

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081224\  
 Data File : VN083244.D  
 Acq On : 12 Aug 2024 17:49  
 Operator : JC\MD  
 Sample : P3429-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 926-K1-WS-073124

Quant Time: Aug 13 04:23:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

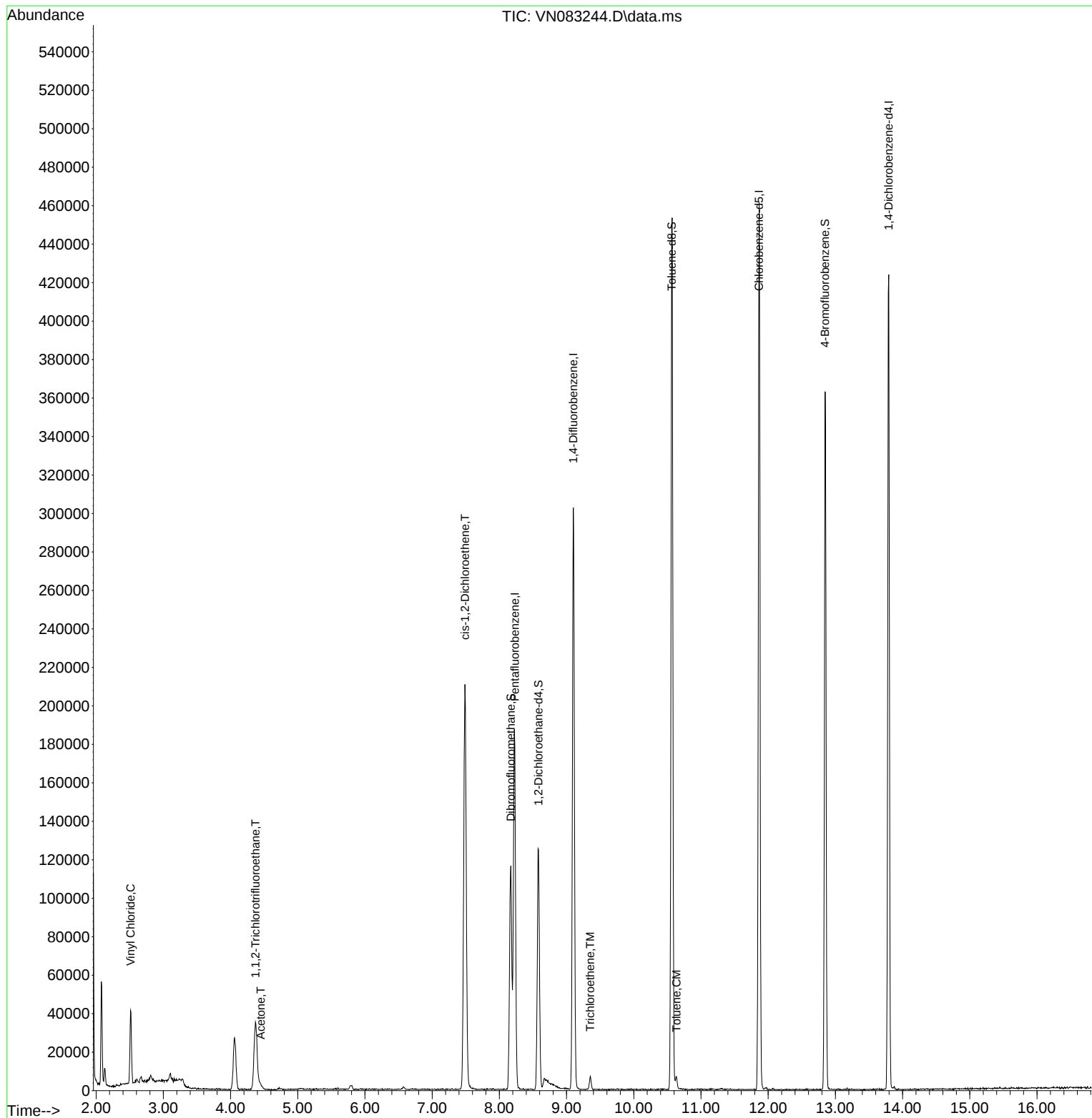
| Compound                     | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|------------------------------|--------|----------------|----------|------------|--------|----------|
| -----                        |        |                |          |            |        |          |
| Internal Standards           |        |                |          |            |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168            | 132573   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114            | 252049   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117            | 255948   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152            | 111123   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds  |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582  | 65             | 107359   | 56.893     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 74 - 125 | Recovery | = 113.780% |        |          |
| 35) Dibromofluoromethane     | 8.171  | 113            | 83806    | 53.270     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 75 - 124 | Recovery | = 106.540% |        |          |
| 50) Toluene-d8               | 10.565 | 98             | 314255   | 53.549     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 86 - 113 | Recovery | = 107.100% |        |          |
| 62) 4-Bromofluorobenzene     | 12.847 | 95             | 128801   | 56.297     | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 64 - 133 | Recovery | = 112.600% |        |          |
| Target Compounds             |        |                |          |            |        |          |
|                              |        |                |          |            |        | Qvalue   |
| 4) Vinyl Chloride            | 2.512  | 62             | 36262    | 23.089     | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101            | 24806    | 17.341     | ug/l   | 97       |
| 16) Acetone                  | 4.447  | 43             | 7480     | 10.130     | ug/l # | 88       |
| 27) cis-1,2-Dichloroethene   | 7.488  | 96             | 126110   | 68.805     | ug/l   | 83       |
| 44) Trichloroethene          | 9.353  | 130            | 2389     | 1.416      | ug/l   | 98       |
| 52) Toluene                  | 10.635 | 92             | 2848     | 0.636      | ug/l   | 94       |
| -----                        |        |                |          |            |        |          |

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

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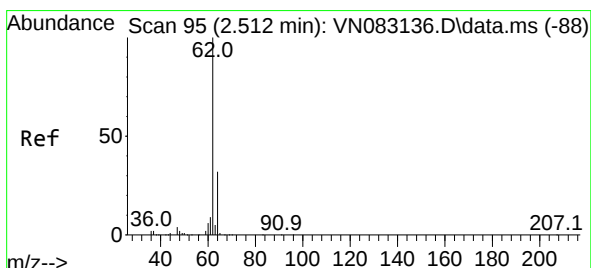
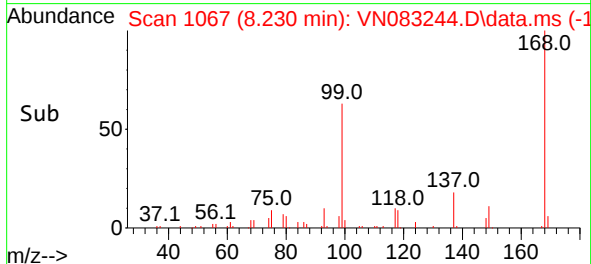
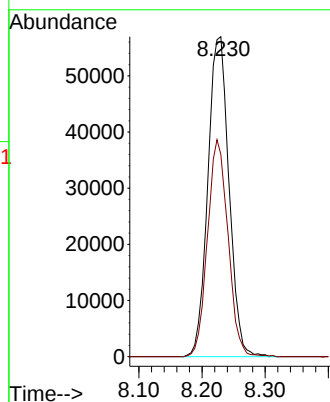
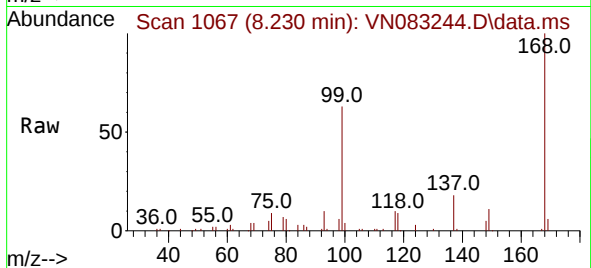




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

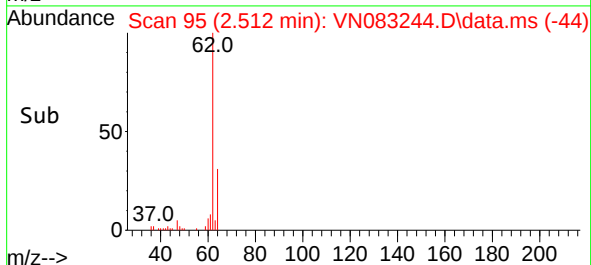
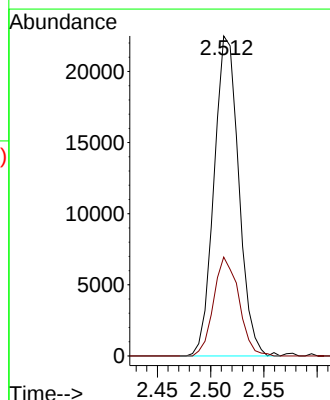
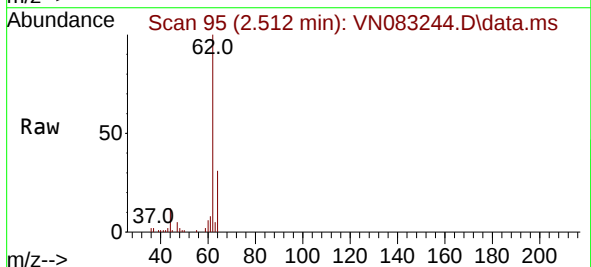
Instrument :  
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ClientSampleId :  
926-K1-WS-073124

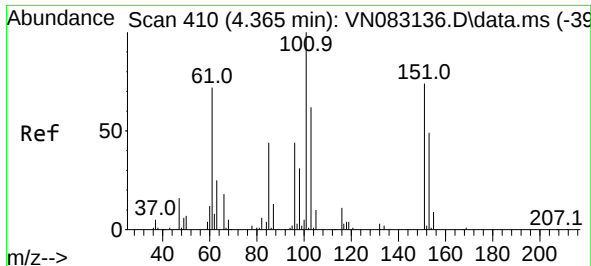
Tgt Ion:168 Resp: 132573  
Ion Ratio Lower Upper  
168 100  
99 63.2 48.2 72.4



#4  
Vinyl Chloride  
Concen: 23.089 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

Tgt Ion: 62 Resp: 36262  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.0 37.6

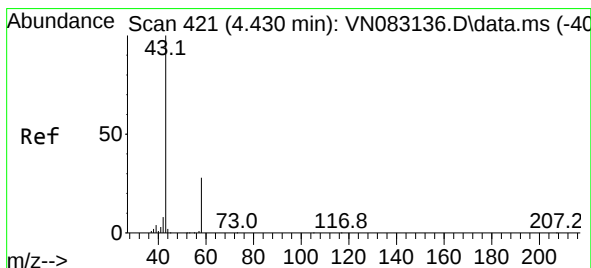
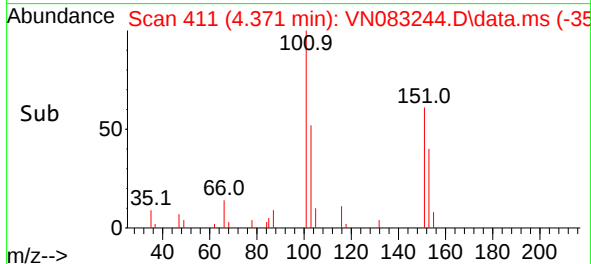
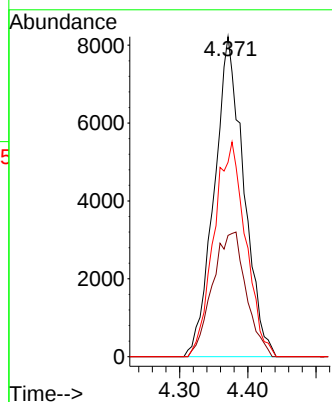
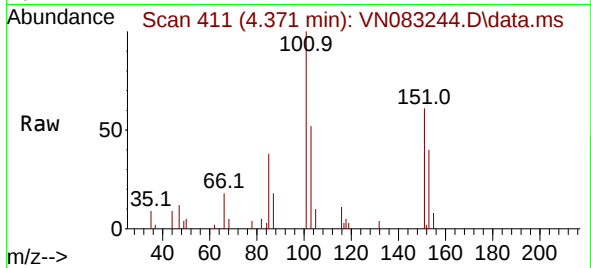




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.341 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

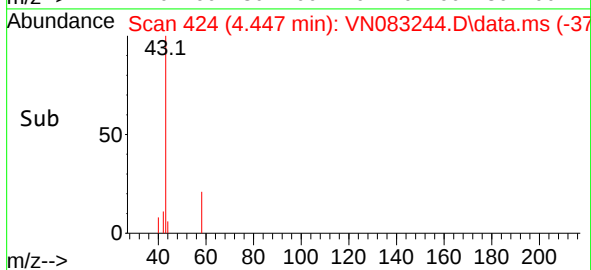
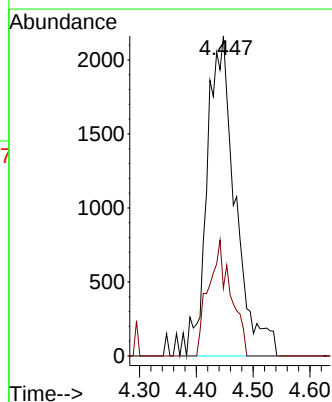
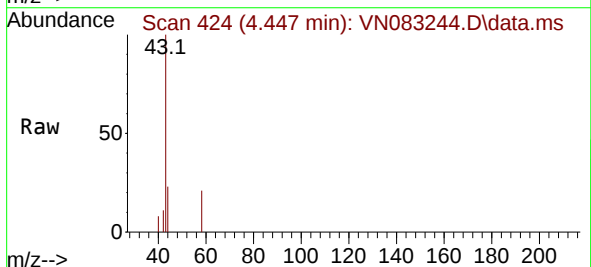
Instrument :  
MSVOA\_N  
ClientSampleId :  
926-K1-WS-073124

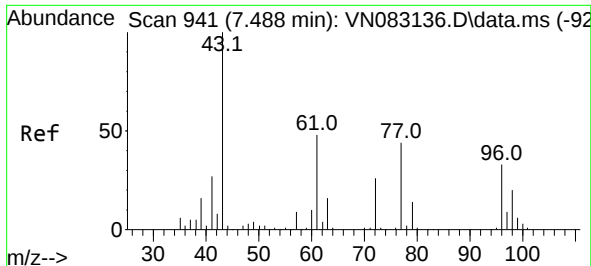
| Tgt Ion | 101   | Resp  | 24806 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 101     | 100   |       |       |
| 85      | 44.2  | 38.3  | 57.5  |
| 151     | 72.2  | 59.3  | 88.9  |



#16  
Acetone  
Concen: 10.130 ug/l  
RT: 4.447 min Scan# 424  
Delta R.T. 0.018 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

| Tgt Ion | 43    | Resp  | 7480  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 58      | 21.2  | 21.8  | 32.6  |

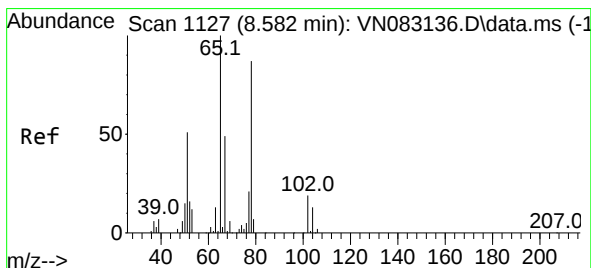
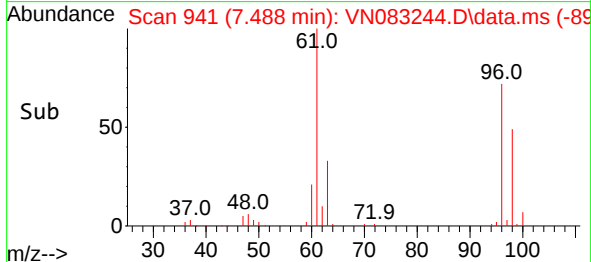
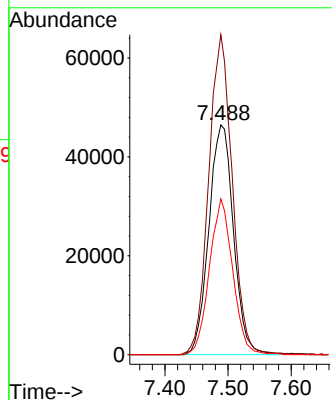
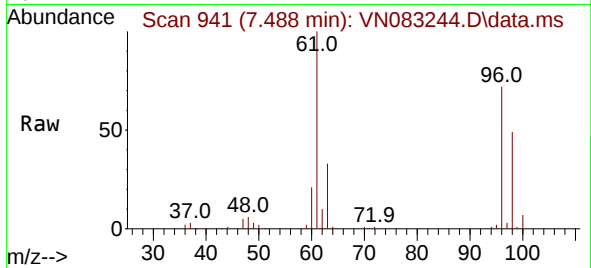




#27  
 cis-1,2-Dichloroethene  
 Concen: 68.805 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN083244.D  
 Acq: 12 Aug 2024 17:49

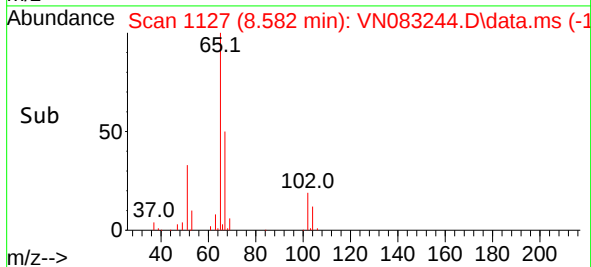
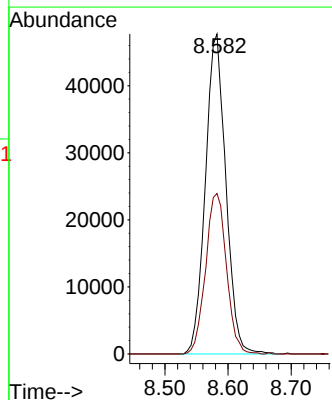
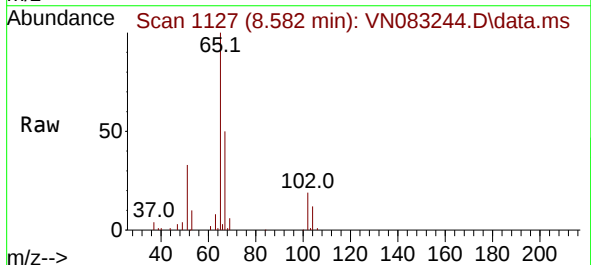
Instrument :  
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 926-K1-WS-073124

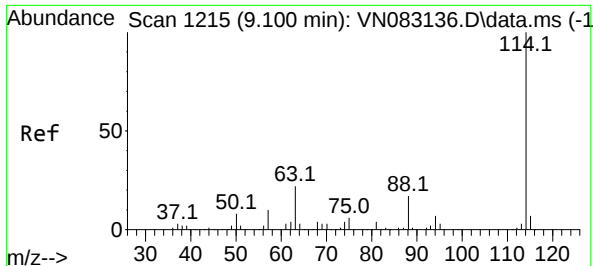
Tgt Ion: 96 Resp: 126110  
 Ion Ratio Lower Upper  
 96 100  
 61 133.1 0.0 329.6  
 98 63.8 0.0 128.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 56.893 ug/l  
 RT: 8.582 min Scan# 1127  
 Delta R.T. -0.000 min  
 Lab File: VN083244.D  
 Acq: 12 Aug 2024 17:49

Tgt Ion: 65 Resp: 107359  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083244.D

Acq: 12 Aug 2024 17:49

Instrument :

MSVOA\_N

ClientSampleId :

926-K1-WS-073124

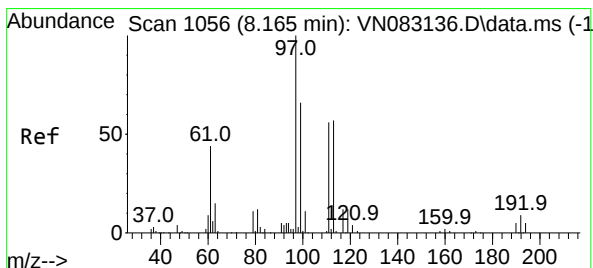
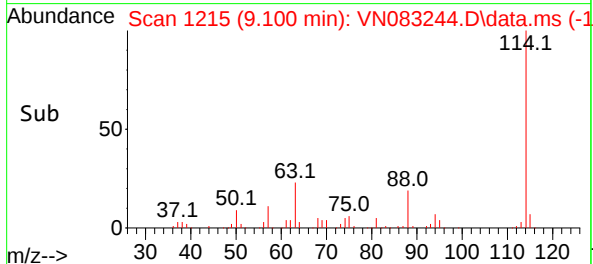
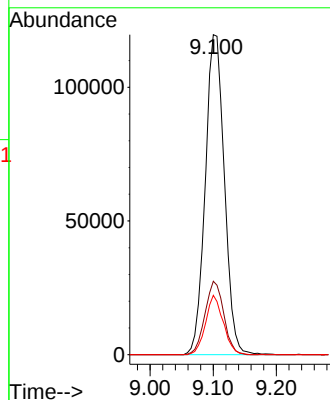
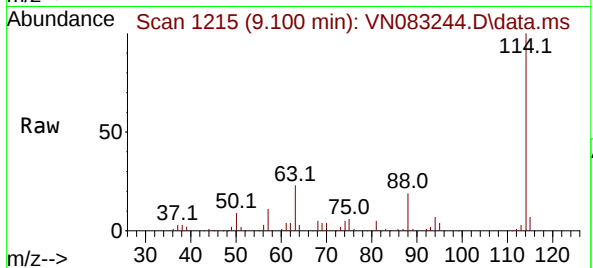
Tgt Ion:114 Resp: 252049

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 18.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.270 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083244.D

Acq: 12 Aug 2024 17:49

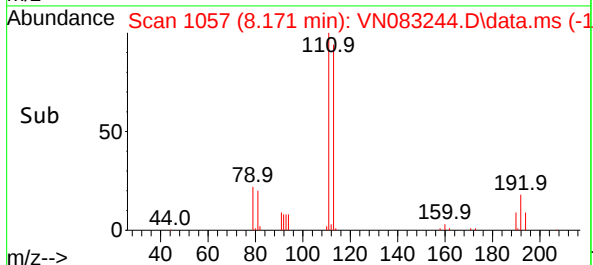
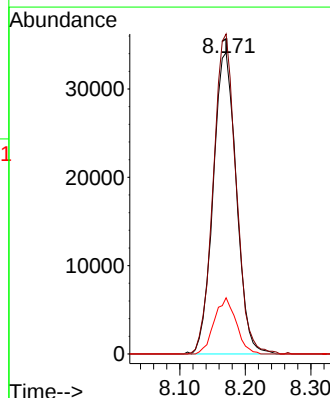
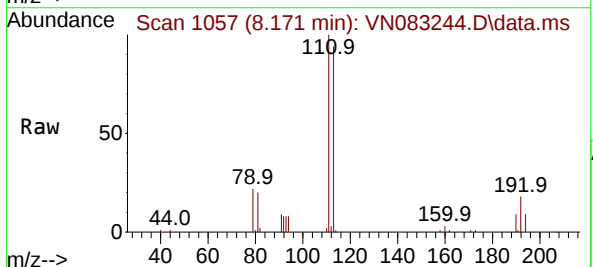
Tgt Ion:113 Resp: 83806

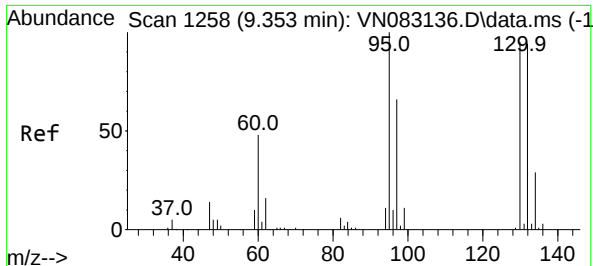
Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 17.6 14.9 22.3

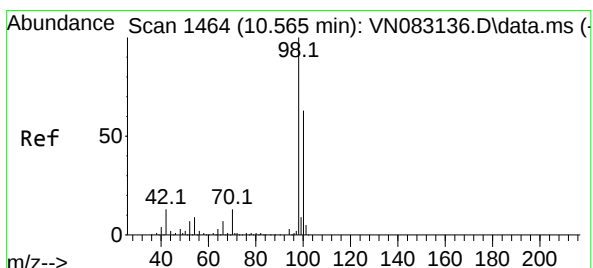
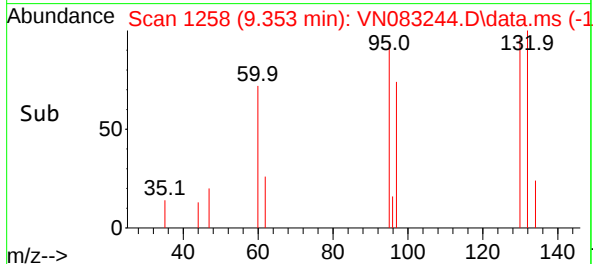
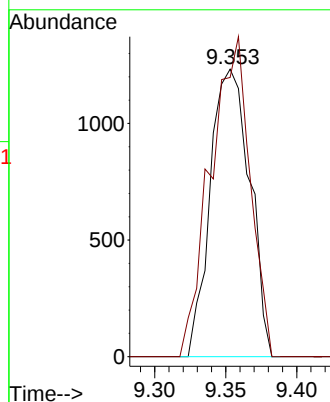
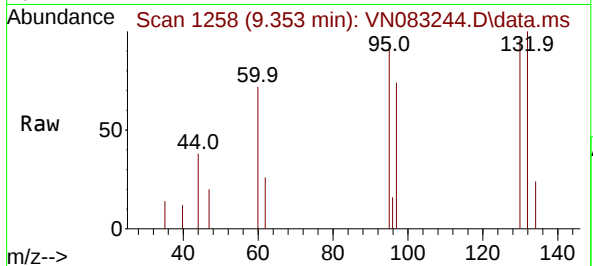




#44  
Trichloroethene  
Concen: 1.416 ug/l  
RT: 9.353 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

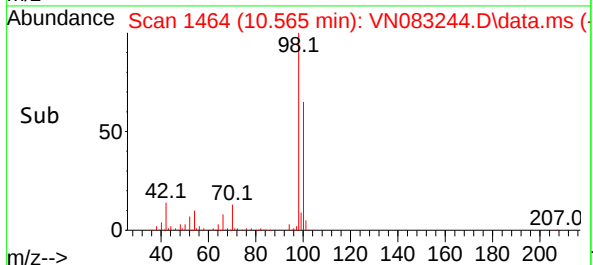
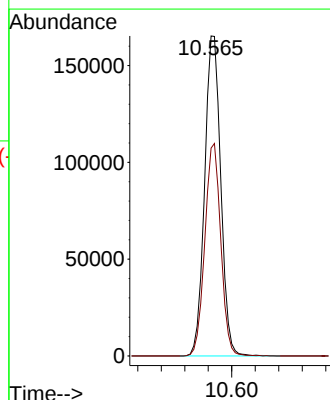
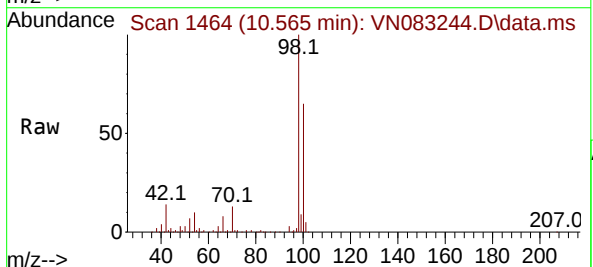
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926-K1-WS-073124

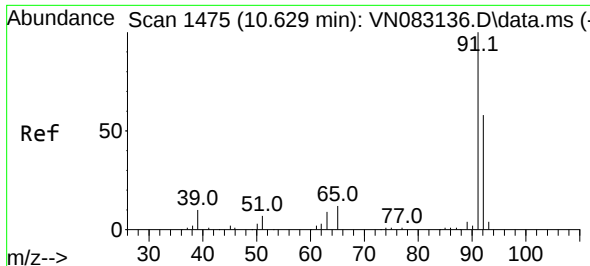
Tgt Ion:130 Resp: 2389  
Ion Ratio Lower Upper  
130 100  
95 97.1 0.0 197.8



#50  
Toluene-d8  
Concen: 53.549 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

Tgt Ion: 98 Resp: 314255  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.5 77.3

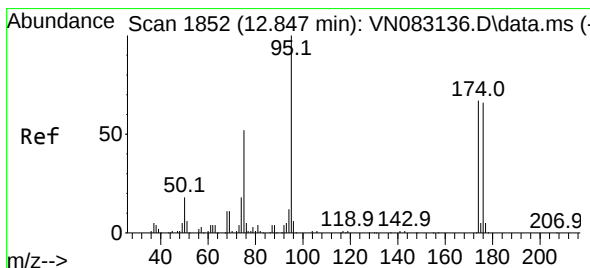
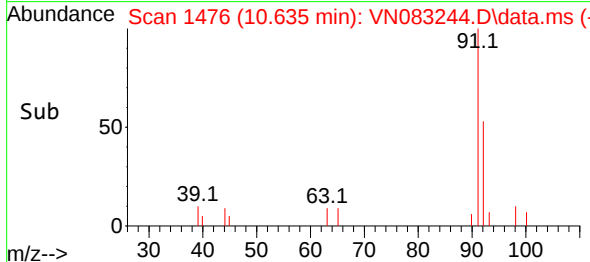
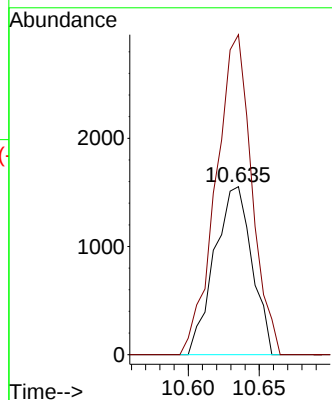
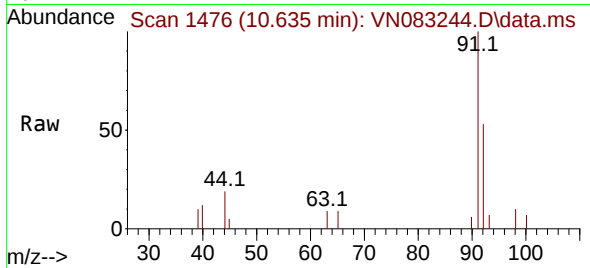




#52  
Toluene  
Concen: 0.636 ug/l  
RT: 10.635 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

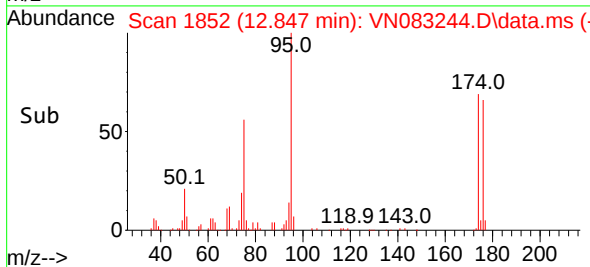
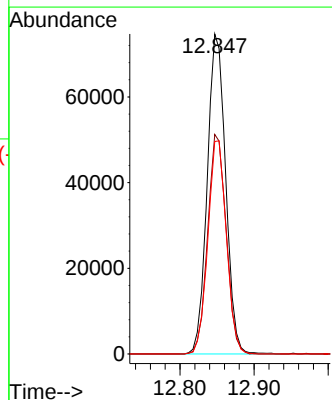
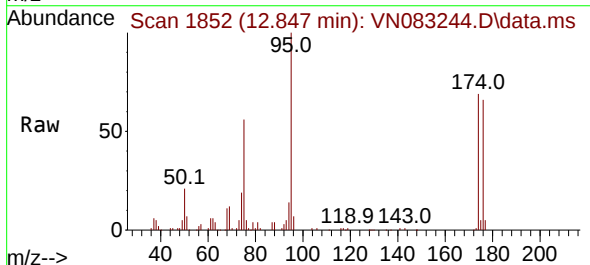
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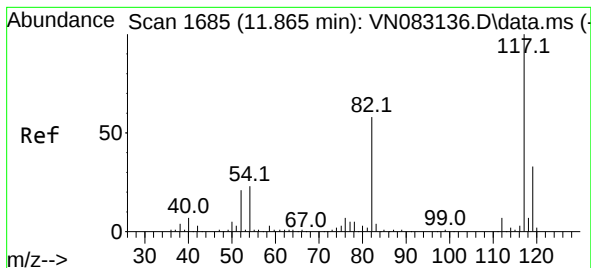
Tgt Ion: 92 Resp: 2848  
Ion Ratio Lower Upper  
92 100  
91 182.7 139.4 209.0



#62  
4-Bromofluorobenzene  
Concen: 56.297 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083244.D  
Acq: 12 Aug 2024 17:49

Tgt Ion: 95 Resp: 128801  
Ion Ratio Lower Upper  
95 100  
174 68.9 0.0 159.2  
176 67.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083244.D

Acq: 12 Aug 2024 17:49

Instrument :

MSVOA\_N

ClientSampleId :

926-K1-WS-073124

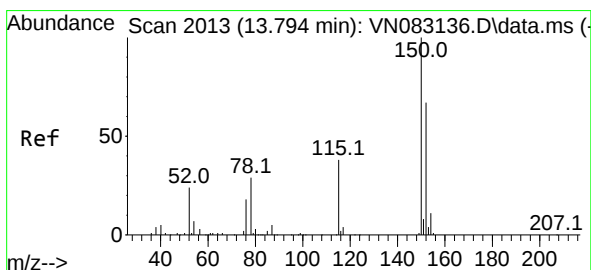
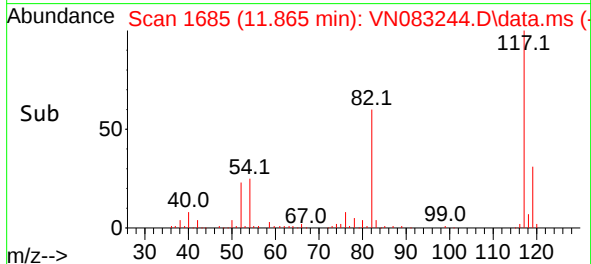
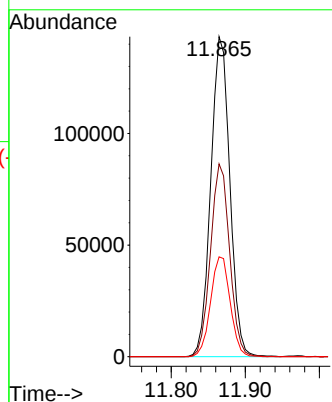
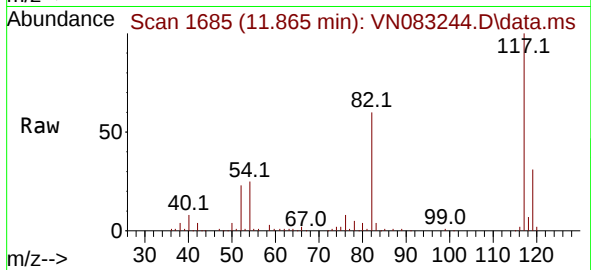
Tgt Ion:117 Resp: 255948

Ion Ratio Lower Upper

117 100

82 60.2 47.5 71.3

119 31.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083244.D

Acq: 12 Aug 2024 17:49

Tgt Ion:152 Resp: 111123

Ion Ratio Lower Upper

152 100

115 64.6 30.6 91.6

150 159.8 0.0 348.6

