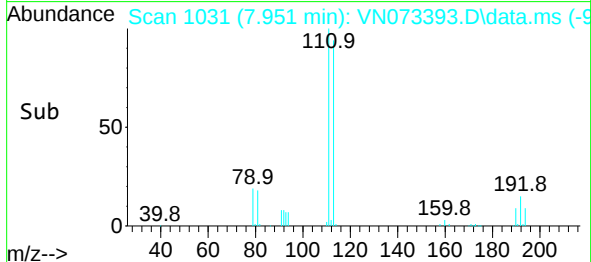
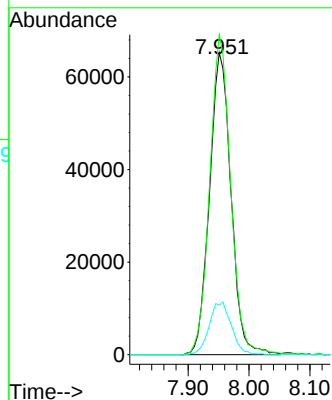
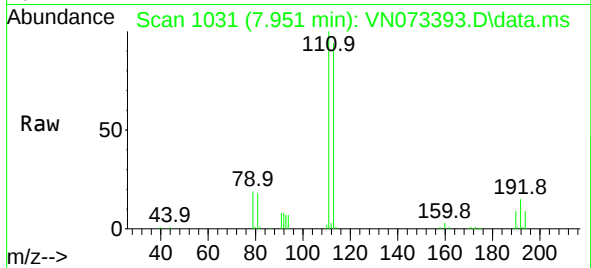




#35  
Dibromofluoromethane  
Concen: 48.404 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

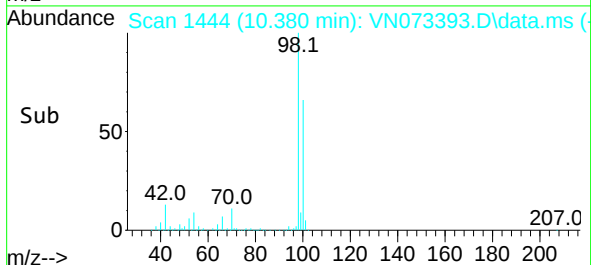
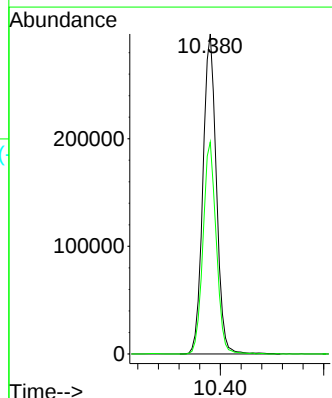
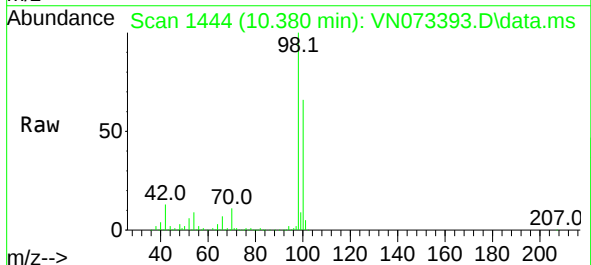
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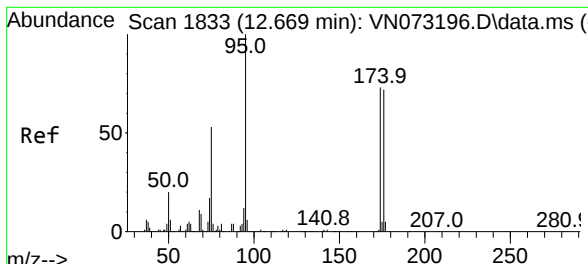
Tgt Ion:113 Resp: 160037  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.4 122.0  
192 18.0 17.0 25.6



#50  
Toluene-d8  
Concen: 45.672 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.005 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

Tgt Ion: 98 Resp: 536311  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 78.8



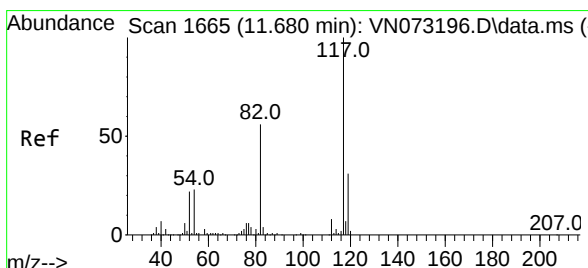
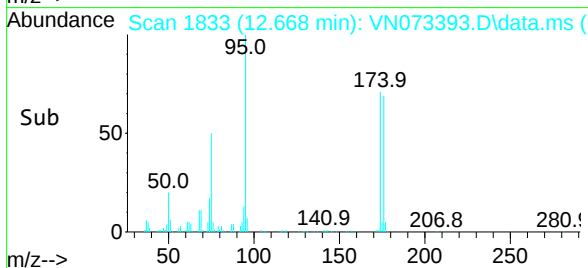
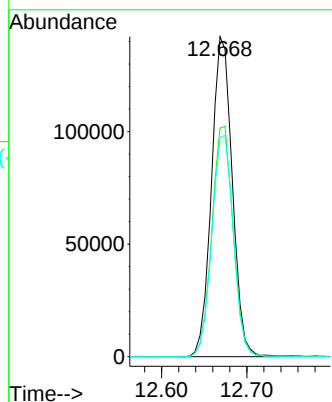
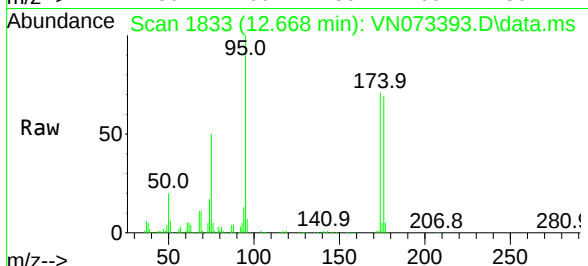


#62  
4-Bromofluorobenzene  
Concen: 53.366 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
EB-01-070722

Tgt Ion: 95 Resp: 240821

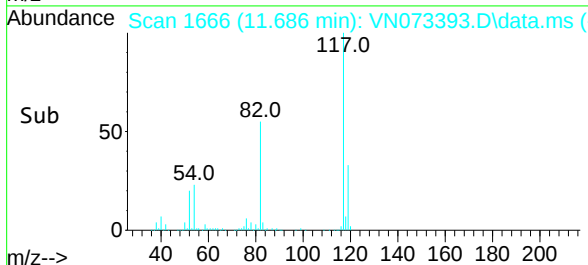
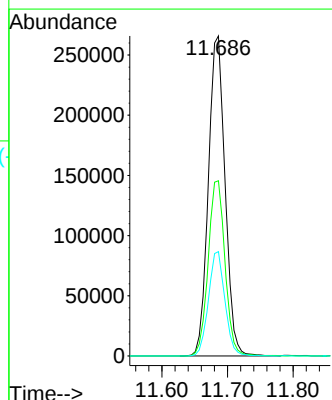
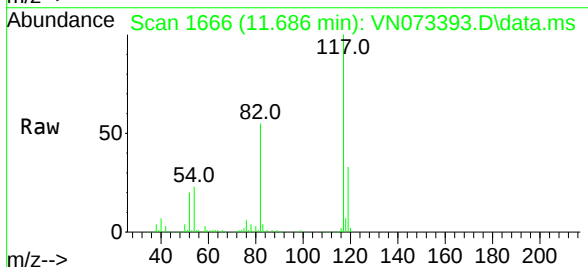
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 73.9  | 0.0   | 167.6 |
| 176 | 71.5  | 0.0   | 163.4 |

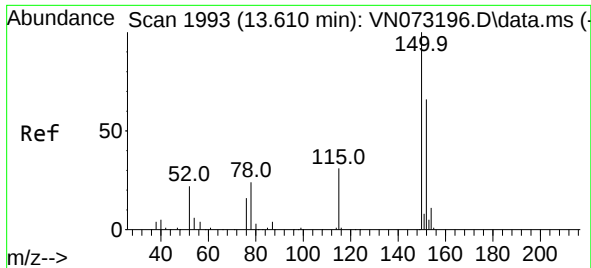


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VN073393.D  
Acq: 08 Jul 2022 15:17

Tgt Ion: 117 Resp: 471531

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 54.7  | 44.2  | 66.2  |
| 119 | 32.6  | 25.4  | 38.0  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073393.D

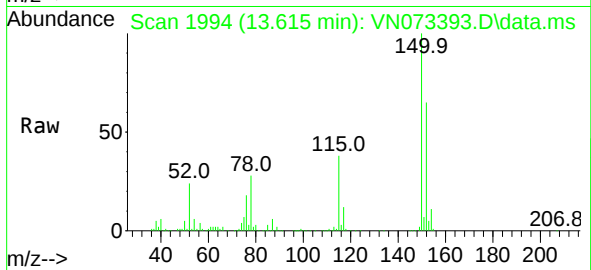
Acq: 08 Jul 2022 15:17

Instrument :

MSVOA\_N

ClientSampleId :

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Tgt Ion:152 Resp: 228415

Ion Ratio Lower Upper

152 100

115 60.0 28.9 86.7

150 157.5 0.0 356.2

