

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL021422\  
 Data File : VL038337.D  
 Acq On : 14 Feb 2022 11:54  
 Operator : SY/AP  
 Sample : VL0214ABL01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0214ABL01

Quant Time: Feb 15 00:39:53 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL012422AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Jan 24 14:12:48 2022  
 QLast Update : Mon Jan 24 14:12:48 2022  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.658  | 49   | 935148   | 10.000 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.163  | 114  | 2471421  | 10.000 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.069 | 117  | 2124812  | 10.000 | ppbv  | #-0.02   |

System Monitoring Compounds

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.397 | 95    | 1671193  | 10.362   | ppbv | -0.02    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.600% |

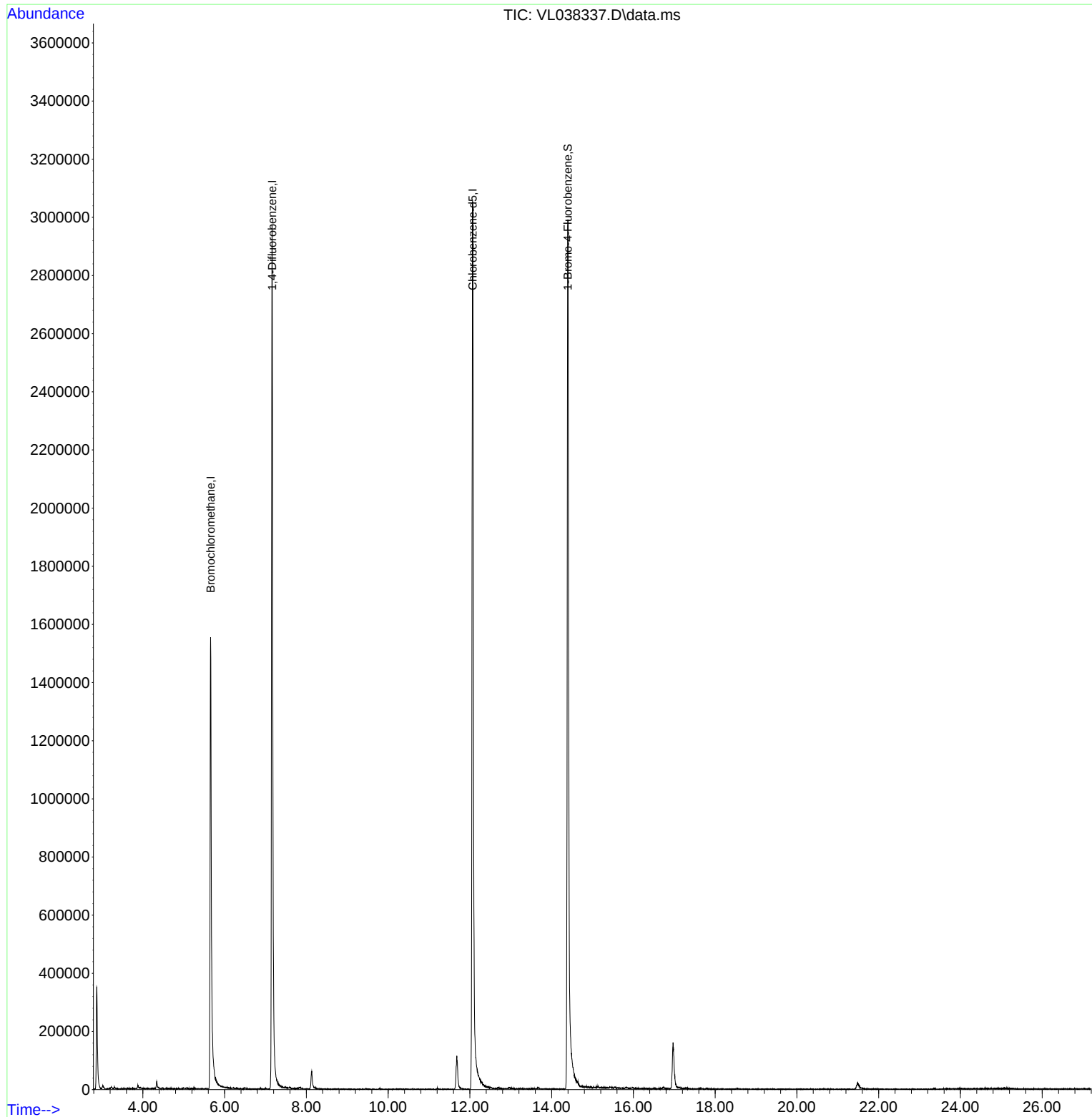
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

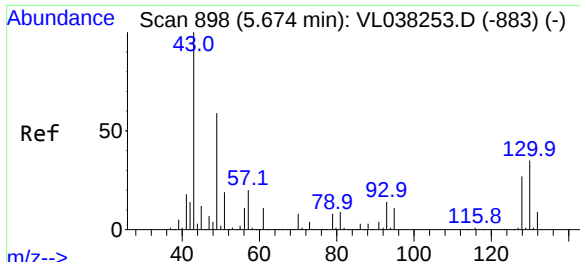
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL021422\  
Data File : VL038337.D  
Acq On : 14 Feb 2022 11:54  
Operator : SY/AP  
Sample : VL0214ABL01  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0214ABL01

Quant Time: Feb 15 00:39:53 2022  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL012422AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Jan 24 14:12:48 2022  
QLast Update : Mon Jan 24 14:12:48 2022  
Response via : Initial Calibration

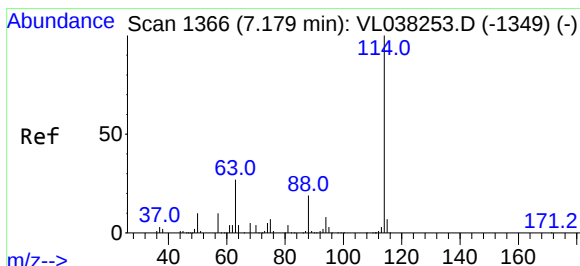
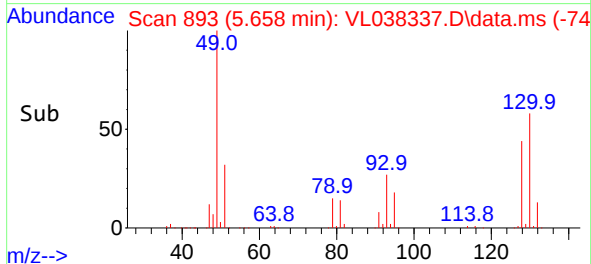
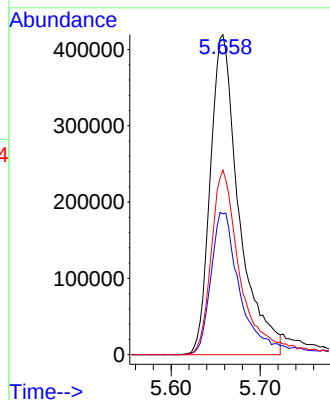
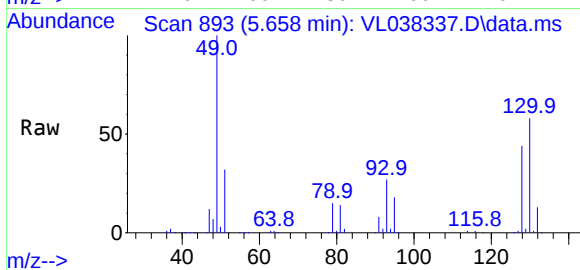




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.658 min Scan# 893  
Delta R.T. -0.016 min  
Lab File: VL038337.D  
Acq: 14 Feb 2022 11:54

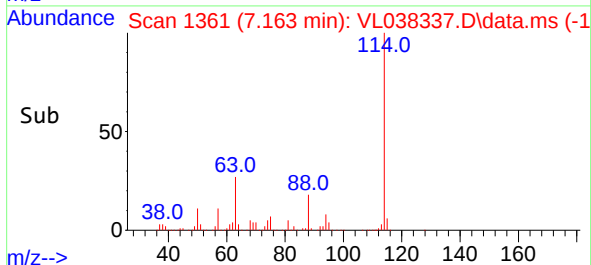
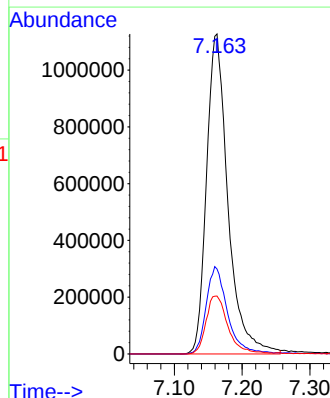
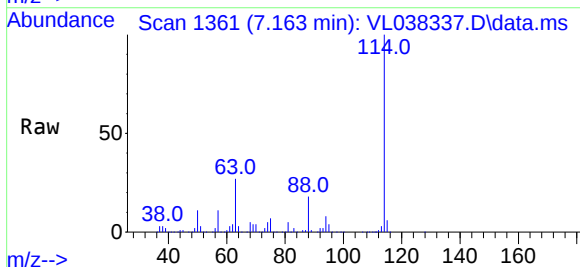
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0214ABL01

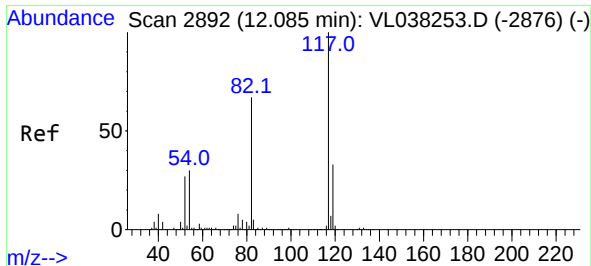
Tgt Ion: 49 Resp: 935148  
Ion Ratio Lower Upper  
49 100  
128 48.4 24.5 73.5  
130 62.0 30.1 90.5



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.163 min Scan# 1361  
Delta R.T. -0.016 min  
Lab File: VL038337.D  
Acq: 14 Feb 2022 11:54

Tgt Ion: 114 Resp: 2471421  
Ion Ratio Lower Upper  
114 100  
63 27.6 22.0 33.0  
88 19.0 15.0 22.6

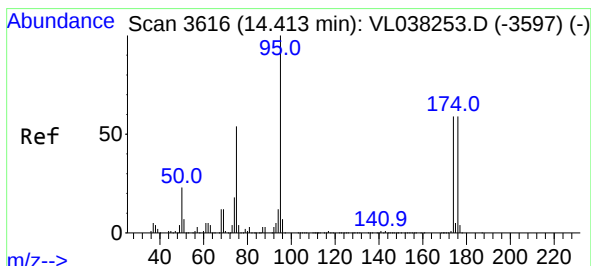
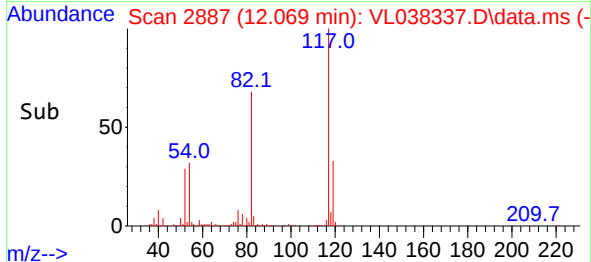
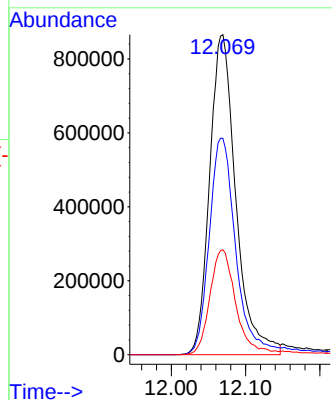
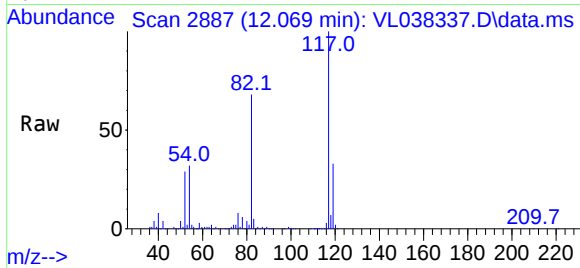




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.069 min Scan# 21  
Delta R.T. -0.016 min  
Lab File: VL038337.D  
Acq: 14 Feb 2022 11:54

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0214ABL01

Tgt Ion:117 Resp: 2124812  
Ion Ratio Lower Upper  
117 100  
82 71.7 54.4 81.6  
119 34.3 45.9 68.9#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.362 ppbv  
RT: 14.397 min Scan# 3611  
Delta R.T. -0.016 min  
Lab File: VL038337.D  
Acq: 14 Feb 2022 11:54

Tgt Ion: 95 Resp: 1671193  
Ion Ratio Lower Upper  
95 100  
174 63.0 48.3 72.5  
175 4.5 3.5 5.3

