

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL012424\  
 Data File : VL041012.D  
 Acq On : 24 Jan 2024 12:11  
 Operator : SY/MD  
 Sample : VL0124ABL01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0124ABL01

Quant Time: Jan 25 03:17:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL012324AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Thu Jan 25 03:13:06 2024  
 Response via : Initial Calibration

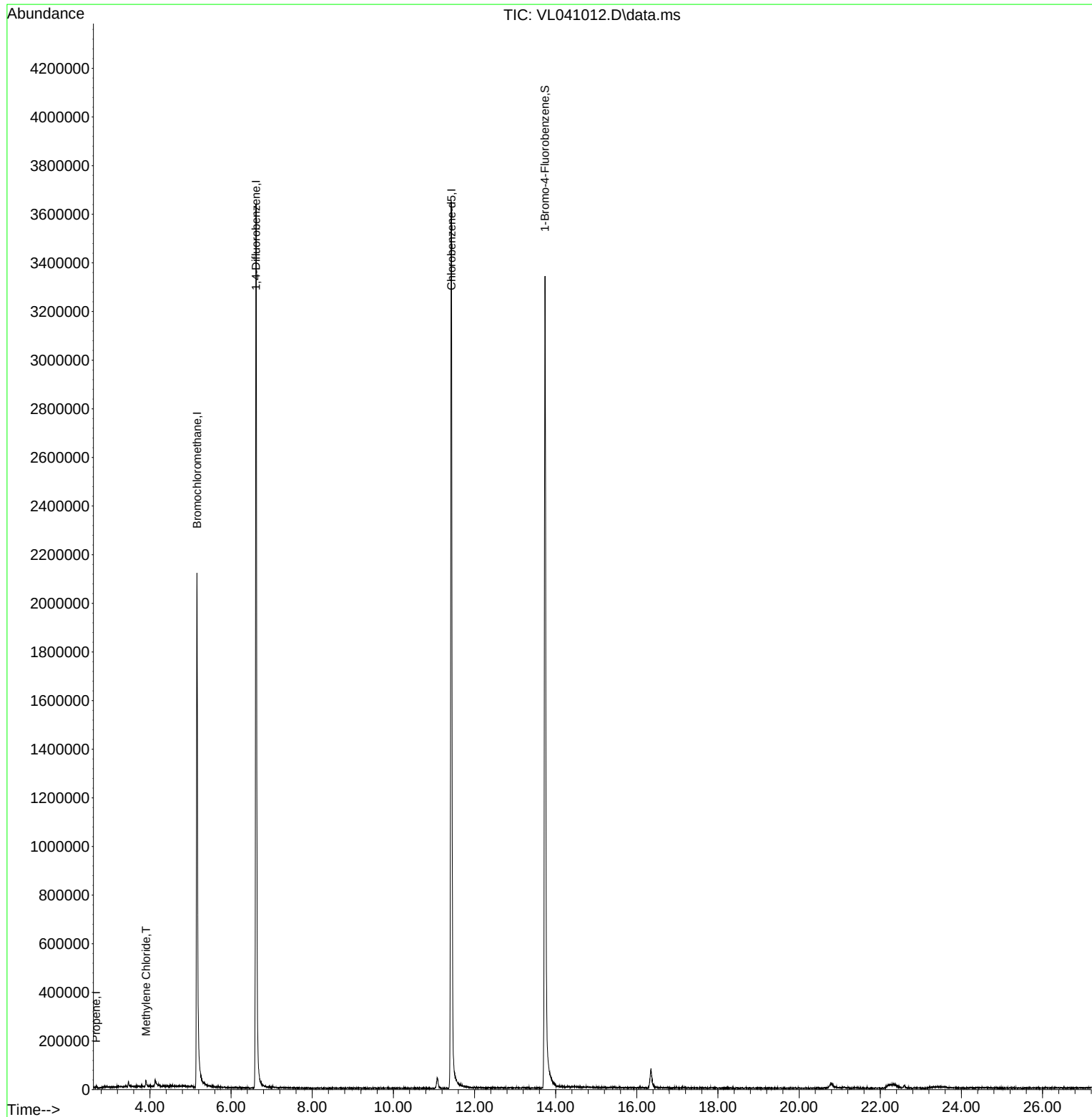
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.160  | 49    | 1098618  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.616  | 114   | 2809298  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.429 | 117   | 2371630  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.738 | 95    | 1758927  | 9.819    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 98.200%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 9) Propene                  | 2.671  | 41    | 1619     | 0.027    | ppbv   | 93       |
| 20) Methylene Chloride      | 3.902  | 84    | 7165     | 0.133    | ppbv # | 85       |
| -----                       |        |       |          |          |        |          |

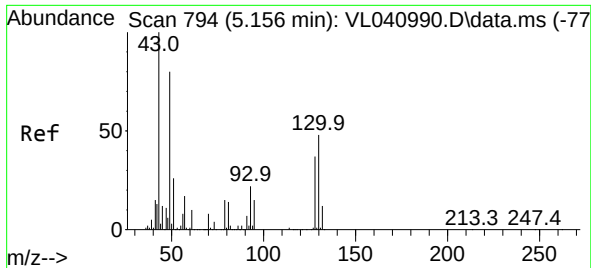
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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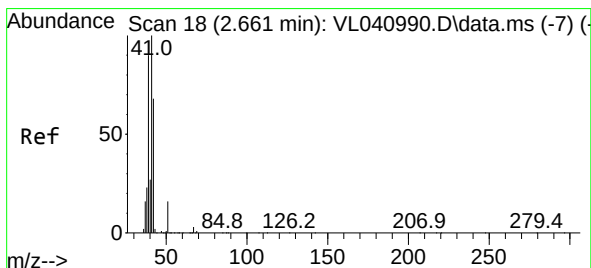
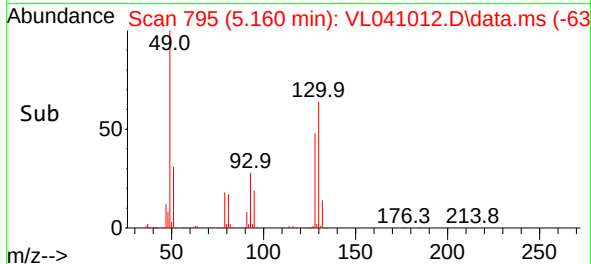
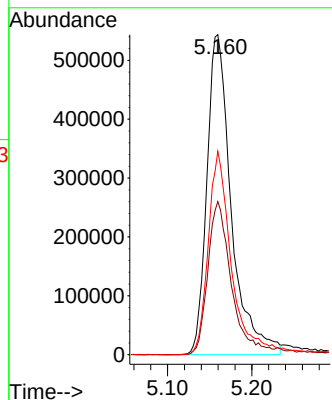
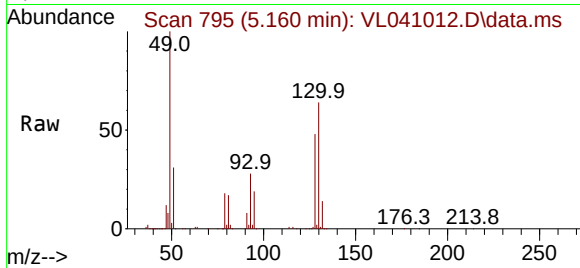




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.160 min Scan# 794  
Delta R.T. 0.004 min  
Lab File: VL041012.D  
Acq: 24 Jan 2024 12:11

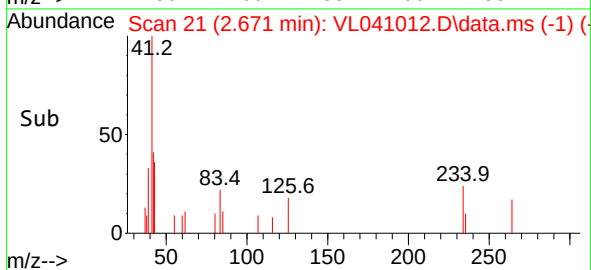
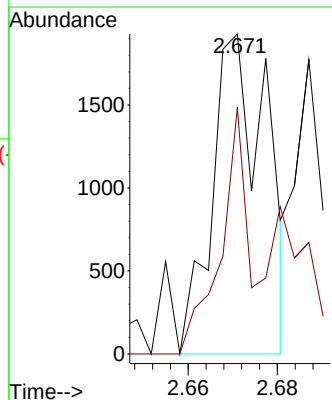
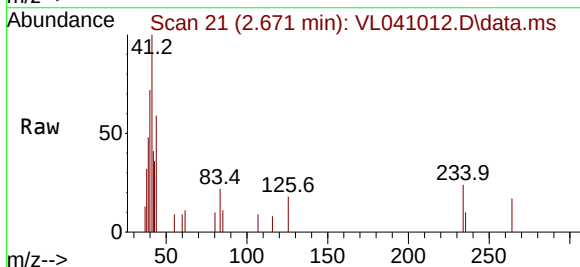
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0124ABL01

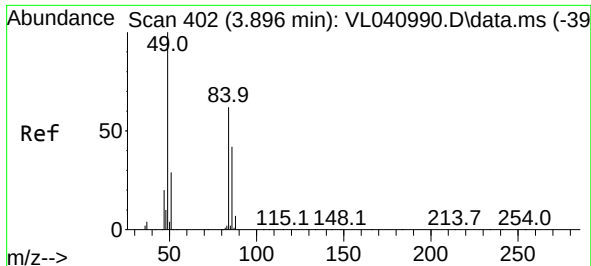
Tgt Ion: 49 Resp: 1098618  
Ion Ratio Lower Upper  
49 100  
128 48.5 23.9 71.7  
130 63.0 31.1 93.5



#9  
Propene  
Concen: 0.027 ppbv  
RT: 2.671 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VL041012.D  
Acq: 24 Jan 2024 12:11

Tgt Ion: 41 Resp: 1619  
Ion Ratio Lower Upper  
41 100  
42 79.4 59.0 88.4

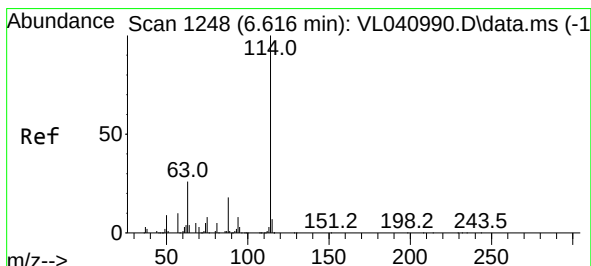
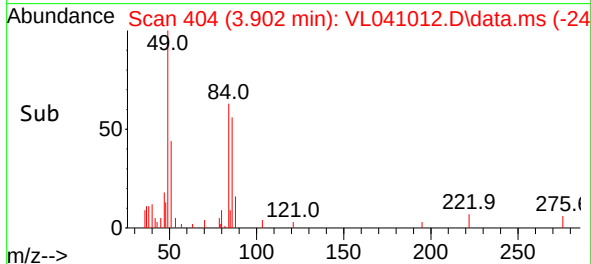
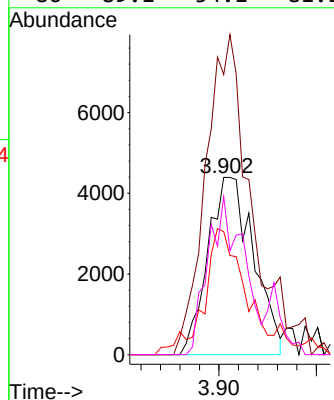
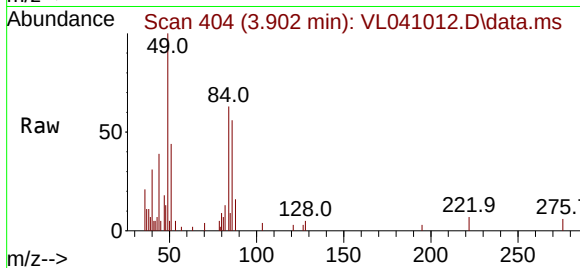




#20  
Methylene Chloride  
Concen: 0.133 ppbv  
RT: 3.902 min Scan# 402  
Delta R.T. 0.003 min  
Lab File: VL041012.D  
Acq: 24 Jan 2024 12:11

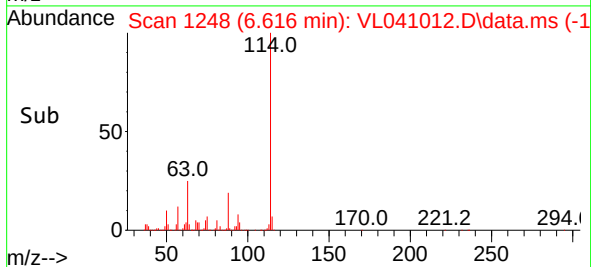
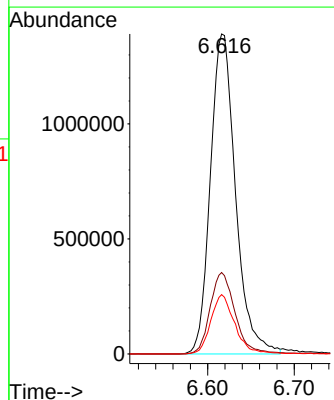
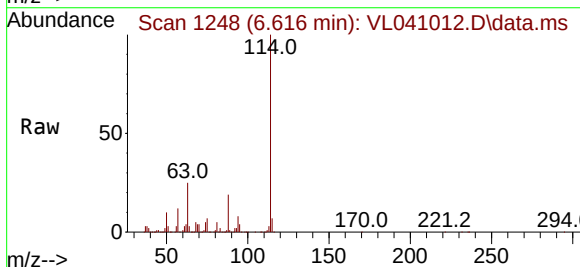
Instrument :  
MSVOA\_1  
ClientSampleId :  
VL0124ABL01

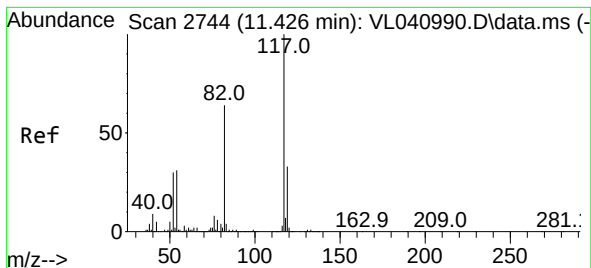
Tgt Ion: 84 Resp: 7165  
Ion Ratio Lower Upper  
84 100  
49 148.2 128.1 192.1  
51 56.4 36.5 54.7#  
86 89.1 54.1 81.1#



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.616 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: VL041012.D  
Acq: 24 Jan 2024 12:11

Tgt Ion: 114 Resp: 2809298  
Ion Ratio Lower Upper  
114 100  
63 25.6 20.8 31.2  
88 18.0 14.3 21.5

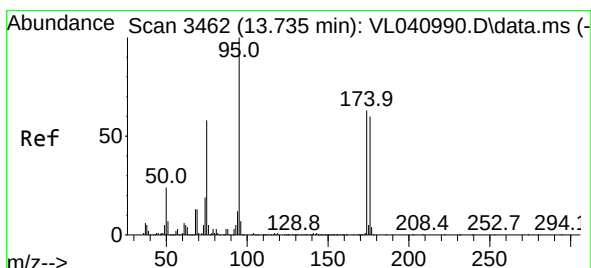
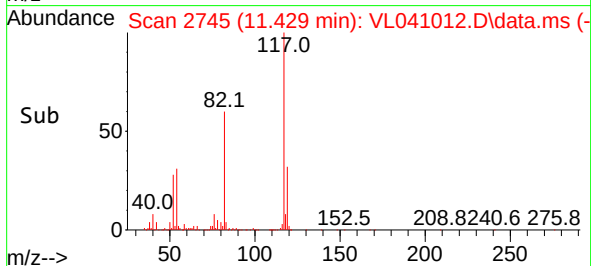
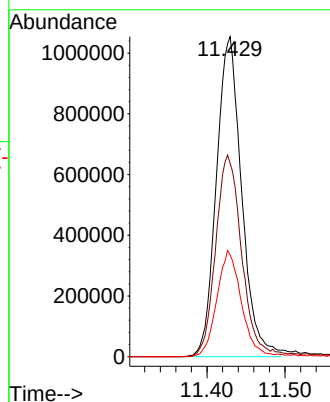
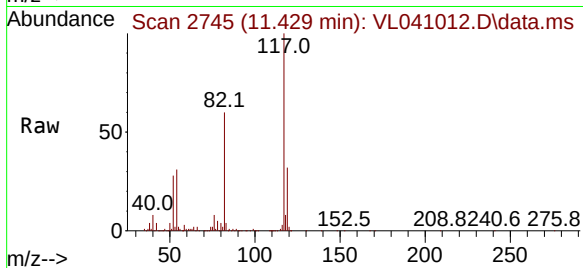




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.429 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VL041012.D  
Acq: 24 Jan 2024 12:11

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0124ABL01

Tgt Ion:117 Resp: 2371630  
Ion Ratio Lower Upper  
117 100  
82 66.4 51.7 77.5  
119 32.9 23.8 35.6



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.819 ppbv  
RT: 13.738 min Scan# 3463  
Delta R.T. -0.000 min  
Lab File: VL041012.D  
Acq: 24 Jan 2024 12:11

Tgt Ion: 95 Resp: 1758927  
Ion Ratio Lower Upper  
95 100  
174 61.9 49.1 73.7  
175 4.4 3.7 5.5

