

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100121\  
 Data File : VN068793.D  
 Acq On : 1 Oct 2021 19:24  
 Operator : JC/MD  
 Sample : M4040-05  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SW-RR-03(SA)

Quant Time: Oct 02 04:02:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 29 23:31:35 2021  
 Response via : Initial Calibration

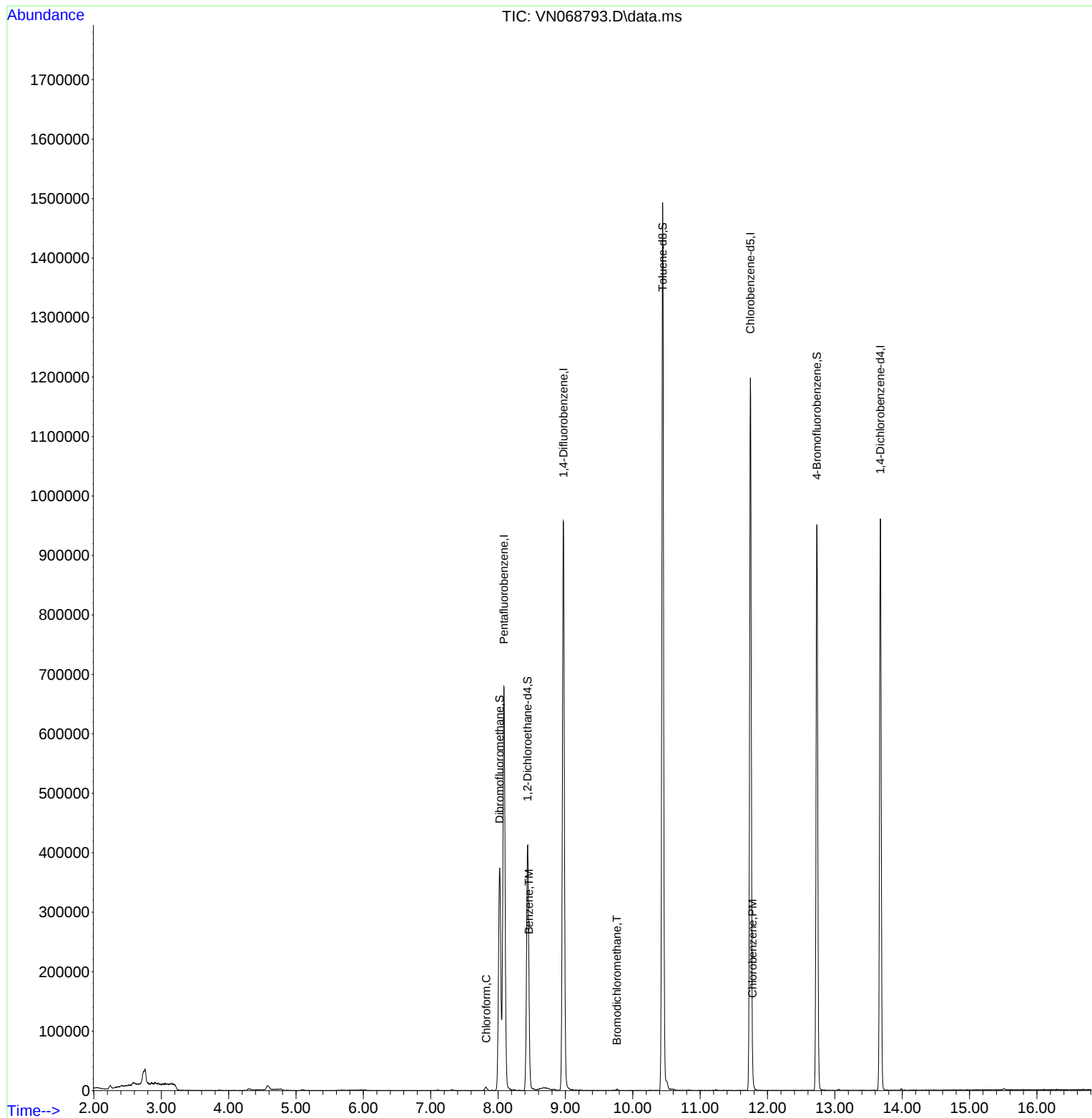
| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 8.088     | 168            | 478694   | 50.000     | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971     | 114            | 827680   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.746    | 117            | 685632   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675    | 152            | 242895   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.437     | 65             | 341416   | 51.189     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 61 - 141 | Recovery | = 102.380% |        |          |
| 35) Dibromofluoromethane    | 8.024     | 113            | 268332   | 52.179     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 69 - 133 | Recovery | = 104.360% |        |          |
| 50) Toluene-d8              | 10.443    | 98             | 1018175  | 54.182     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 65 - 126 | Recovery | = 108.360% |        |          |
| 62) 4-Bromofluorobenzene    | 12.733    | 95             | 300929   | 46.086     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 58 - 135 | Recovery | = 92.180%  |        |          |
| Target Compounds            |           |                |          |            |        |          |
|                             |           |                |          |            |        | Qvalue   |
| 30) Chloroform              | 7.823     | 83             | 5197     | 0.440      | ug/l   | 93       |
| 40) Benzene                 | 8.458     | 78             | 7733     | 0.326      | ug/l   | 99       |
| 47) Bromodichloromethane    | 9.764     | 83             | 1977     | 0.210      | ug/l # | 93       |
| 65) Chlorobenzene           | 11.776    | 112            | 3867     | 0.247      | ug/l # | 86       |
| -----                       |           |                |          |            |        |          |

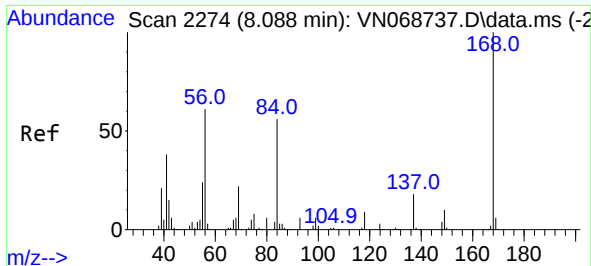
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
ClientSampleId :  
SW-RR-03(SA)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092921W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 29 23:31:35 2021  
Response via : Initial Calibration

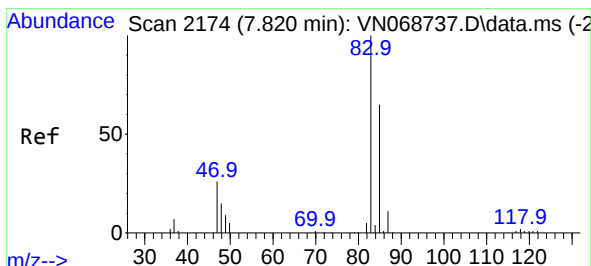
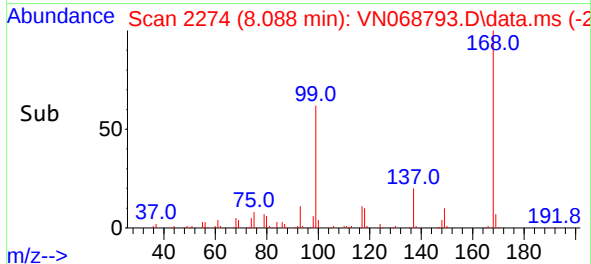
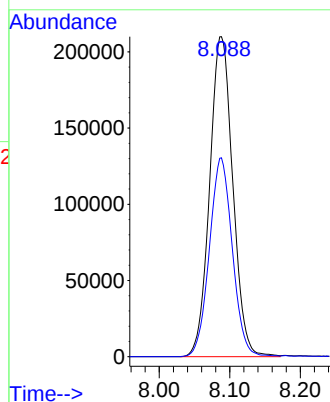
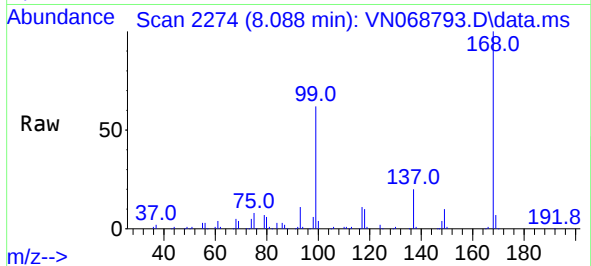




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

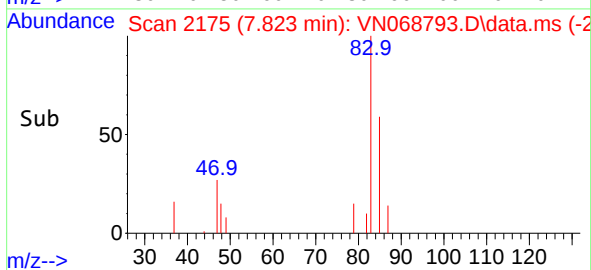
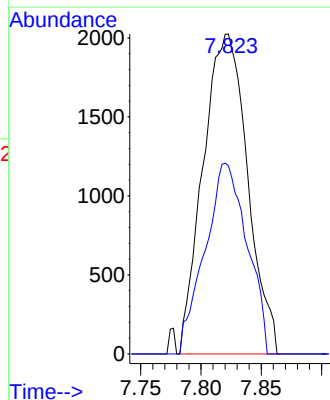
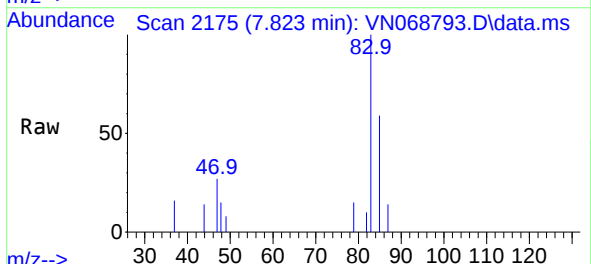
Instrument :  
MSVOA\_N  
ClientSampled :  
SW-RR-03(SA)

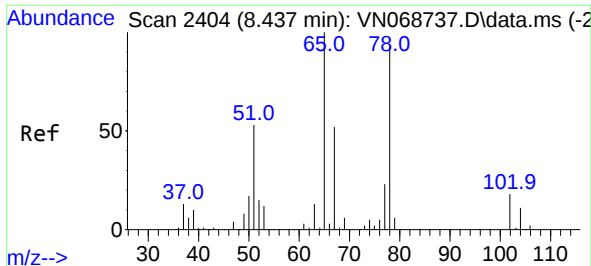
Tgt Ion:168 Resp: 478694  
Ion Ratio Lower Upper  
168 100  
99 62.2 62.9 94.3#



#30  
Chloroform  
Concen: 0.440 ug/l  
RT: 7.823 min Scan# 2175  
Delta R.T. 0.003 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

Tgt Ion: 83 Resp: 5197  
Ion Ratio Lower Upper  
83 100  
85 58.9 51.5 77.3

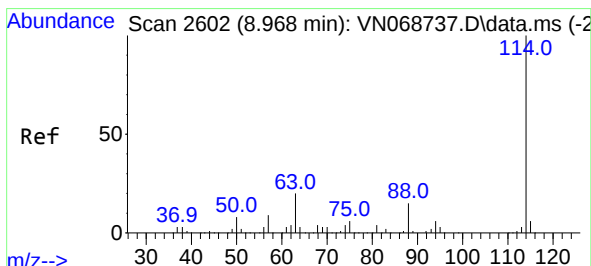
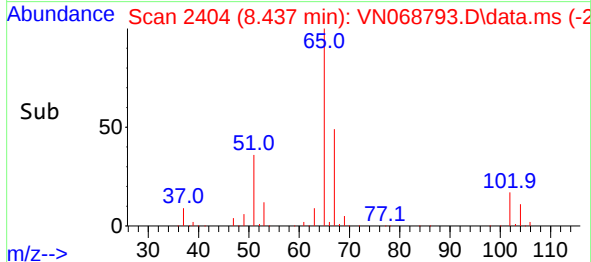
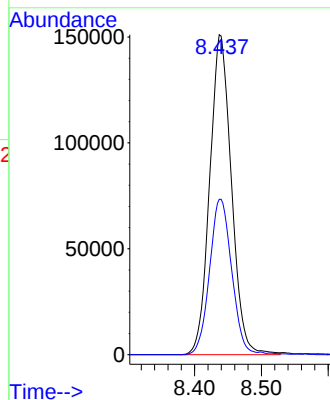
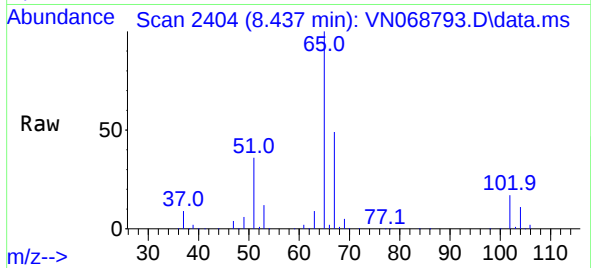




#33  
1,2-Dichloroethane-d4  
Concen: 51.189 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. -0.000 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

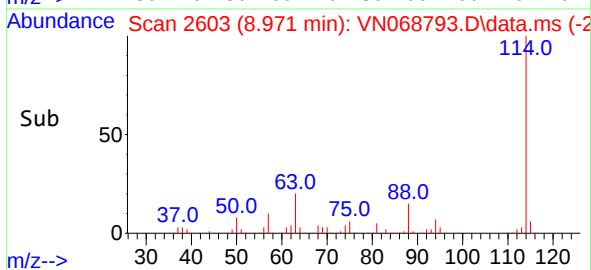
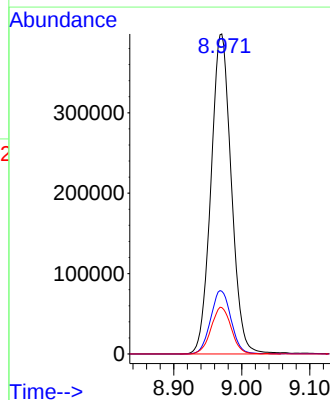
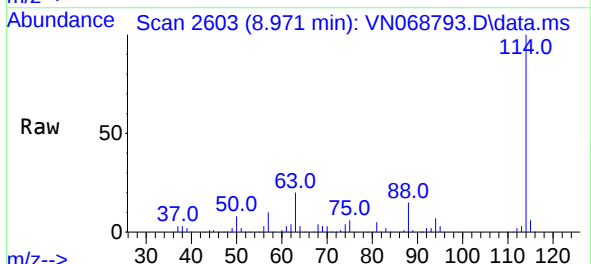
Instrument :  
MSVOA\_N  
ClientSampleId :  
SW-RR-03(SA)

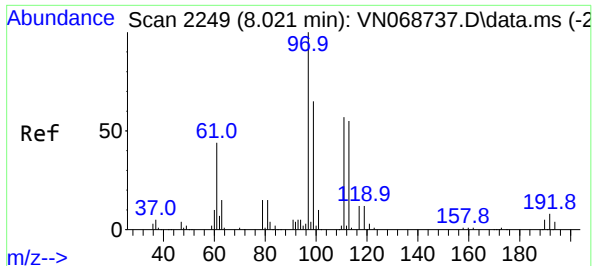
Tgt Ion: 65 Resp: 341416  
Ion Ratio Lower Upper  
65 100  
67 49.3 0.0 98.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

Tgt Ion: 114 Resp: 827680  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 49.0  
88 14.5 0.0 36.6

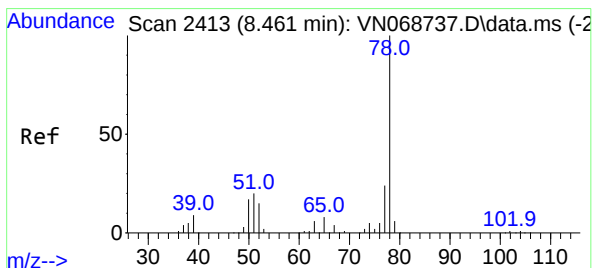
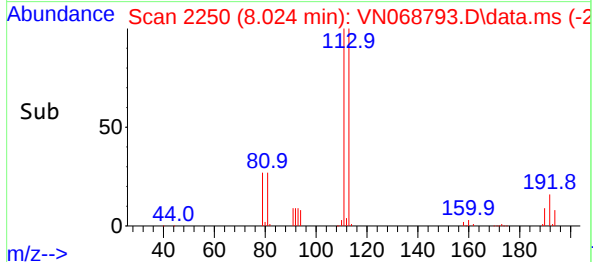
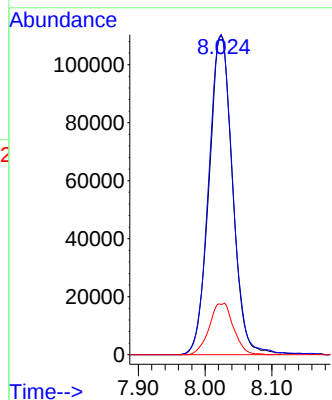
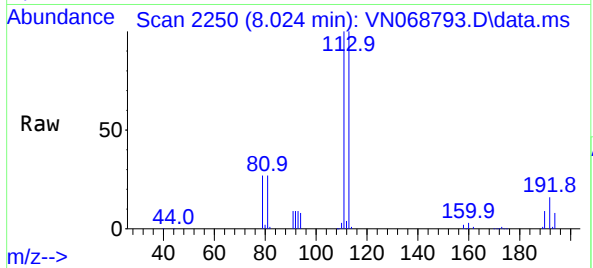




#35  
Dibromofluoromethane  
Concen: 52.179 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

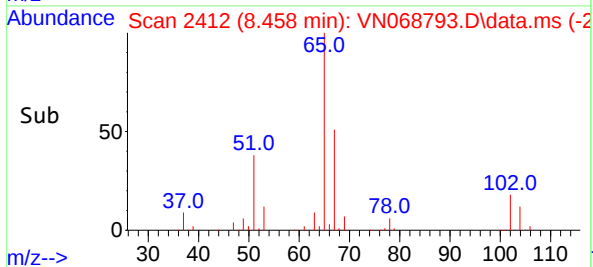
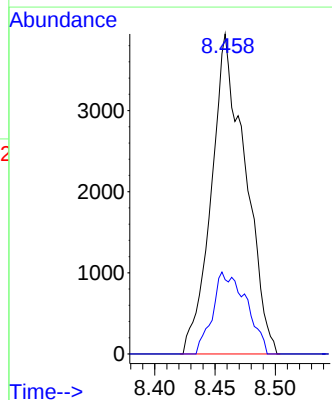
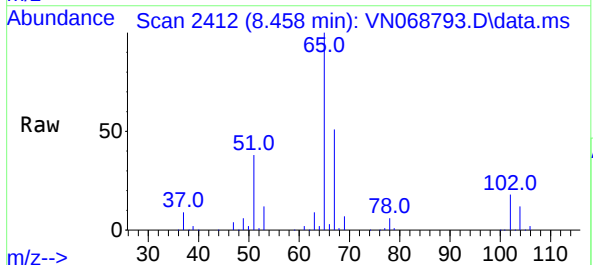
Instrument :  
MSVOA\_N  
ClientSampled :  
SW-RR-03(SA)

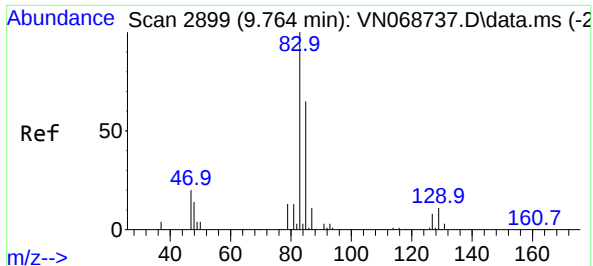
Tgt Ion:113 Resp: 268332  
Ion Ratio Lower Upper  
113 100  
111 102.2 83.8 125.8  
192 16.6 13.4 20.0



#40  
Benzene  
Concen: 0.326 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. -0.003 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

Tgt Ion: 78 Resp: 7733  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.9 28.3

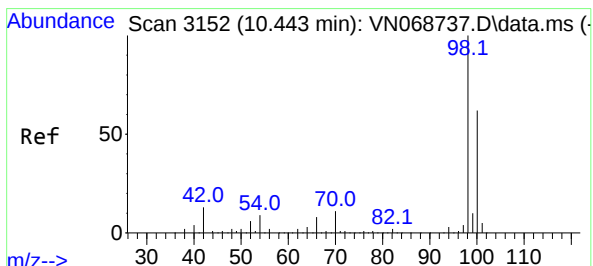
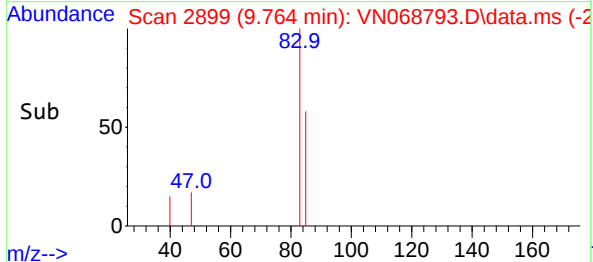
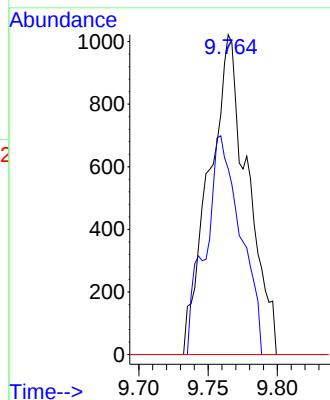
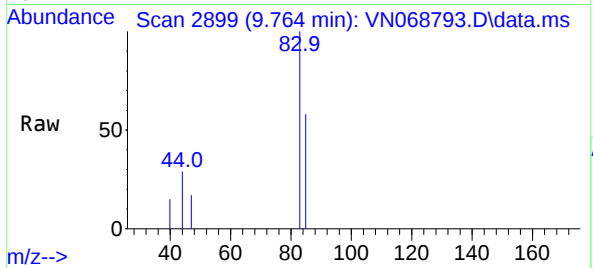




#47  
Bromodichloromethane  
Concen: 0.210 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

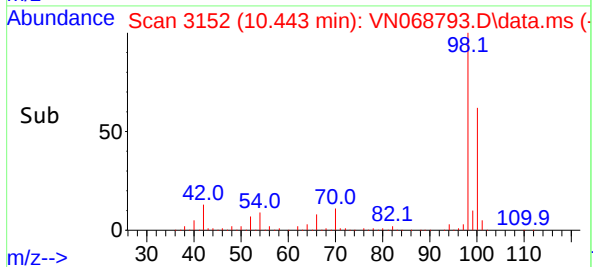
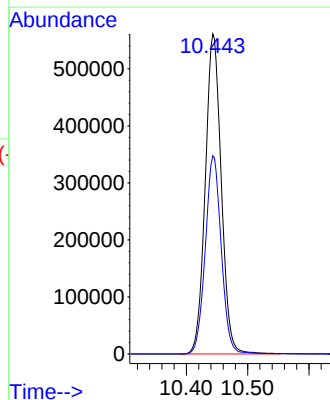
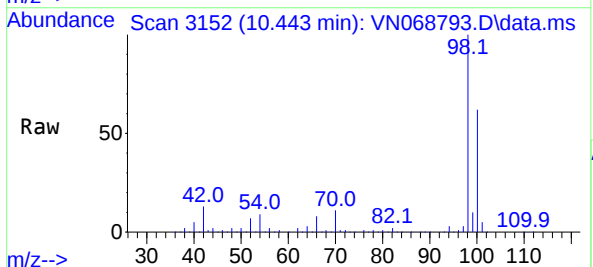
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ClientSampleId :  
SW-RR-03(SA)

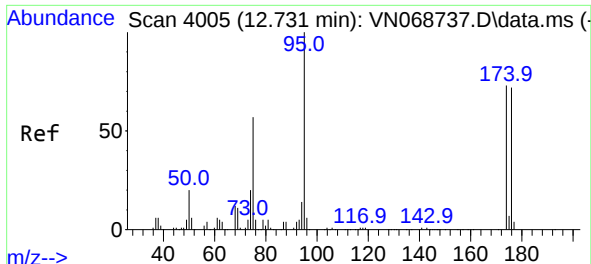
Tgt Ion: 83 Resp: 1977  
Ion Ratio Lower Upper  
83 100  
85 58.1 49.9 74.9  
127 0.0 6.1 9.1#



#50  
Toluene-d8  
Concen: 54.182 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

Tgt Ion: 98 Resp: 1018175  
Ion Ratio Lower Upper  
98 100  
100 61.9 51.7 77.5

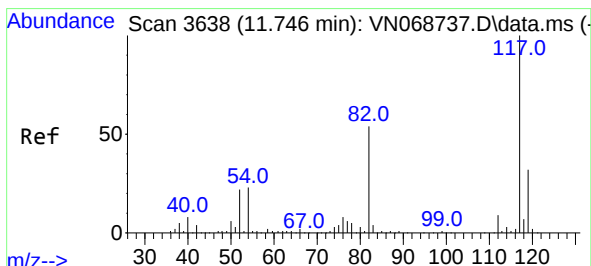
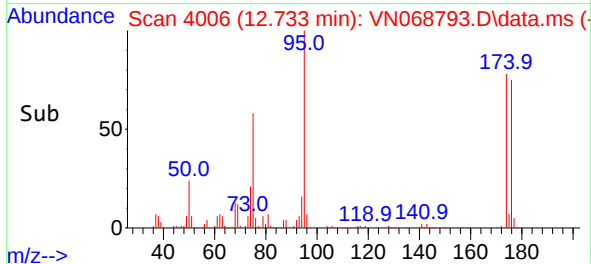
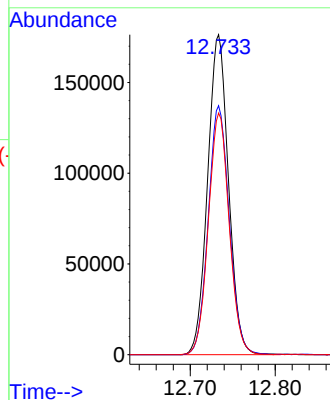
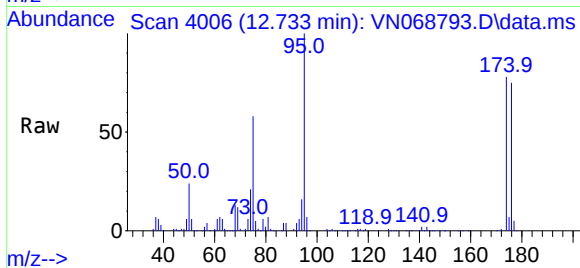




#62  
4-Bromofluorobenzene  
Concen: 46.086 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.002 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

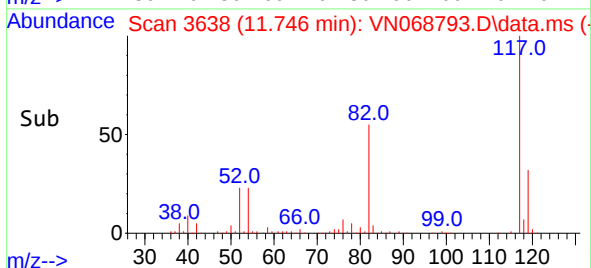
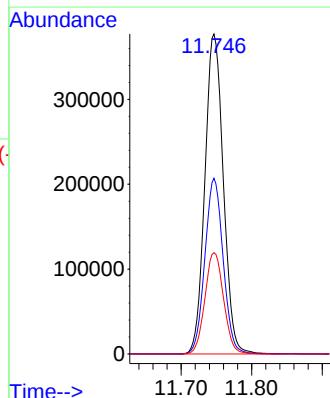
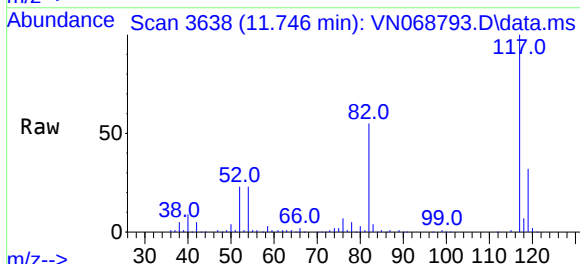
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SW-RR-03(SA)

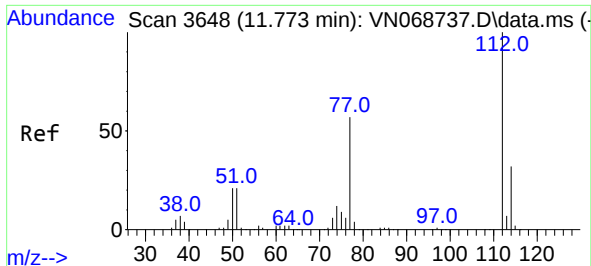
Tgt Ion: 95 Resp: 300929  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 122.0  
176 75.5 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

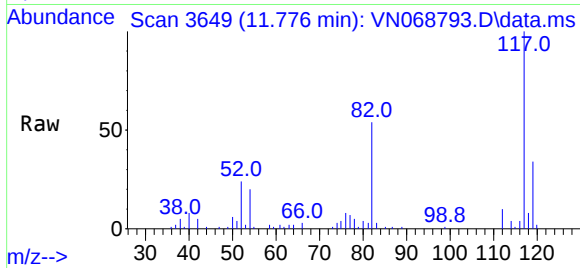
Tgt Ion: 117 Resp: 685632  
Ion Ratio Lower Upper  
117 100  
82 54.9 53.1 79.7  
119 31.7 25.5 38.3



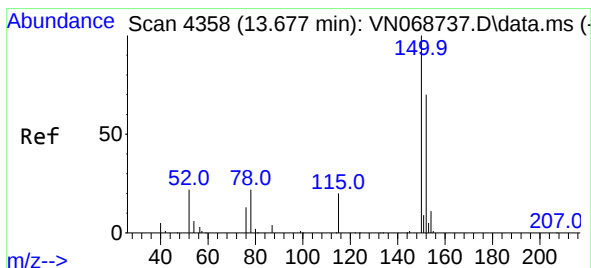
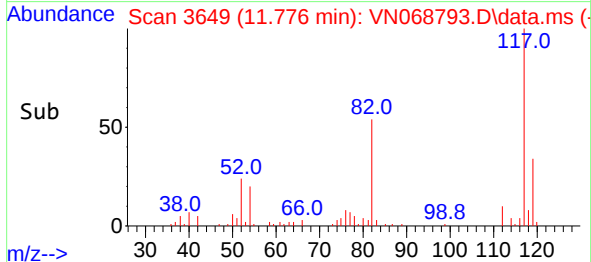
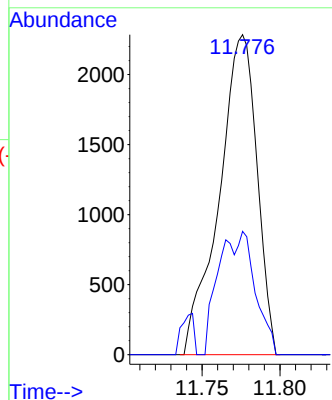


#65  
Chlorobenzene  
Concen: 0.247 ug/l  
RT: 11.776 min Scan# 3649  
Delta R.T. 0.003 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24

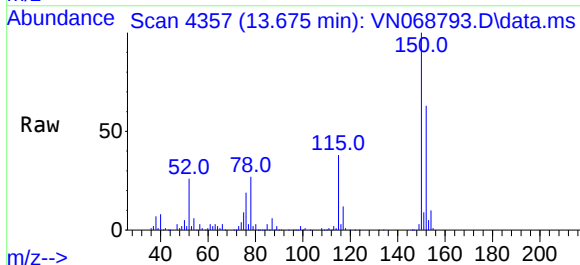
Instrument :  
MSVOA\_N  
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SW-RR-03(SA)



Tgt Ion:112 Resp: 3867  
Ion Ratio Lower Upper  
112 100  
114 38.6 24.6 37.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.002 min  
Lab File: VN068793.D  
Acq: 1 Oct 2021 19:24



Tgt Ion:152 Resp: 242895  
Ion Ratio Lower Upper  
152 100  
115 60.3 36.1 108.5  
150 157.2 0.0 351.8

