

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092421\  
 Data File : VN068649.D  
 Acq On : 24 Sep 2021 19:33  
 Operator : JC/MD  
 Sample : M3823-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DKM-ENV-IG

Quant Time: Sep 25 01:52:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 13:52:37 2021  
 Response via : Initial Calibration

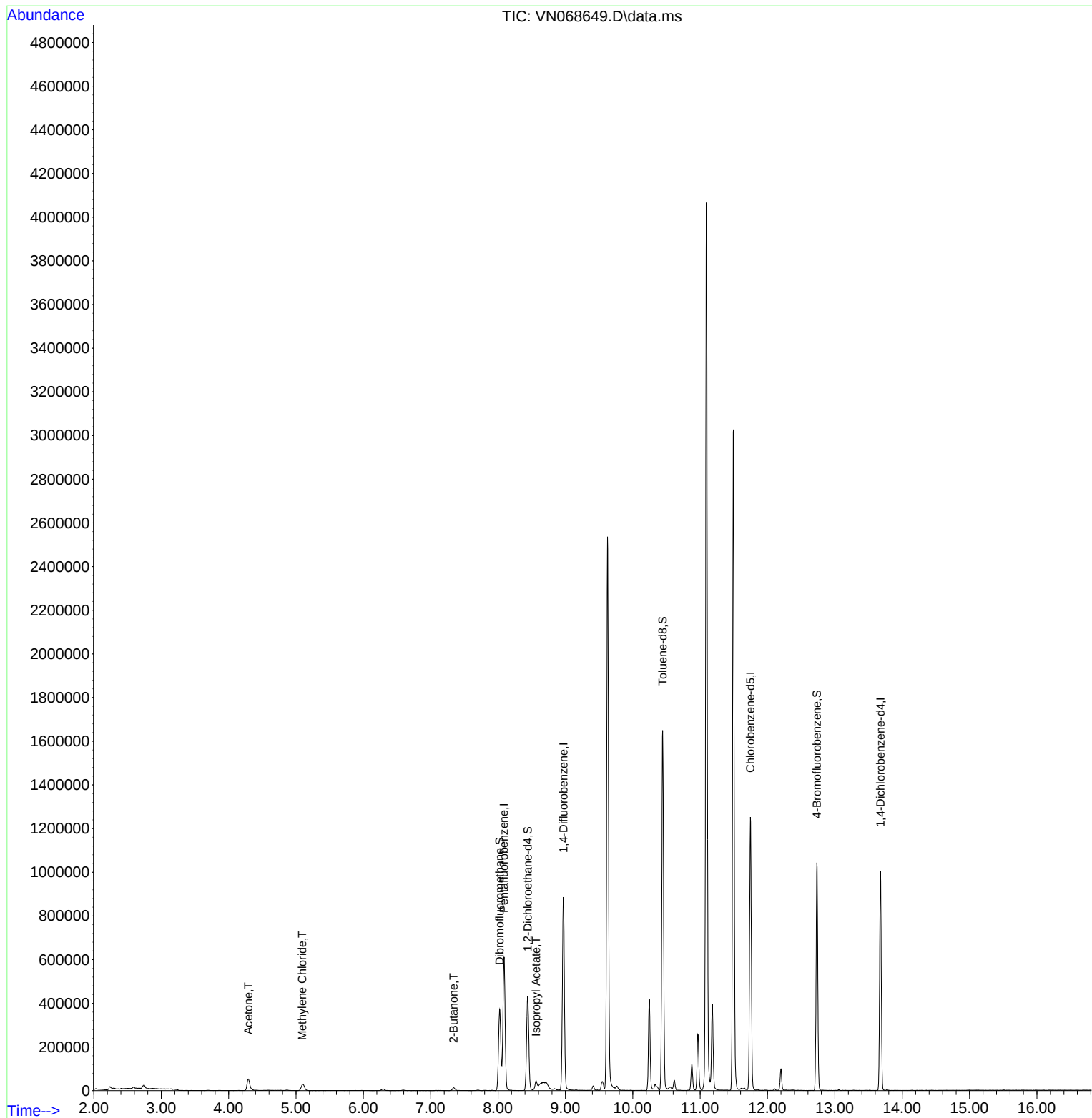
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 459297   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971     | 114   | 768697   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.747    | 117   | 709304   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678    | 152   | 255143   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 362926   | 50.654   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 101.300% |
| 35) Dibromofluoromethane    | 8.024     | 113   | 271319   | 52.774   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 105.540% |
| 50) Toluene-d8              | 10.443    | 98    | 1112726  | 51.040   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 102.080% |
| 62) 4-Bromofluorobenzene    | 12.734    | 95    | 338823   | 45.443   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 90.880%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.293     | 43    | 102785   | 29.400   | ug/l  | 96       |
| 20) Methylene Chloride      | 5.093     | 84    | 23189    | 2.375    | ug/l  | 95       |
| 25) 2-Butanone              | 7.340     | 43    | 23377    | 5.348    | ug/l  | 94       |
| 43) Isopropyl Acetate       | 8.563     | 43    | 53305    | 3.535    | ug/l  | # 87     |
| -----                       |           |       |          |          |       |          |

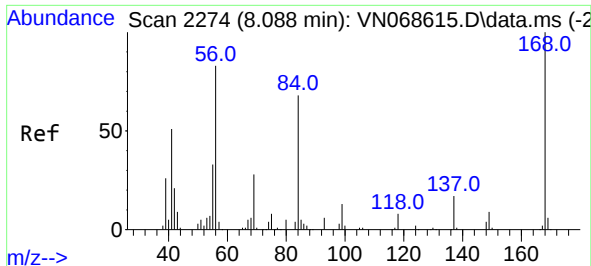
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
Quant Title : SW846 8260  
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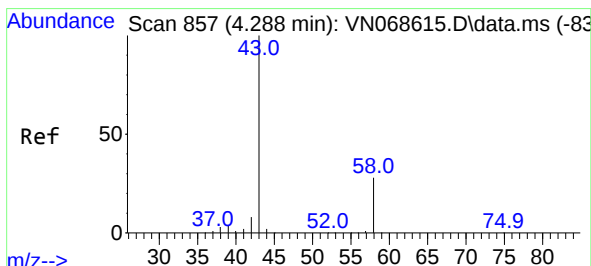
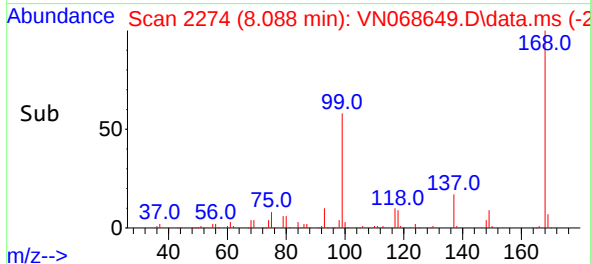
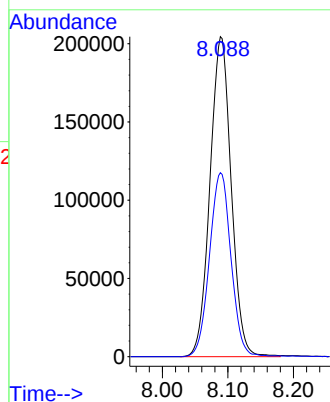
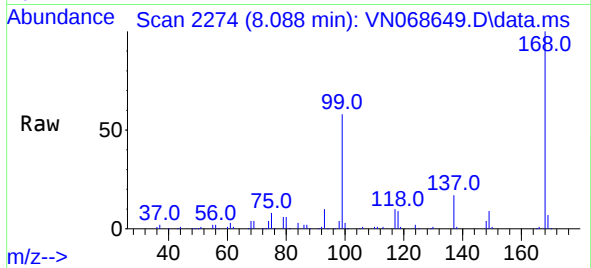




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

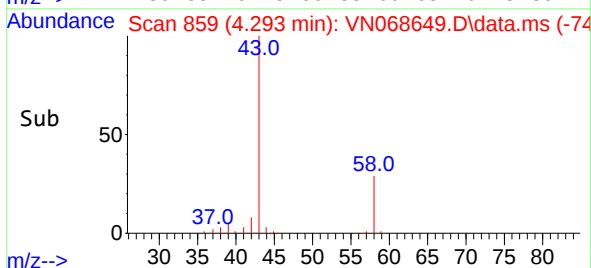
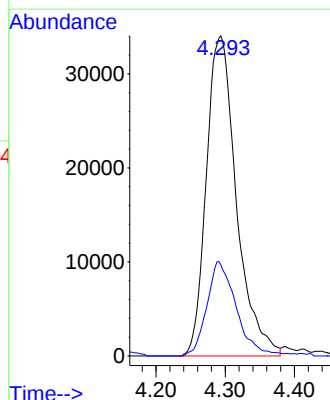
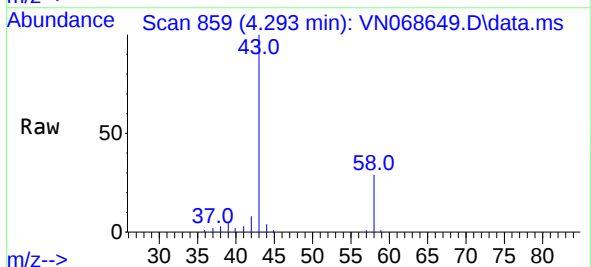
Instrument :  
MSVOA\_N  
ClientSampled :  
DKM-ENV-IG

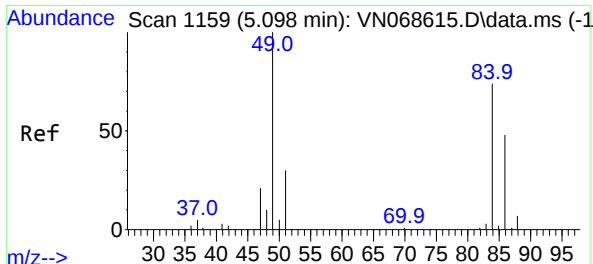
Tgt Ion:168 Resp: 459297  
Ion Ratio Lower Upper  
168 100  
99 57.5 62.9 94.3#



#16  
Acetone  
Concen: 29.400 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.005 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Tgt Ion: 43 Resp: 102785  
Ion Ratio Lower Upper  
43 100  
58 28.5 21.2 31.8



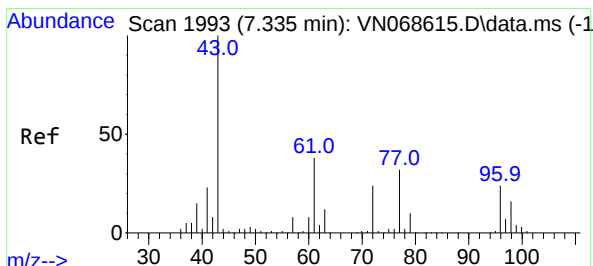
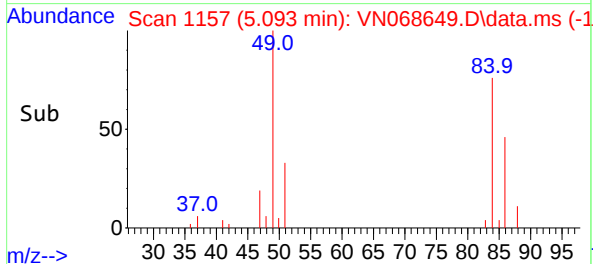
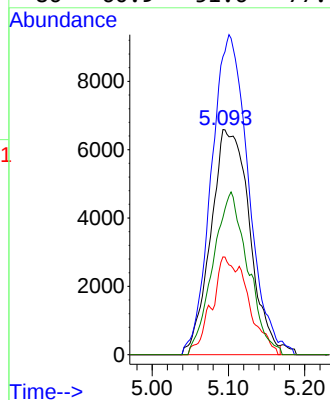
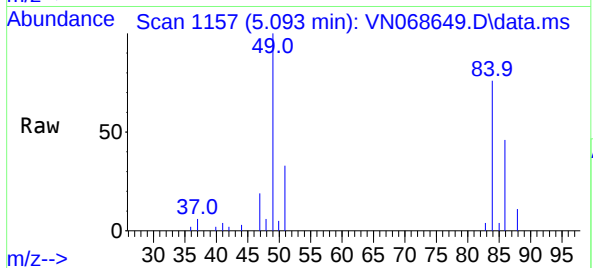


#20  
Methylene Chloride  
Concen: 2.375 ug/l  
RT: 5.093 min Scan# 1157  
Delta R.T. -0.005 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
DKM-ENV-IG

Tgt Ion: 84 Resp: 23189

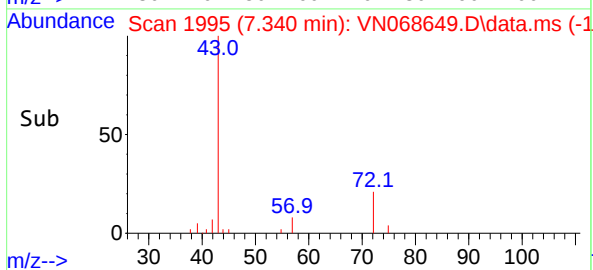
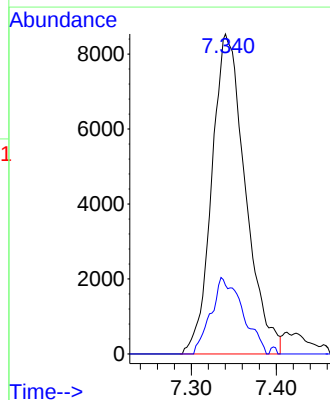
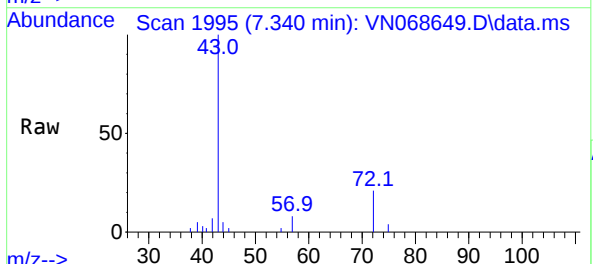
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 132.4 | 110.9 | 166.3 |
| 51  | 43.5  | 32.6  | 49.0  |
| 86  | 60.9  | 51.6  | 77.4  |

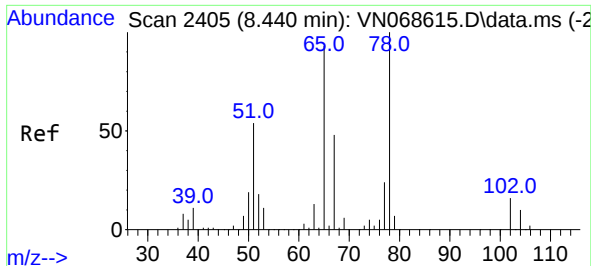


#25  
2-Butanone  
Concen: 5.348 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. 0.005 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Tgt Ion: 43 Resp: 23377

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 21.5  | 19.7  | 29.5  |



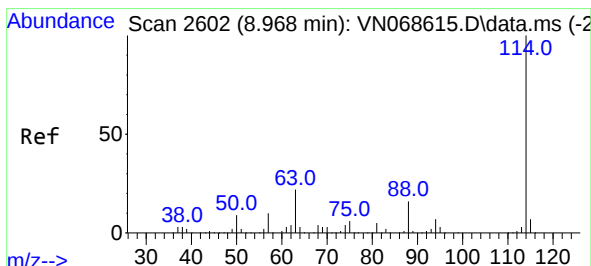
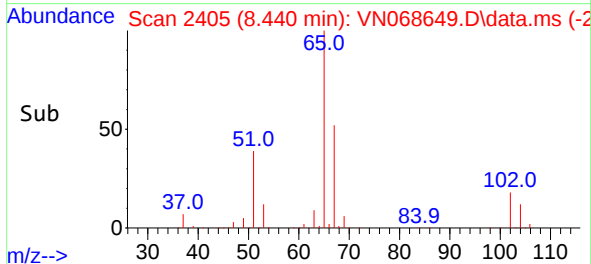
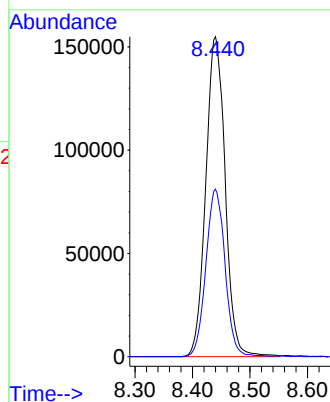
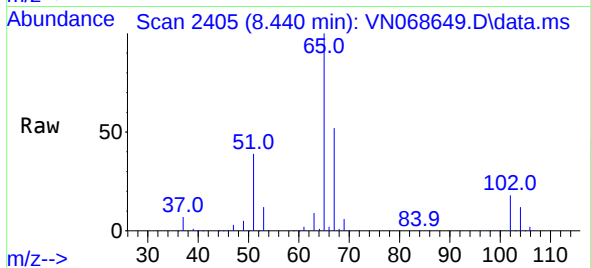


#33

1,2-Dichloroethane-d4  
Concen: 50.654 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
DKM-ENV-IG

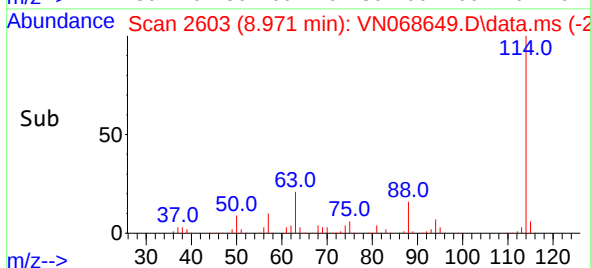
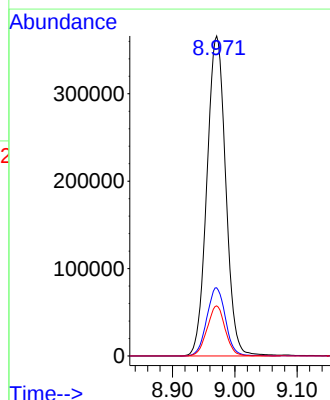
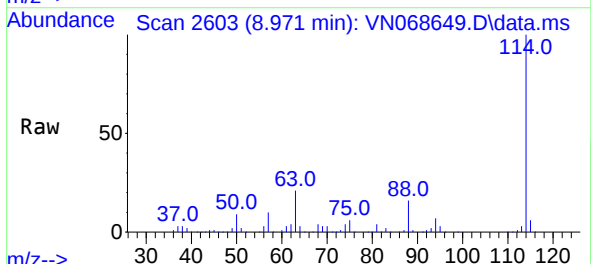
Tgt Ion: 65 Resp: 362926  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 98.6

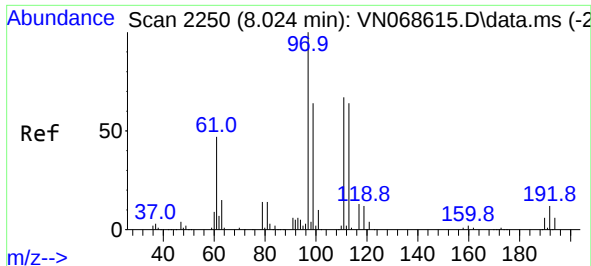


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Tgt Ion: 114 Resp: 768697  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 49.0  
88 15.6 0.0 36.6

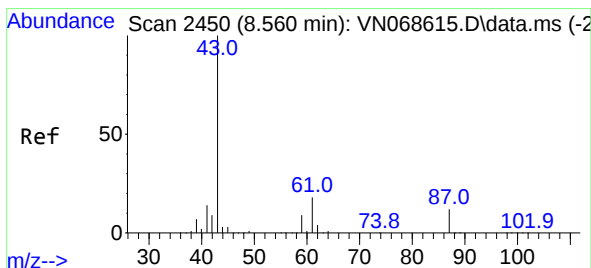
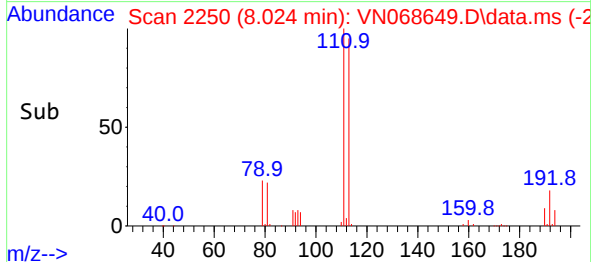
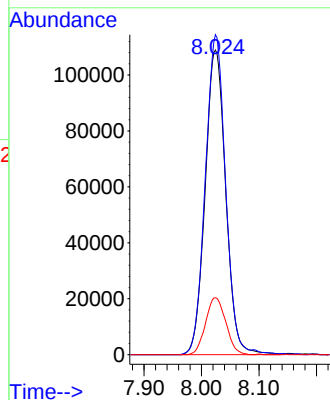
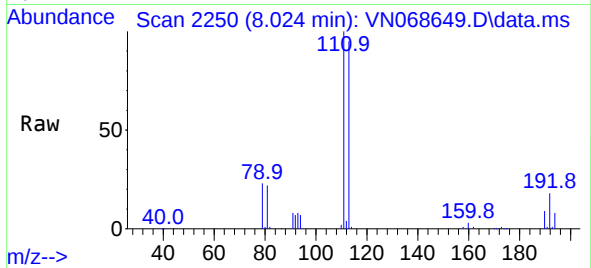




#35  
Dibromofluoromethane  
Concen: 52.774 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

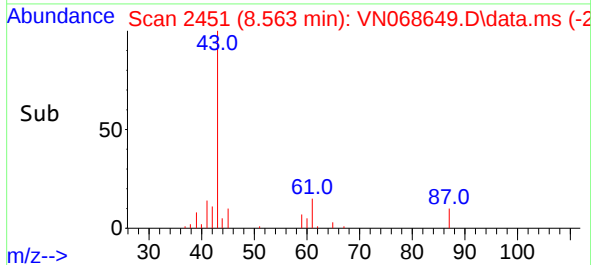
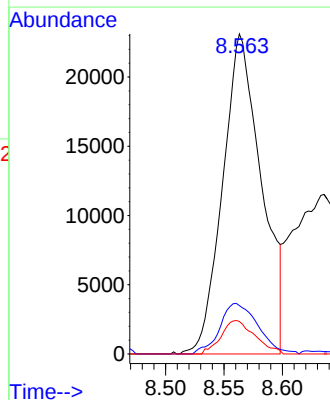
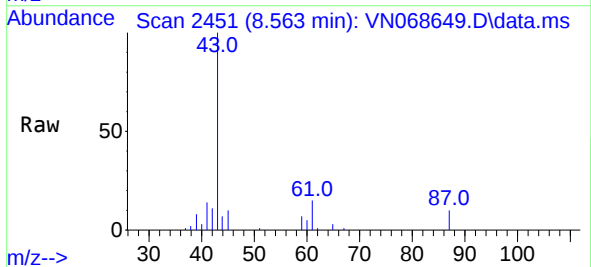
Instrument :  
MSVOA\_N  
ClientSampleId :  
DKM-ENV-IG

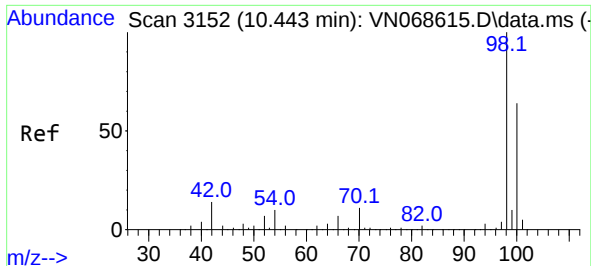
Tgt Ion:113 Resp: 271319  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.8 125.8  
192 18.4 13.4 20.0



#43  
Isopropyl Acetate  
Concen: 3.535 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Tgt Ion: 43 Resp: 53305  
Ion Ratio Lower Upper  
43 100  
61 15.6 19.0 28.4#  
87 9.1 9.5 14.3#

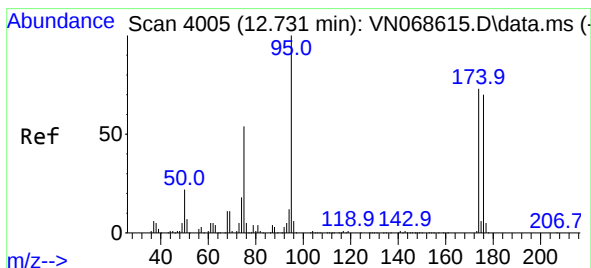
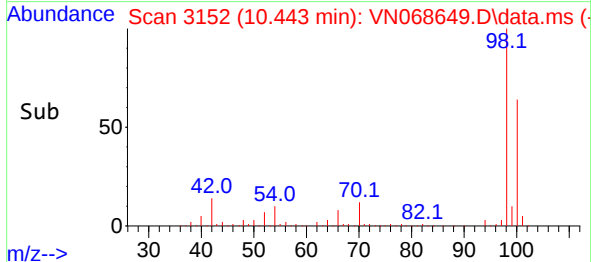
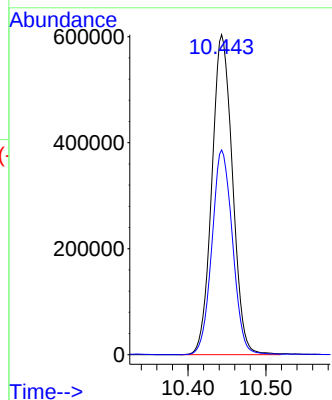
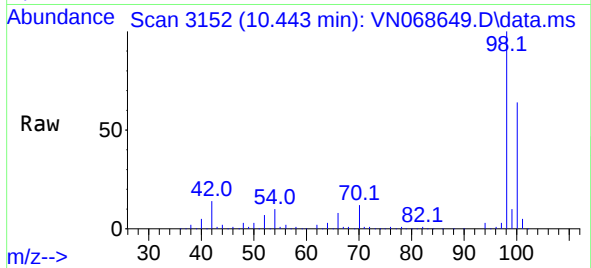




#50  
Toluene-d8  
Concen: 51.040 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

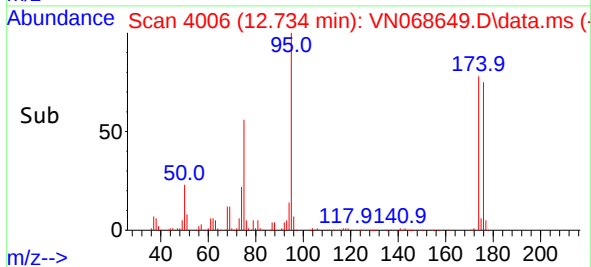
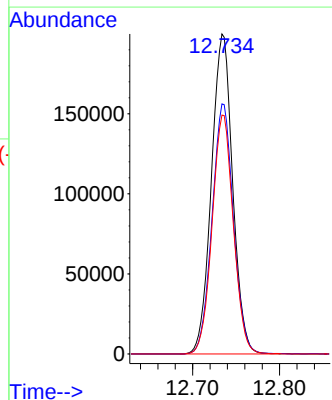
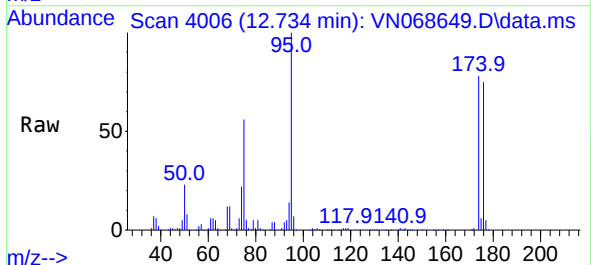
Instrument :  
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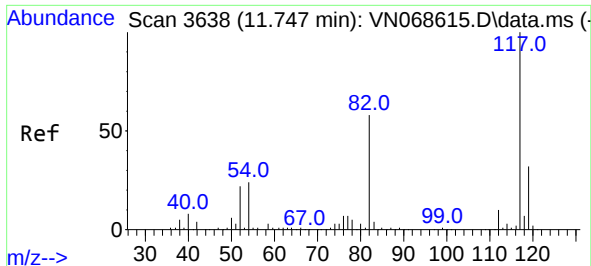
Tgt Ion: 98 Resp: 1112726  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 45.443 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.003 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Tgt Ion: 95 Resp: 338823  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 122.0  
176 74.7 0.0 117.6

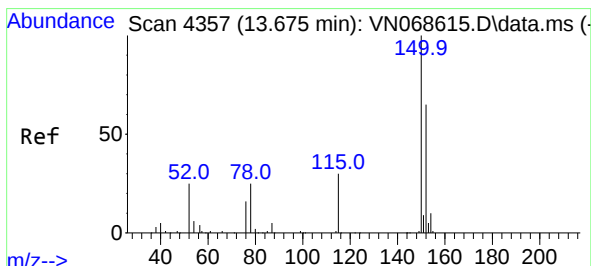
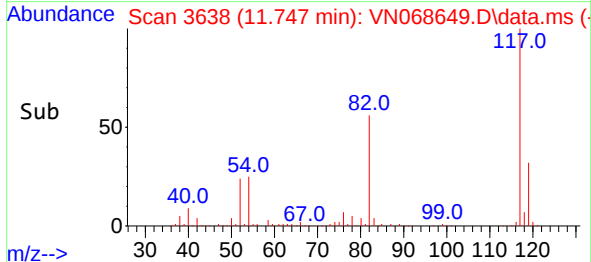
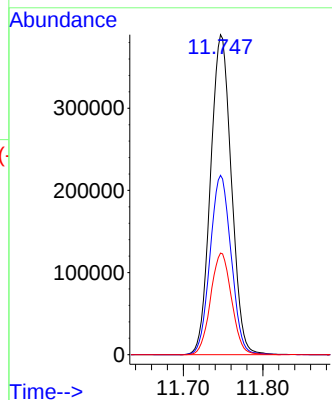
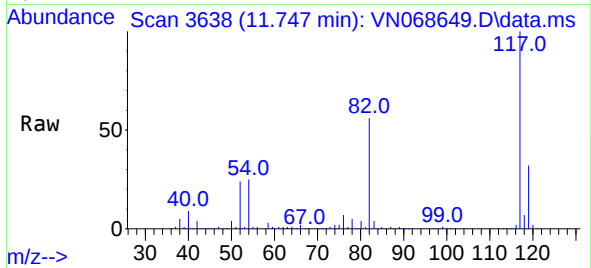




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Instrument :  
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DKM-ENV-IG

Tgt Ion:117 Resp: 709304  
Ion Ratio Lower Upper  
117 100  
82 56.0 53.1 79.7  
119 31.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN068649.D  
Acq: 24 Sep 2021 19:33

Tgt Ion:152 Resp: 255143  
Ion Ratio Lower Upper  
152 100  
115 60.6 36.1 108.5  
150 159.3 0.0 351.8

