

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL110322\  
 Data File : VL039830.D  
 Acq On : 3 Nov 2022 17:46  
 Operator : SY/AP  
 Sample : QC110222 CAN 10127  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 QC110222 CAN 10127

Quant Time: Nov 04 08:44:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL110222AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Thu Nov 03 09:27:12 2022  
 Response via : Initial Calibration

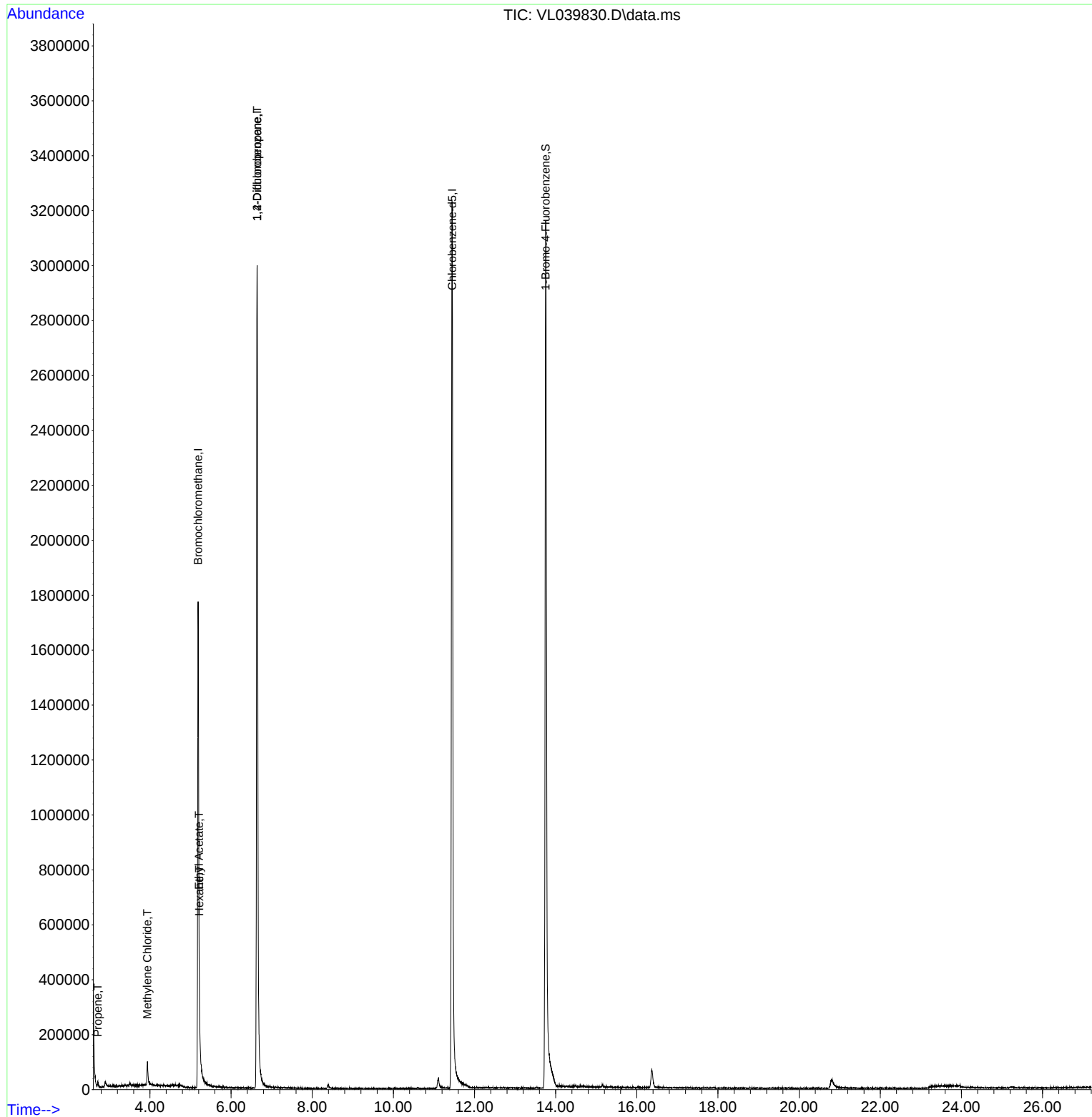
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.185  | 49    | 979582   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.642  | 114   | 2633229  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.446 | 117   | 2305564  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.754 | 95    | 1843462  | 10.682   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 106.800% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 9) Propene                  | 2.713  | 41    | 3343     | 0.055    | ppbv # | 14       |
| 20) Methylene Chloride      | 3.935  | 84    | 18371    | 0.431    | ppbv # | 85       |
| 25) Ethyl Acetate           | 5.211  | 43    | 11030    | 0.045    | ppbv # | 76       |
| 26) Hexane                  | 5.214  | 57    | 17620    | 0.161    | ppbv # | 40       |
| 39) 1,2-Dichloropropane     | 6.642  | 63    | 603984   | 6.979    | ppbv # | 28       |
| -----                       |        |       |          |          |        |          |

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

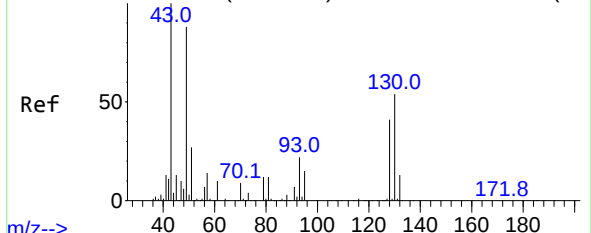
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL110322\  
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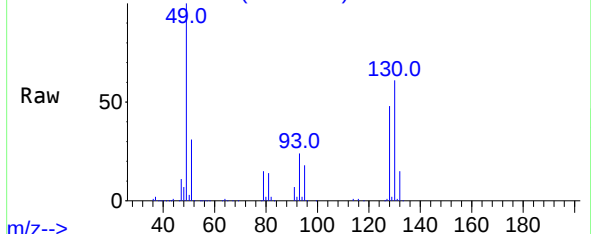


Abundance Scan 804 (5.188 min): VL039810.D\data.ms (-78)



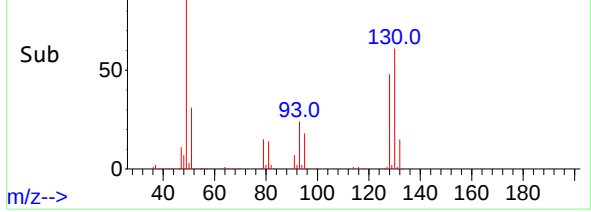
m/z-->

Abundance Scan 803 (5.185 min): VL039830.D\data.ms



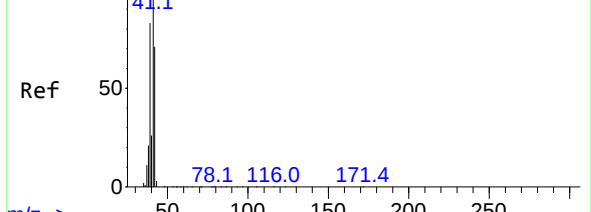
m/z-->

Abundance Scan 803 (5.185 min): VL039830.D\data.ms (-64)



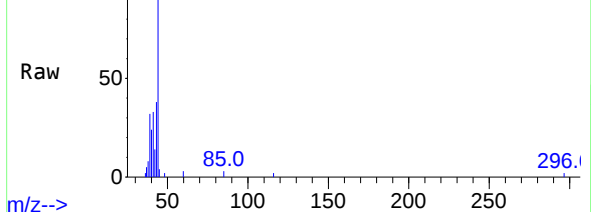
m/z-->

Abundance Scan 32 (2.706 min): VL039810.D\data.ms (-24)



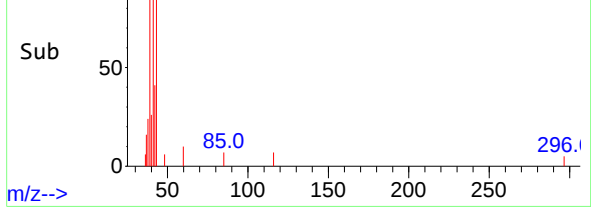
m/z-->

Abundance Scan 34 (2.713 min): VL039830.D\data.ms



m/z-->

Abundance Scan 34 (2.713 min): VL039830.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.185 min Scan# 80

Delta R.T. -0.003 min

Lab File: VL039830.D

Acq: 3 Nov 2022 17:46

Instrument :

MSVOA\_L

ClientSampleId :

QC110222 CAN 10127

Tgt Ion: 49 Resp: 979582

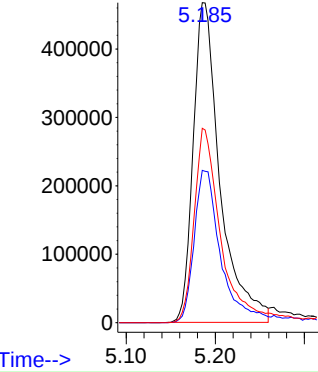
Ion Ratio Lower Upper

49 100

128 50.0 24.6 73.6

130 63.6 31.1 93.2

Abundance



Time-->

#9

Propene

Concen: 0.055 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.007 min

Lab File: VL039830.D

Acq: 3 Nov 2022 17:46

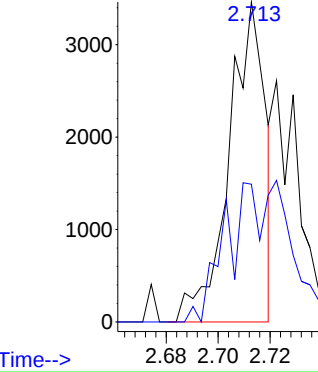
Tgt Ion: 41 Resp: 3343

Ion Ratio Lower Upper

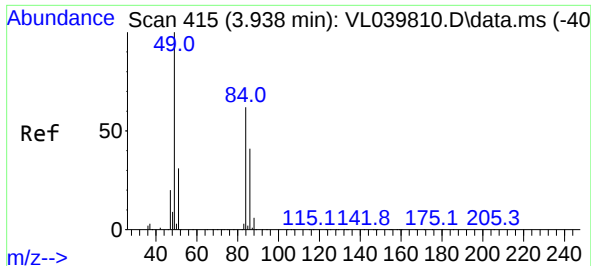
41 100

42 0.0 56.3 84.5#

Abundance



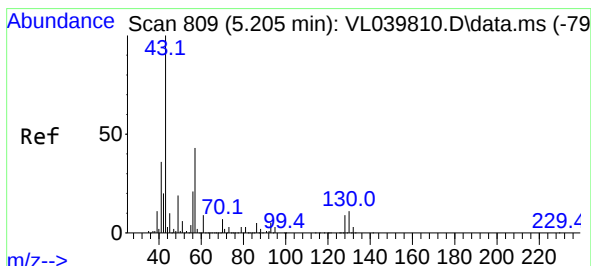
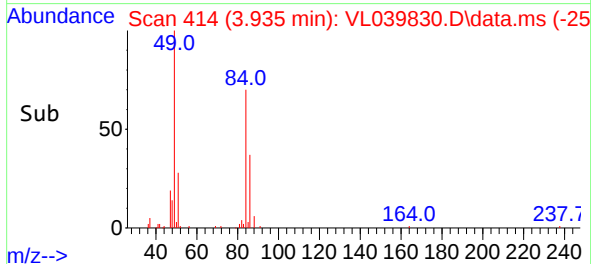
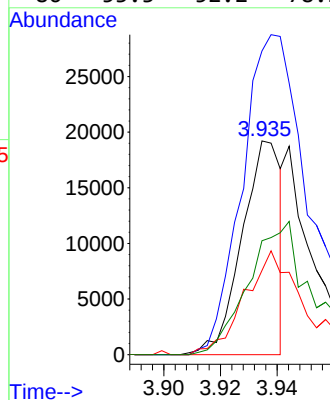
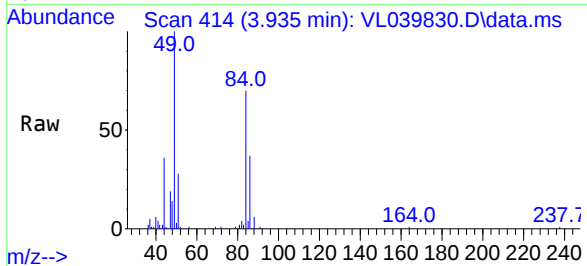
Time-->



#20  
Methylene Chloride  
Concen: 0.431 ppbv  
RT: 3.935 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VL039830.D  
Acq: 3 Nov 2022 17:46

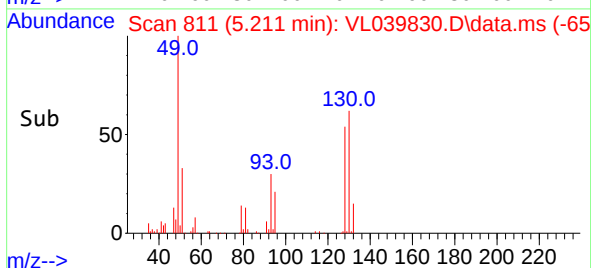
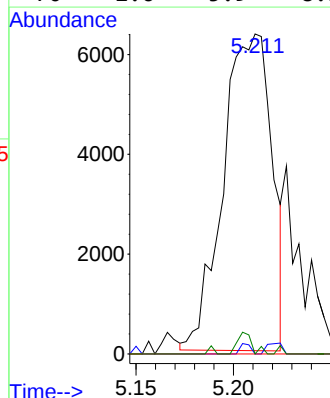
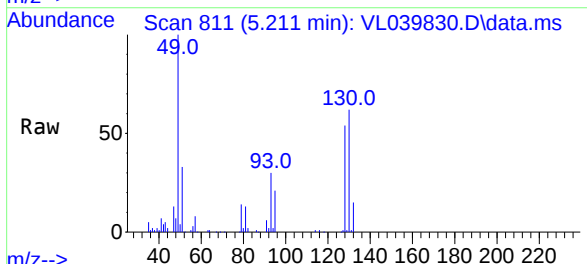
Instrument :  
MSVOA\_L  
ClientSampleId :  
QC110222 CAN 10127

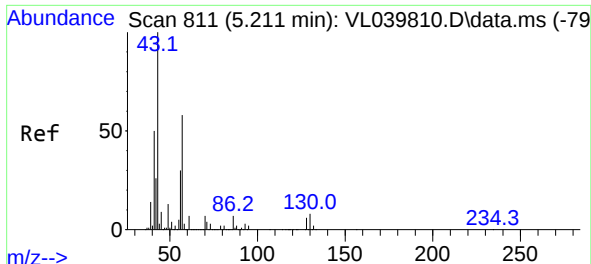
Tgt Ion: 84 Resp: 18371  
Ion Ratio Lower Upper  
84 100  
49 142.0 128.6 192.8  
51 39.3 40.2 60.4#  
86 53.3 52.2 78.2



#25  
Ethyl Acetate  
Concen: 0.045 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. 0.007 min  
Lab File: VL039830.D  
Acq: 3 Nov 2022 17:46

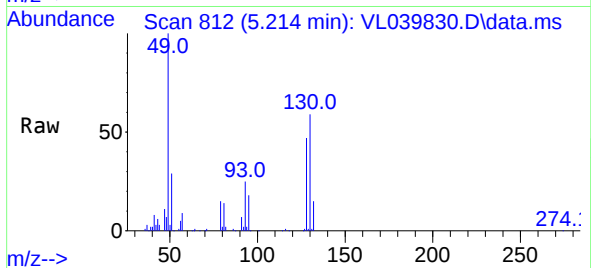
Tgt Ion: 43 Resp: 11030  
Ion Ratio Lower Upper  
43 100  
45 0.0 8.2 12.2#  
61 0.0 8.1 12.1#  
70 2.6 5.9 8.9#



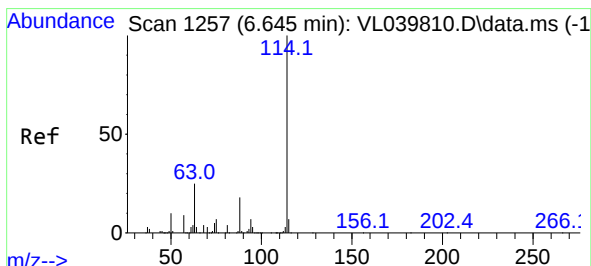
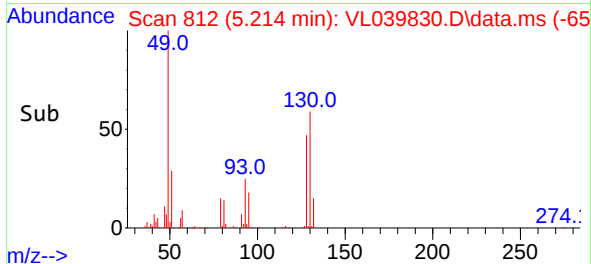
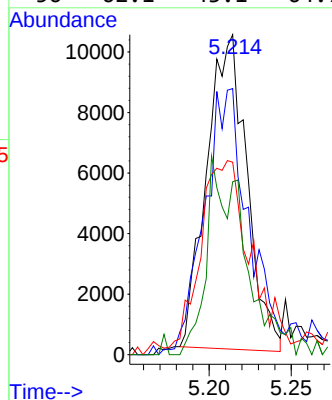


#26  
Hexane  
Concen: 0.161 ppbv  
RT: 5.214 min Scan# 811  
Delta R.T. 0.003 min  
Lab File: VL039830.D  
Acq: 3 Nov 2022 17:46

Instrument :  
MSVOA\_1  
ClientSampleId :  
QC110222 CAN 10127

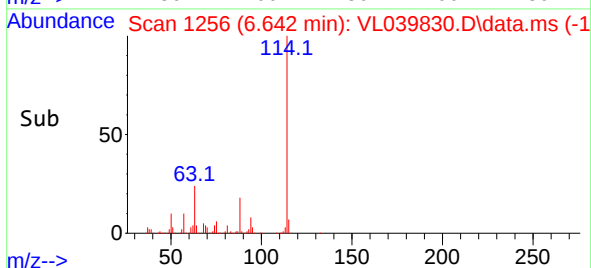
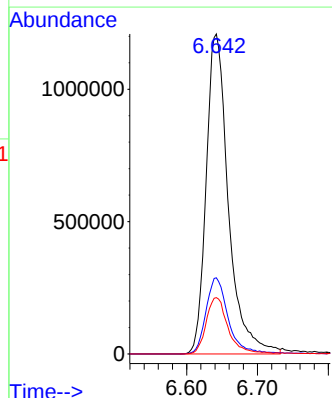
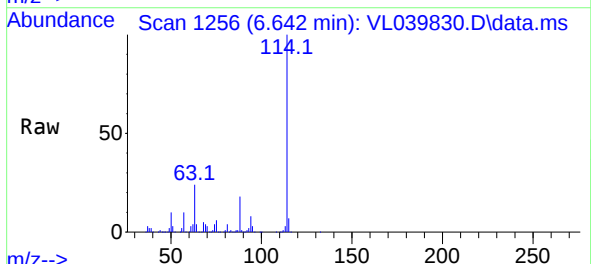


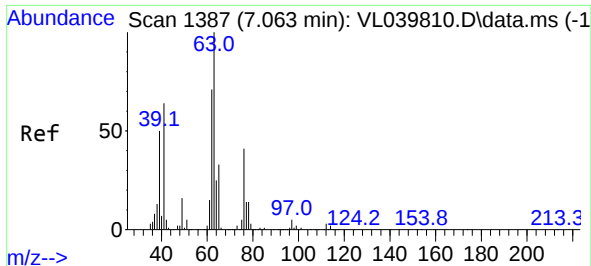
Tgt Ion: 57 Resp: 17620  
Ion Ratio Lower Upper  
57 100  
41 103.0 73.7 110.5  
43 84.8 189.8 284.8#  
56 62.1 43.1 64.7



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.642 min Scan# 1256  
Delta R.T. -0.003 min  
Lab File: VL039830.D  
Acq: 3 Nov 2022 17:46

Tgt Ion:114 Resp: 2633229  
Ion Ratio Lower Upper  
114 100  
63 24.2 19.8 29.6  
88 17.8 14.4 21.6





#39

1,2-Dichloropropane

Concen: 6.979 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL039830.D

Acq: 3 Nov 2022 17:46

Instrument :

MSVOA\_L

ClientSampleId :

QC110222 CAN 10127

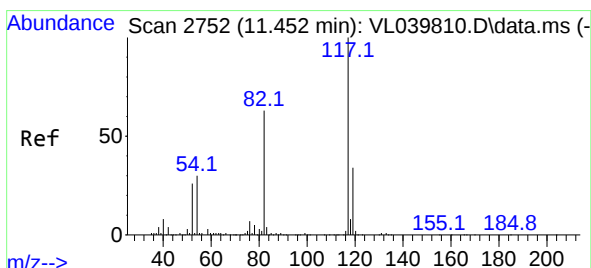
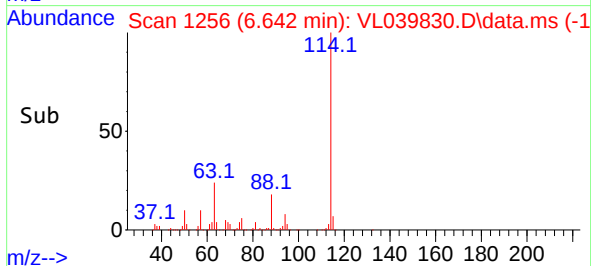
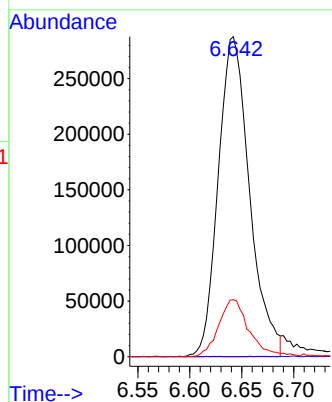
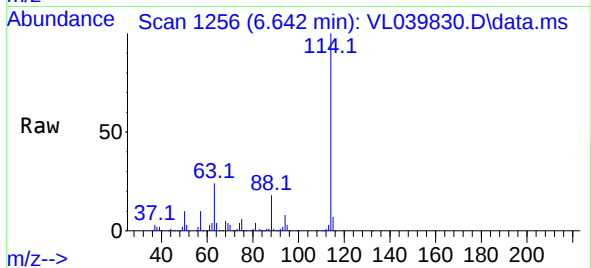
Tgt Ion: 63 Resp: 603984

Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 17.8 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.446 min Scan# 2750

Delta R.T. -0.006 min

Lab File: VL039830.D

Acq: 3 Nov 2022 17:46

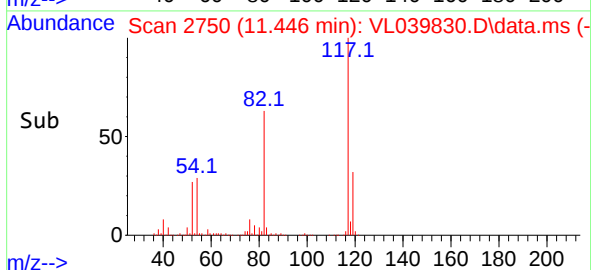
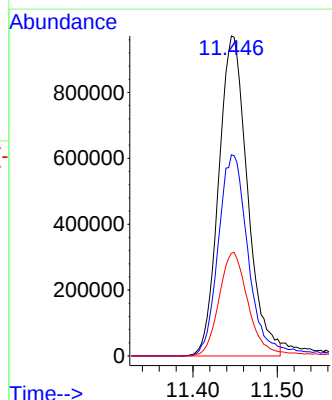
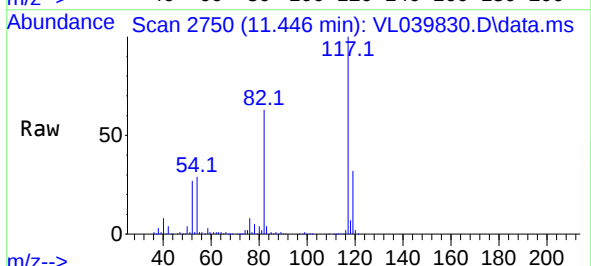
Tgt Ion: 117 Resp: 2305564

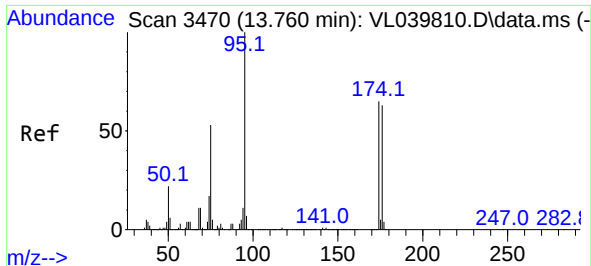
Ion Ratio Lower Upper

117 100

82 68.1 51.0 76.6

119 33.9 24.7 37.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.682 ppbv

RT: 13.754 min Scan# 34

Delta R.T. -0.006 min

Lab File: VL039830.D

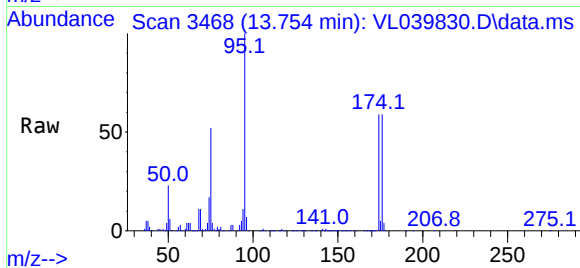
Acq: 3 Nov 2022 17:46

Instrument :

MSVOA\_L

ClientSampleId :

QC110222 CAN 10127



Tgt Ion: 95 Resp: 1843462

Ion Ratio Lower Upper

95 100

174 64.1 53.4 80.0

175 4.5 4.1 6.1

