

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052022\  
 Data File : VX028874.D  
 Acq On : 21 May 2022 01:28  
 Operator : JC/MD  
 Sample : N2970-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB02-20220519

Quant Time: May 21 02:11:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

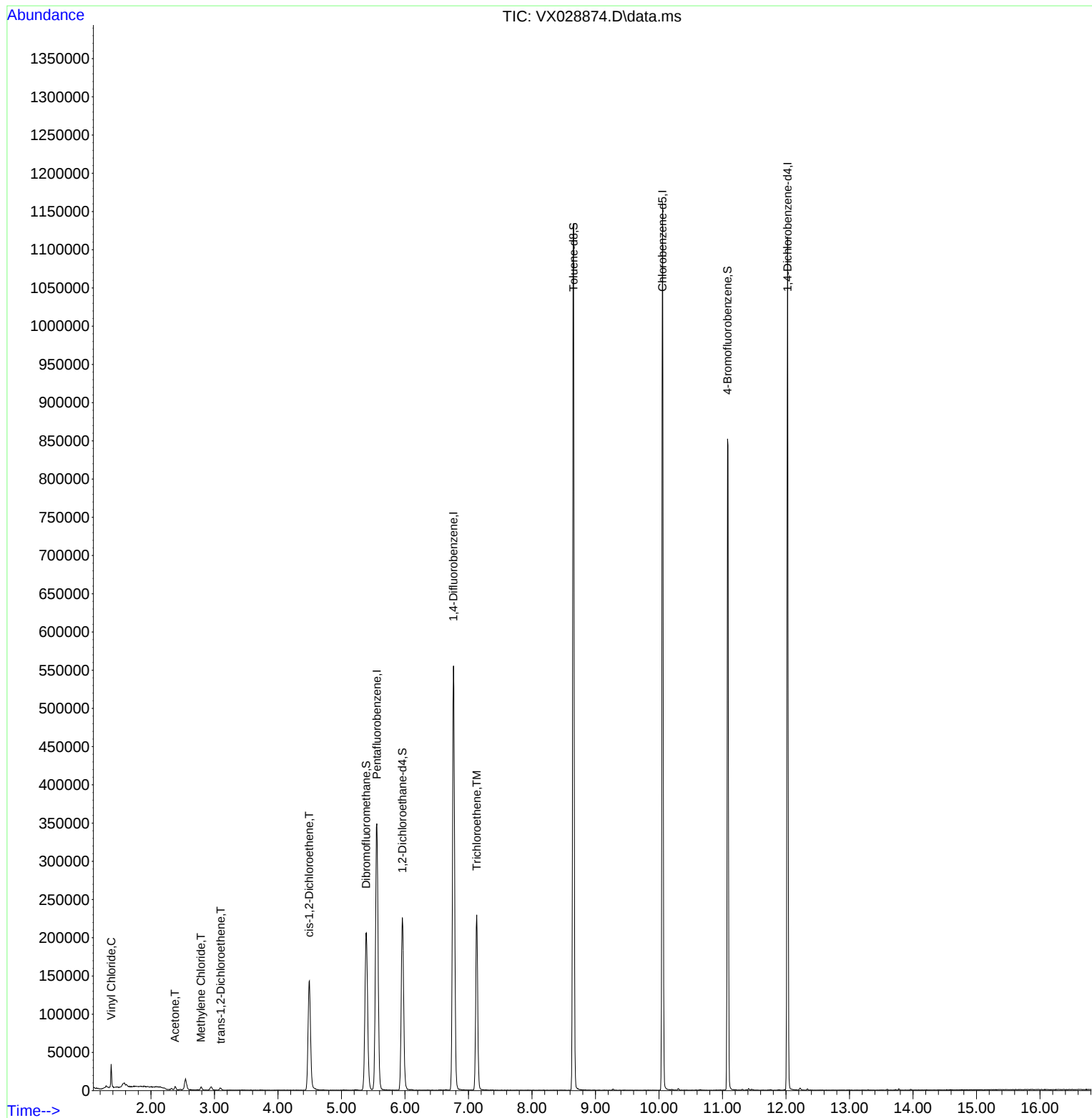
| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556     | 168   | 320838   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 563406   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 506549   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 217091   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 228139   | 51.874   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 61 - 141 | Recovery | = 103.740% |          |
| 35) Dibromofluoromethane     | 5.385     | 113   | 182784   | 49.517   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 69 - 133 | Recovery | = 99.040%  |          |
| 50) Toluene-d8               | 8.653     | 98    | 665565   | 47.824   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 65 - 126 | Recovery | = 95.640%  |          |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 239604   | 46.094   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 58 - 135 | Recovery | = 92.180%  |          |
| Target Compounds             |           |       |          |          |            |          |
|                              |           |       |          |          | Qvalue     |          |
| 4) Vinyl Chloride            | 1.374     | 62    | 17303    | 4.058    | ug/l       | 100      |
| 16) Acetone                  | 2.380     | 43    | 4592     | 2.433    | ug/l       | 90       |
| 20) Methylene Chloride       | 2.788     | 84    | 1752     | 0.442    | ug/l       | # 84     |
| 21) trans-1,2-Dichloroethene | 3.099     | 96    | 1235     | 0.330    | ug/l       | 84       |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 93325    | 21.364   | ug/l       | 90       |
| 44) Trichloroethene          | 7.129     | 130   | 88015    | 20.367   | ug/l       | 94       |
| -----                        |           |       |          |          |            |          |

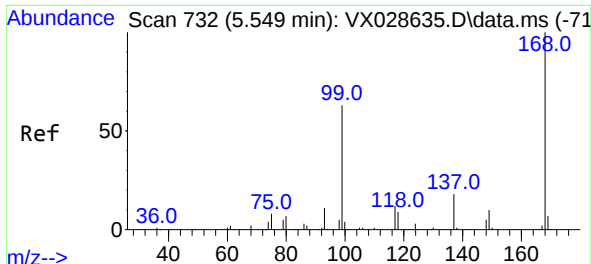
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
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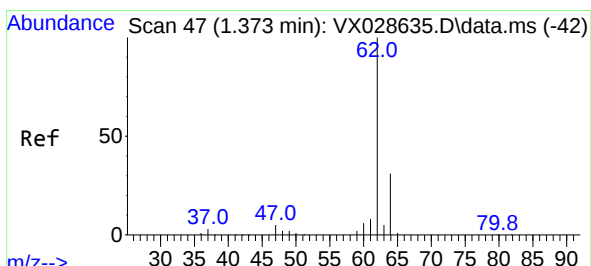
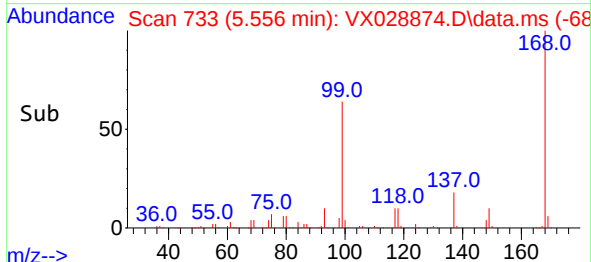
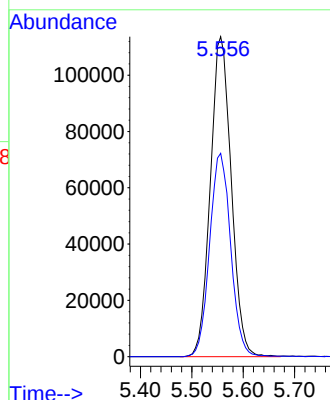
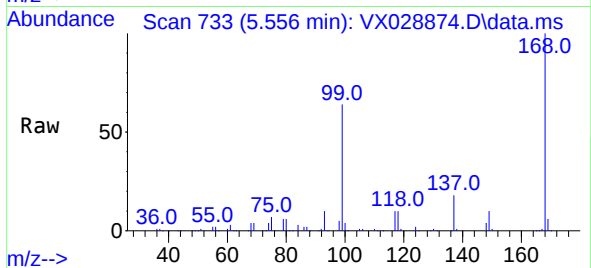




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

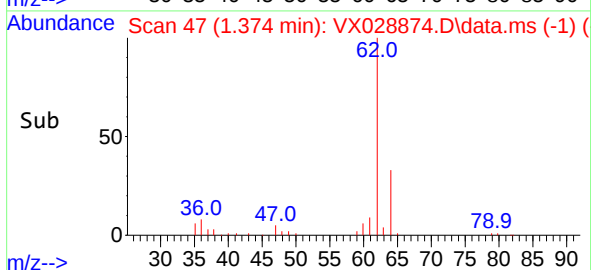
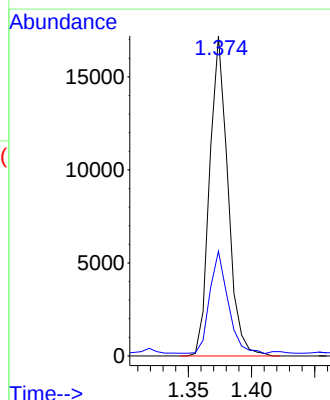
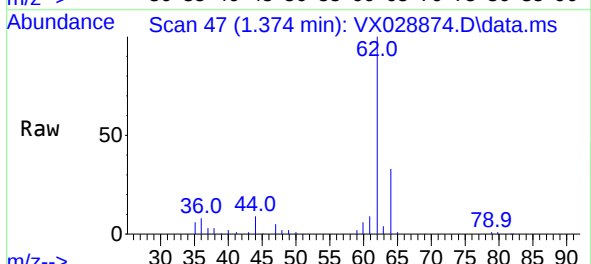
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB02-20220519

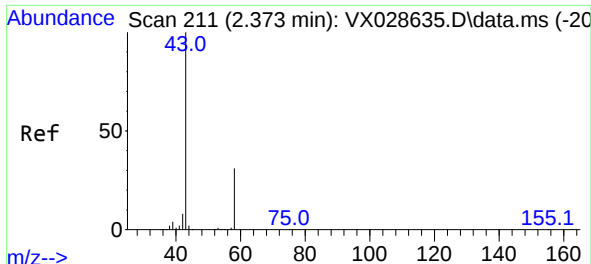
Tgt Ion:168 Resp: 320838  
Ion Ratio Lower Upper  
168 100  
99 63.6 41.7 62.5#



#4  
Vinyl Chloride  
Concen: 4.058 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

Tgt Ion: 62 Resp: 17303  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.5 38.3

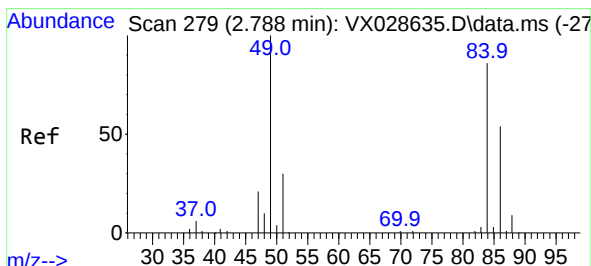
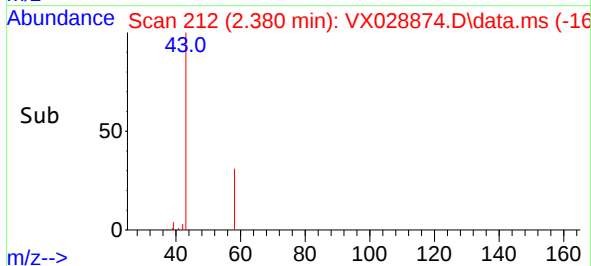
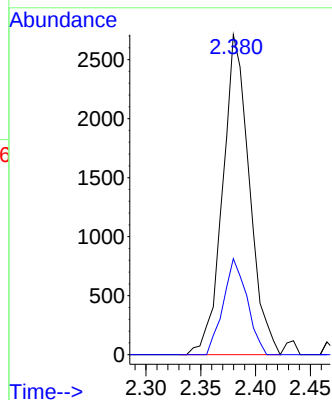
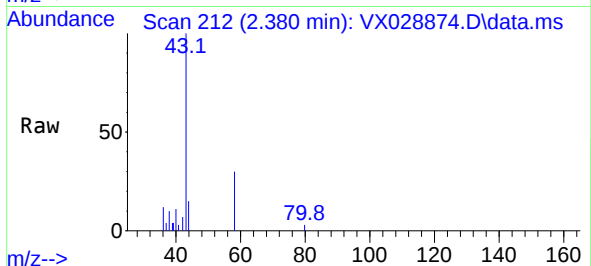




#16  
Acetone  
Concen: 2.433 ug/l  
RT: 2.380 min Scan# 211  
Delta R.T. 0.007 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

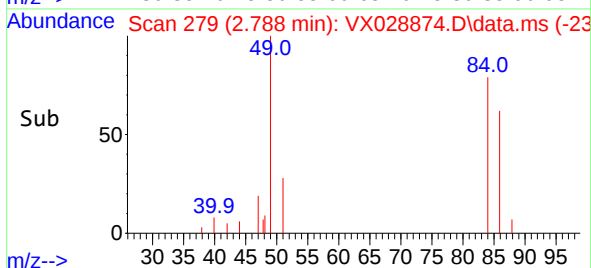
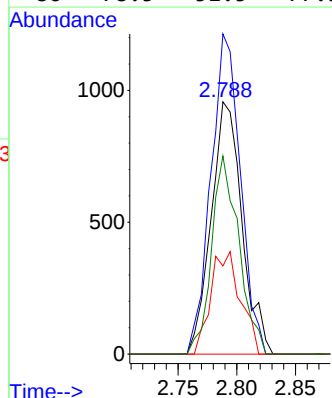
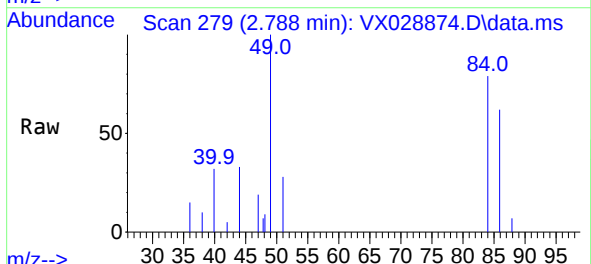
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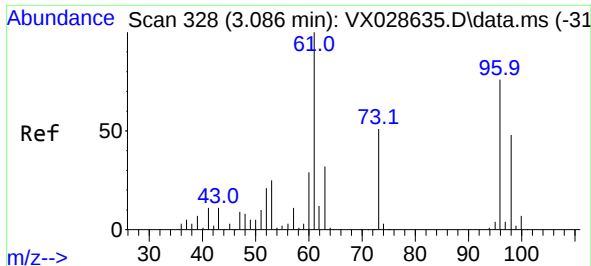
Tgt Ion: 43 Resp: 4592  
Ion Ratio Lower Upper  
43 100  
58 30.0 28.8 43.2



#20  
Methylene Chloride  
Concen: 0.442 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

Tgt Ion: 84 Resp: 1752  
Ion Ratio Lower Upper  
84 100  
49 126.9 85.5 128.3  
51 34.9 26.6 39.8  
86 78.5 51.5 77.3#

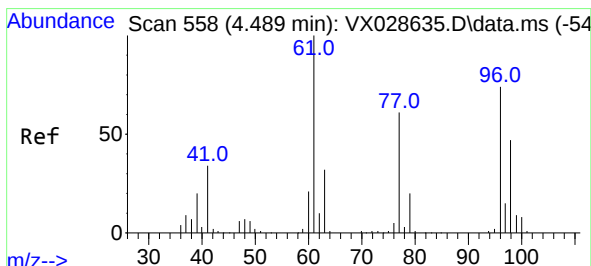
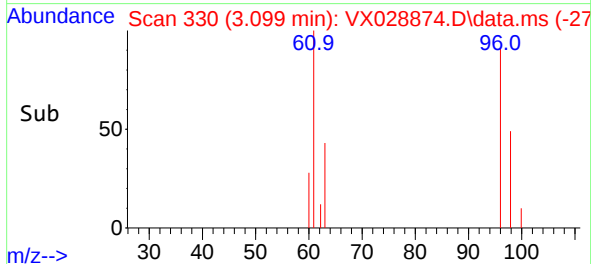
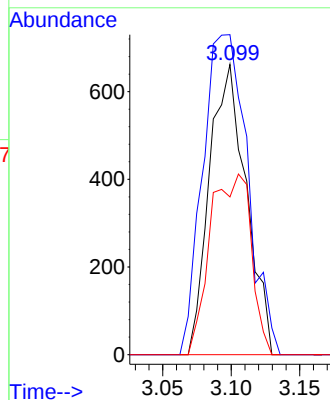
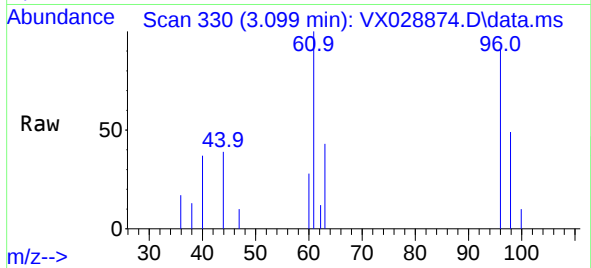




#21  
trans-1,2-Dichloroethene  
Concen: 0.330 ug/l  
RT: 3.099 min Scan# 31  
Delta R.T. 0.013 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

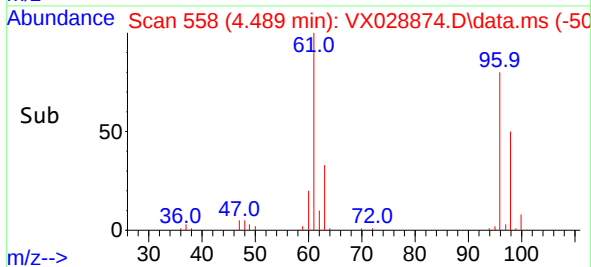
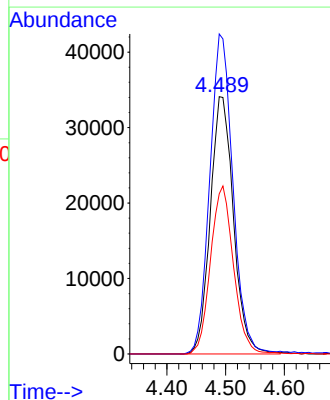
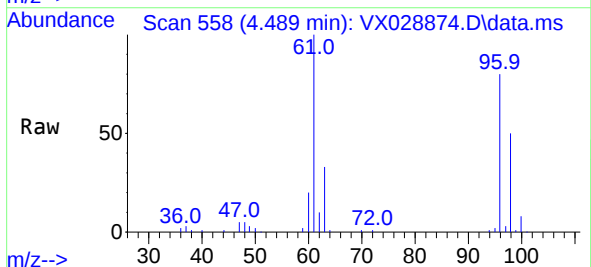
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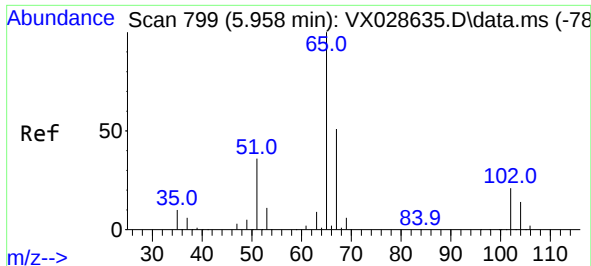
Tgt Ion: 96 Resp: 1235  
Ion Ratio Lower Upper  
96 100  
61 110.3 105.4 158.2  
98 54.4 50.0 75.0



#27  
cis-1,2-Dichloroethene  
Concen: 21.364 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

Tgt Ion: 96 Resp: 93325  
Ion Ratio Lower Upper  
96 100  
61 124.2 0.0 283.8  
98 64.8 0.0 129.8

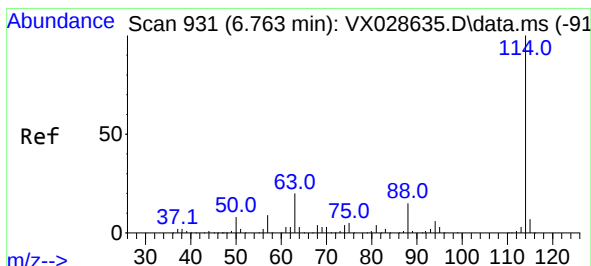
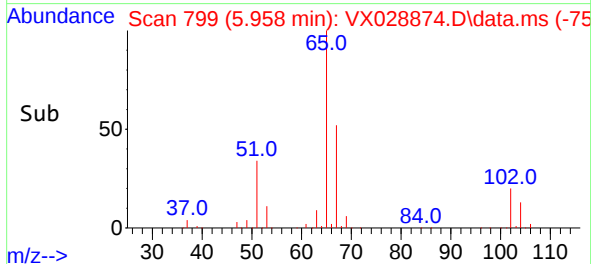
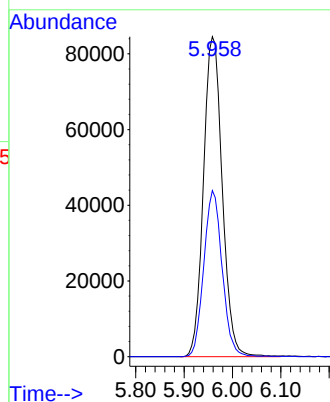
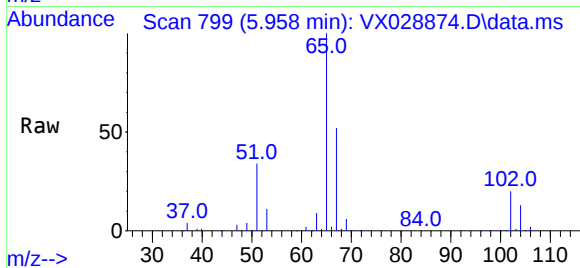




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.874 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX028874.D  
 Acq: 21 May 2022 01:28

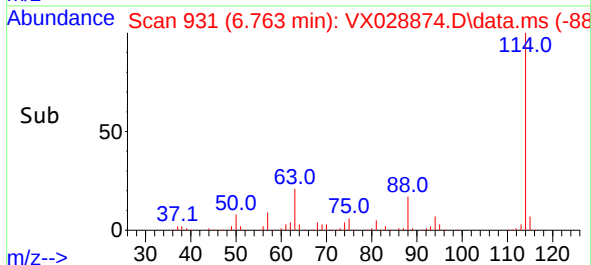
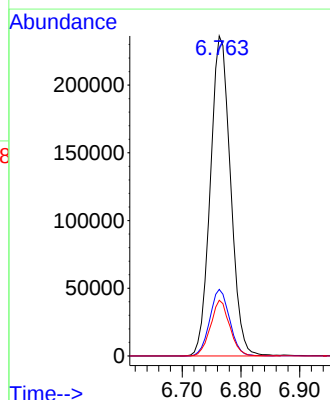
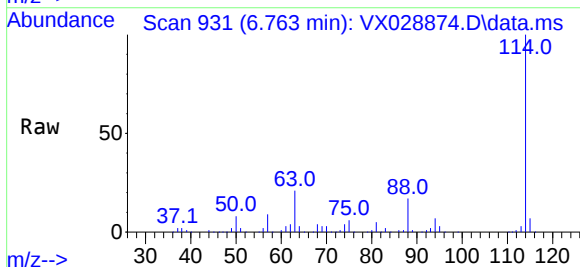
Instrument :  
 MSVOA\_X  
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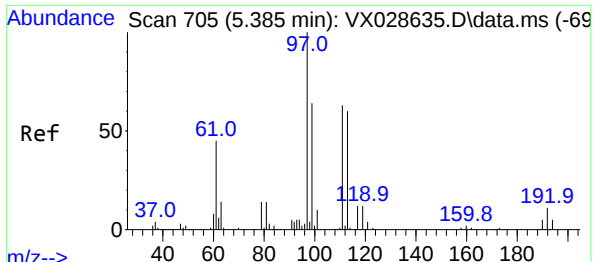
Tgt Ion: 65 Resp: 228139  
 Ion Ratio Lower Upper  
 65 100  
 67 50.6 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX028874.D  
 Acq: 21 May 2022 01:28

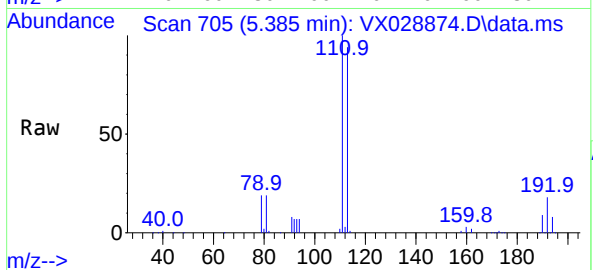
Tgt Ion: 114 Resp: 563406  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 36.8  
 88 17.4 0.0 32.4



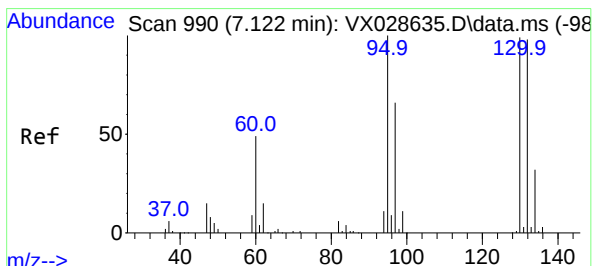
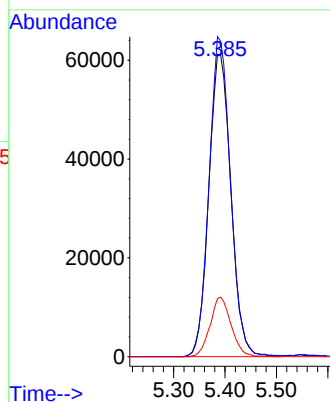
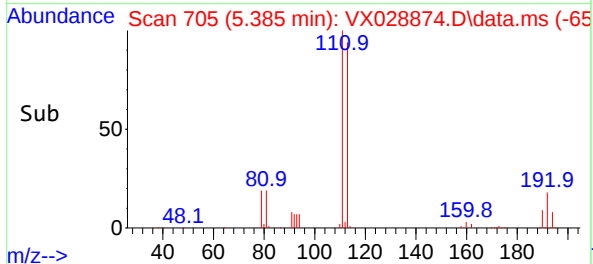


#35  
Dibromofluoromethane  
Concen: 49.517 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

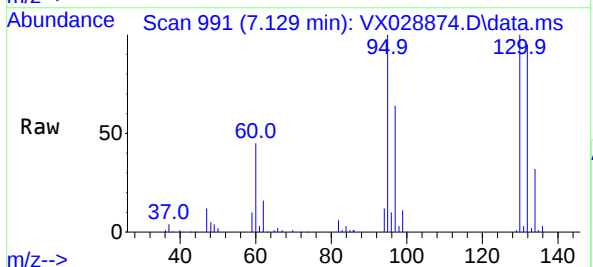
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MSVOA\_X  
ClientSampleId :  
TB02-20220519



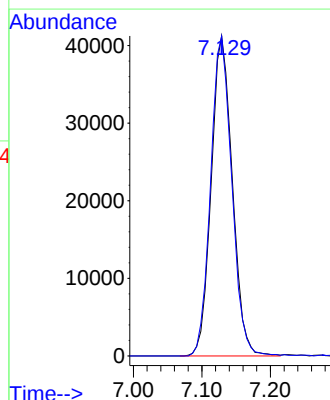
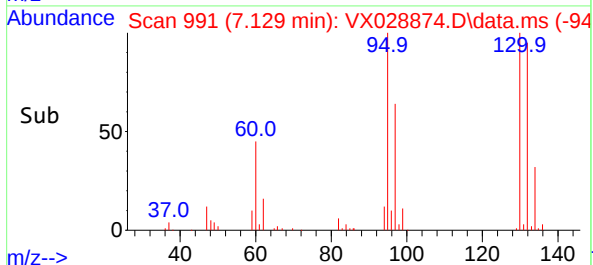
Tgt Ion:113 Resp: 182784  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.8 124.2  
192 18.7 16.9 25.3

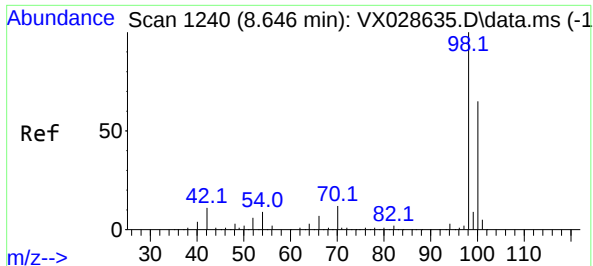


#44  
Trichloroethene  
Concen: 20.367 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.007 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28



Tgt Ion:130 Resp: 88015  
Ion Ratio Lower Upper  
130 100  
95 100.0 0.0 188.8

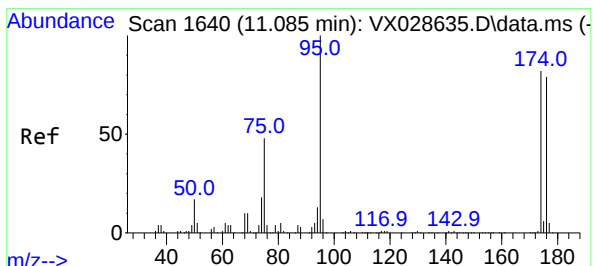
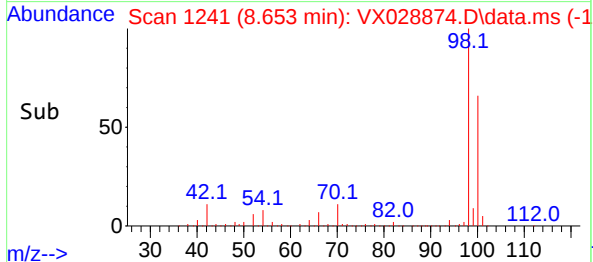
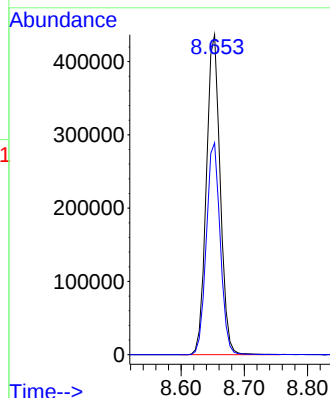
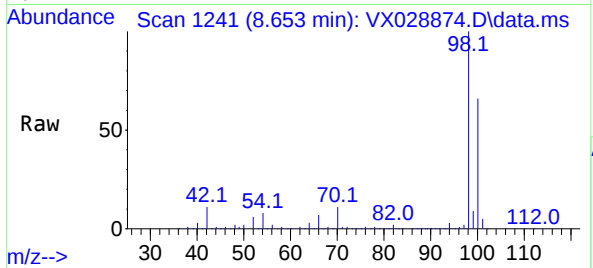




#50  
Toluene-d8  
Concen: 47.824 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

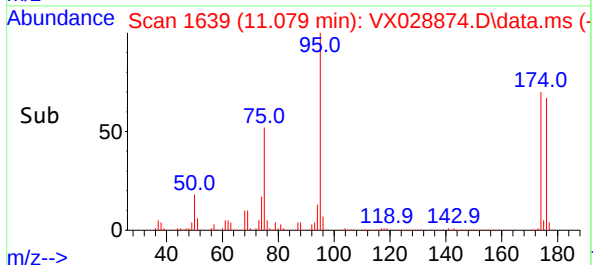
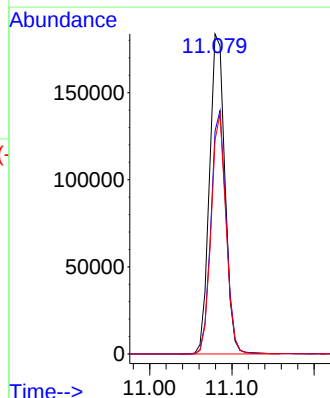
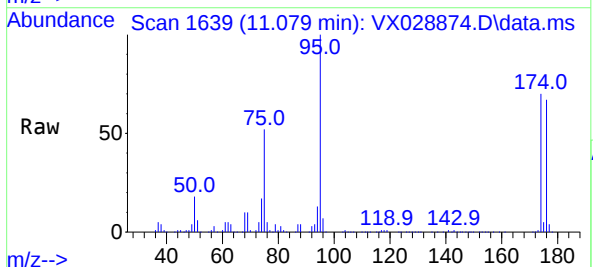
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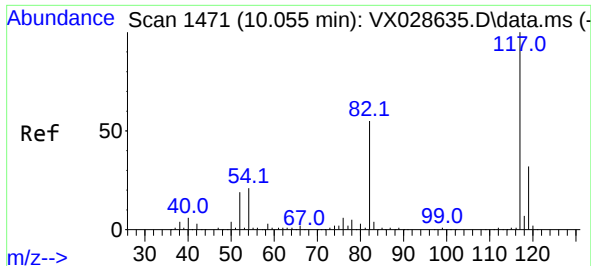
Tgt Ion: 98 Resp: 665565  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 46.094 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

Tgt Ion: 95 Resp: 239604  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 163.0  
176 72.3 0.0 155.0

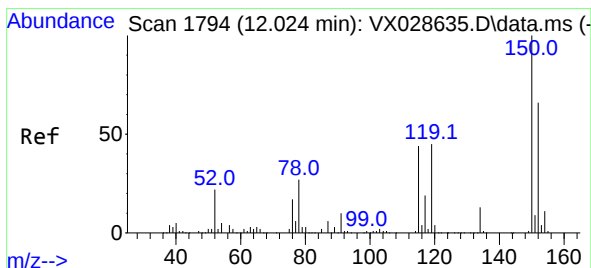
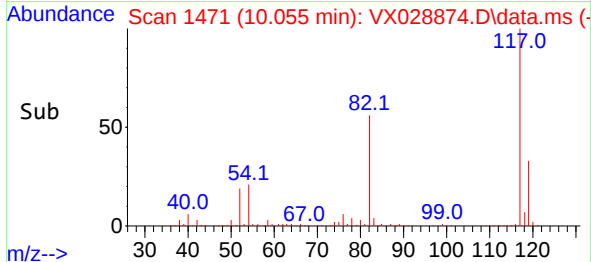
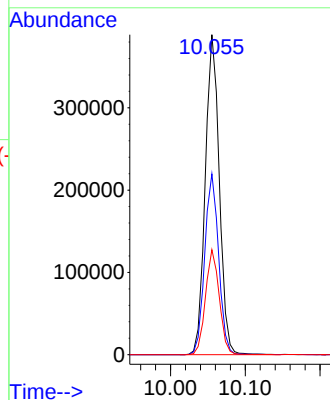
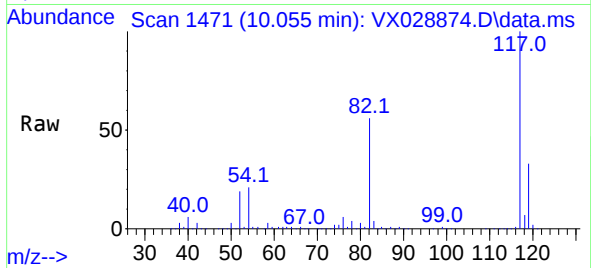




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB02-20220519

Tgt Ion:117 Resp: 506549  
Ion Ratio Lower Upper  
117 100  
82 56.5 41.8 62.8  
119 32.8 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028874.D  
Acq: 21 May 2022 01:28

Tgt Ion:152 Resp: 217091  
Ion Ratio Lower Upper  
152 100  
115 61.8 37.5 112.7  
150 156.7 0.0 338.2

