

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\  
 Data File : VL037199.D  
 Acq On : 17 Jun 2021 13:25  
 Operator : SY/AP  
 Sample : OC061621 CAN 10285  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 QC061621 CAN 10285

Quant Time: Jun 18 01:21:40 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Jun 16 14:06:32 2021  
 QLast Update : Wed Jun 16 14:06:32 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 1318004  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 3971142  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 3333948  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2392437  | 9.47     | ppbv | -0.01  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 94.70% |

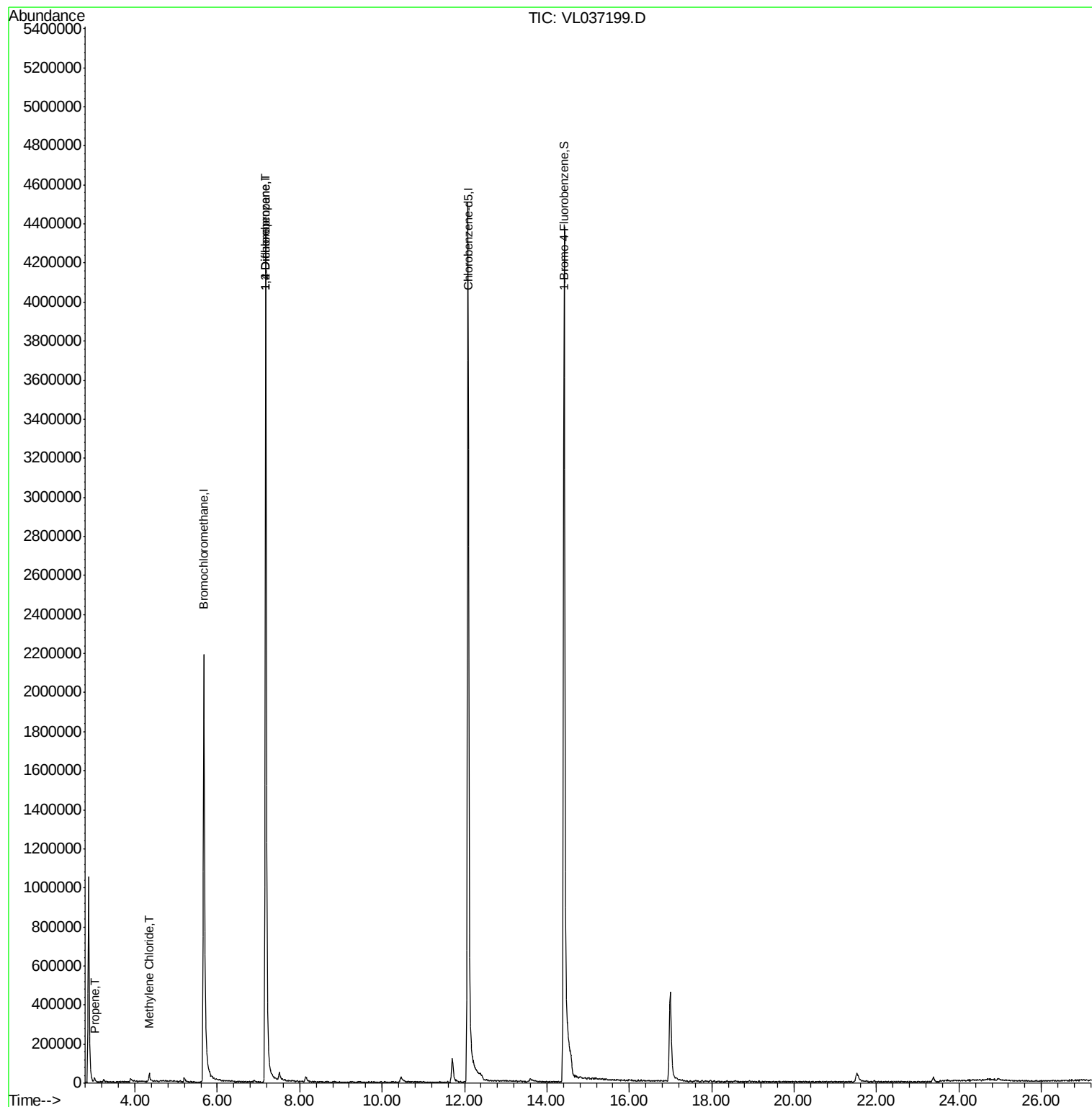
| Target Compounds        | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|-------------------------|------|------|----------|-------|--------|--------|
| 9) Propene              | 3.01 | 41   | 2468     | 0.030 | ppbv # | 16     |
| 20) Methylene Chloride  | 4.34 | 84   | 4556     | 0.051 | ppbv # | 84     |
| 39) 1,2-Dichloropropane | 7.18 | 63   | 941434   | 7.890 | ppbv # | 23     |

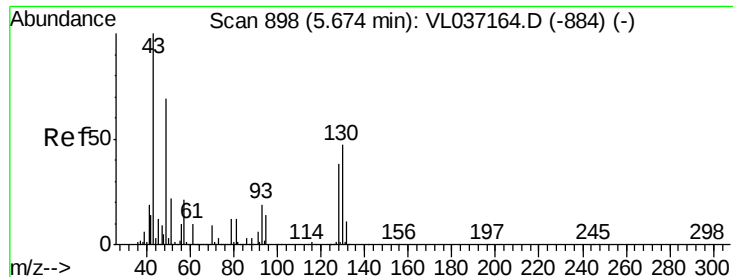
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 16 14:06:32 2021  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037199.D

Acq: 17 Jun 2021 13:25

Instrument :

MSVOA\_L

ClientSampleId :

QC061621 CAN 10285

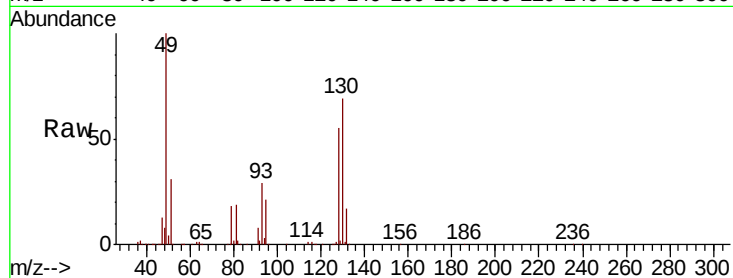
Tot Ion: 49 Resp: 1318004

Ion Ratio Lower Upper

49 100

128 58.5 29.3 88.0

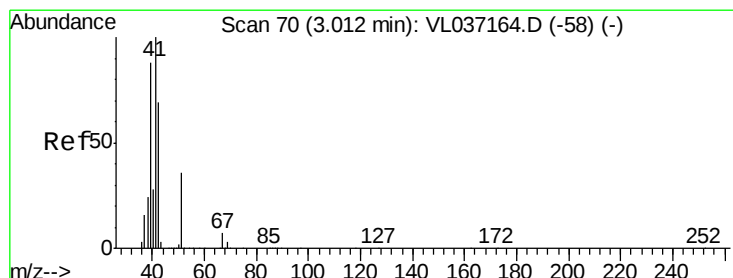
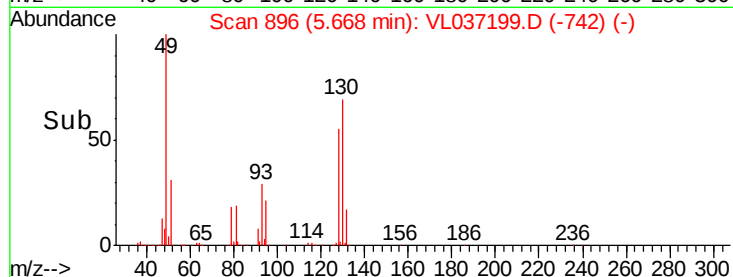
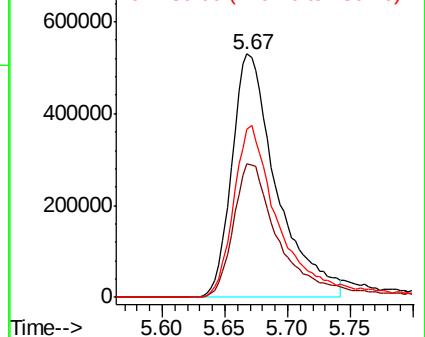
130 75.8 35.9 107.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.030 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL037199.D

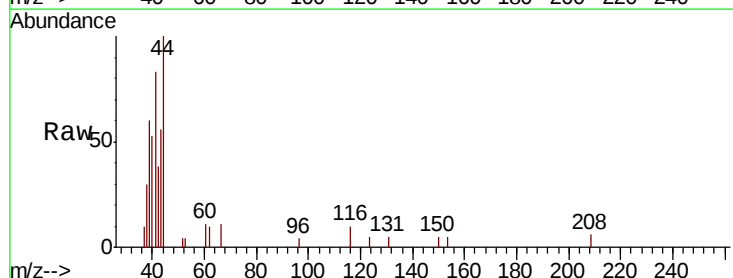
Acq: 17 Jun 2021 13:25

Tgt Ion: 41 Resp: 2468

Ion Ratio Lower Upper

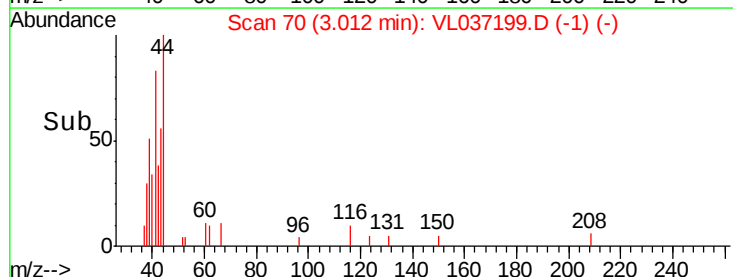
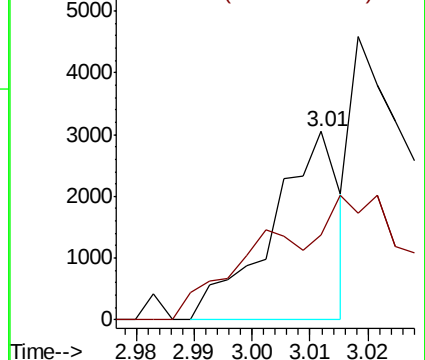
41 100

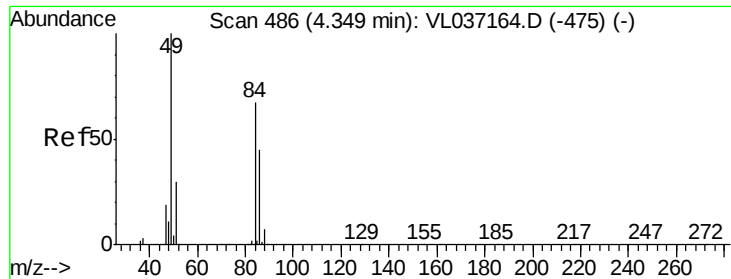
42 0.0 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

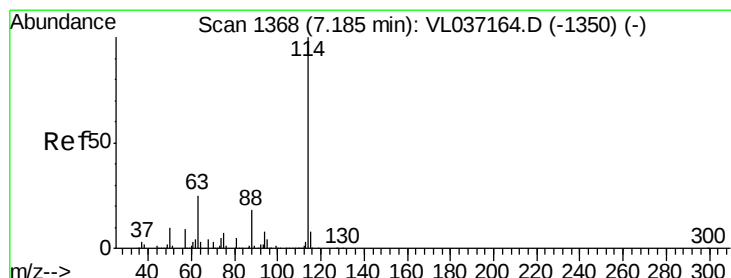
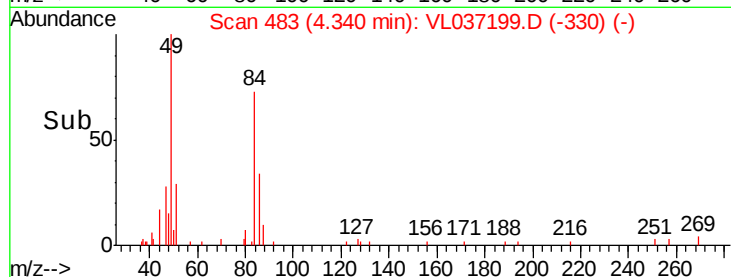
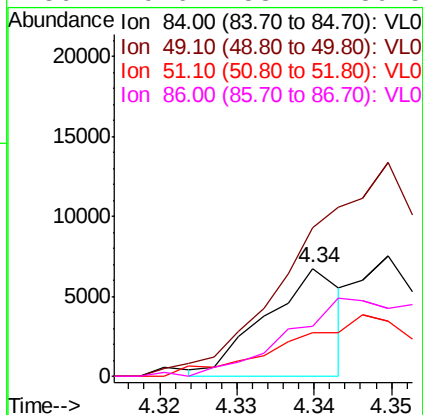
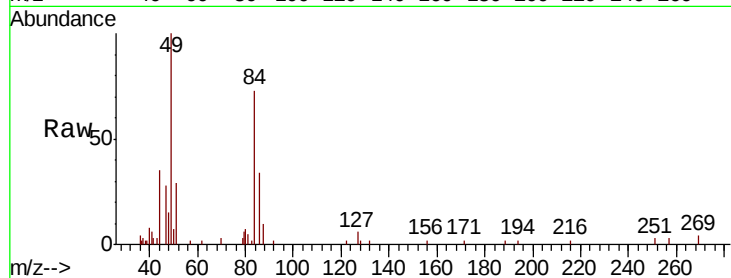




#20  
Methylene Chloride  
Concen: 0.051 ppbv  
RT: 4.34 min Scan# 483  
Delta R.T. -0.01 min  
Lab File: VL037199.D  
Acq: 17 Jun 2021 13:25

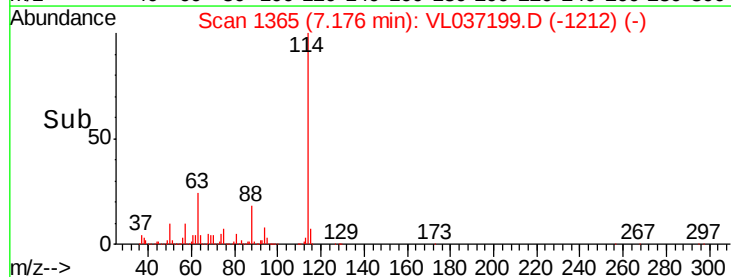
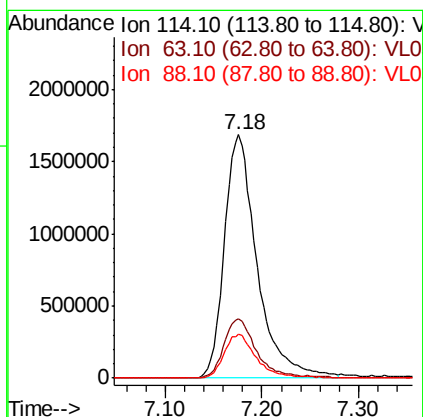
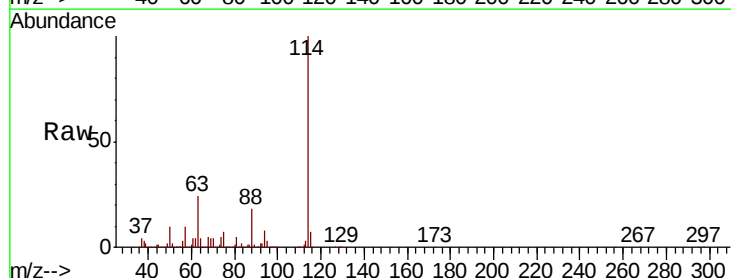
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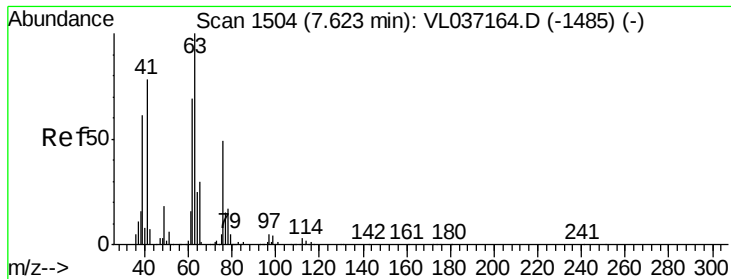
Tot Ion: 84 Resp: 4556  
Ion Ratio Lower Upper  
84 100  
49 132.9 119.7 179.5  
51 32.9 36.1 54.1#  
86 49.6 53.7 80.5#



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.18 min Scan# 1365  
Delta R.T. -0.01 min  
Lab File: VL037199.D  
Acq: 17 Jun 2021 13:25

Tgt Ion: 114 Resp: 3971142  
Ion Ratio Lower Upper  
114 100  
63 24.6 19.6 29.4  
88 18.1 14.2 21.2

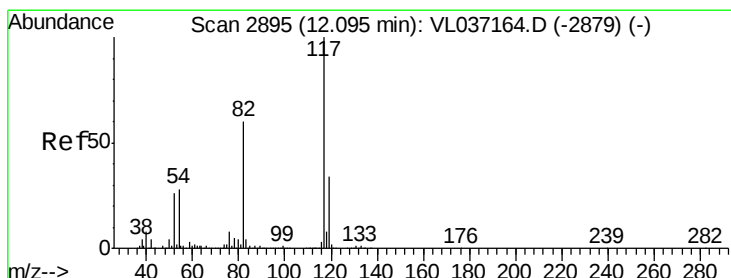
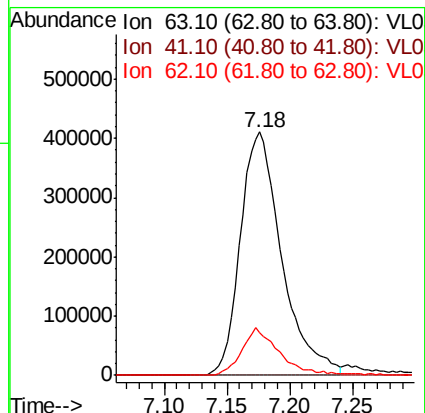
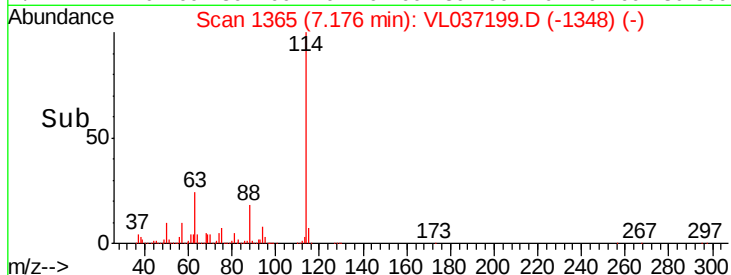
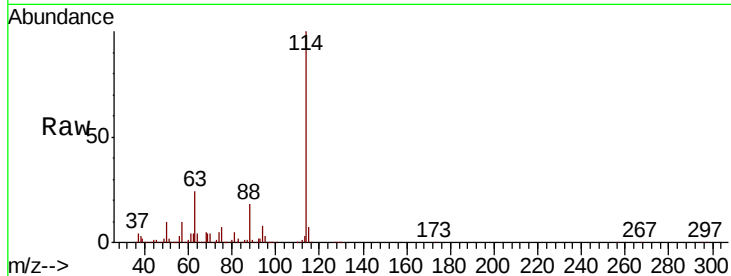




#39  
 1,2-Dichloropropane  
 Concen: 7.890 ppbv  
 RT: 7.18 min Scan# 1365  
 Delta R.T. -0.45 min  
 Lab File: VL037199.D  
 Acq: 17 Jun 2021 13:25

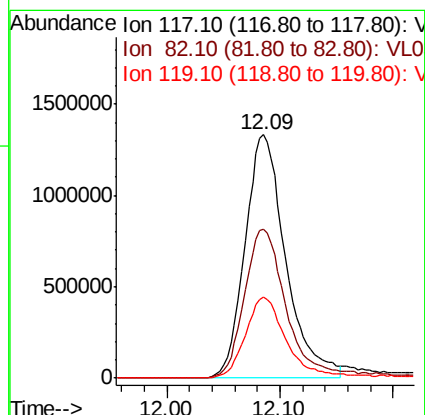
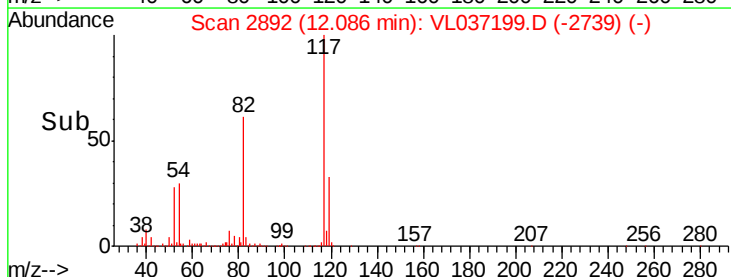
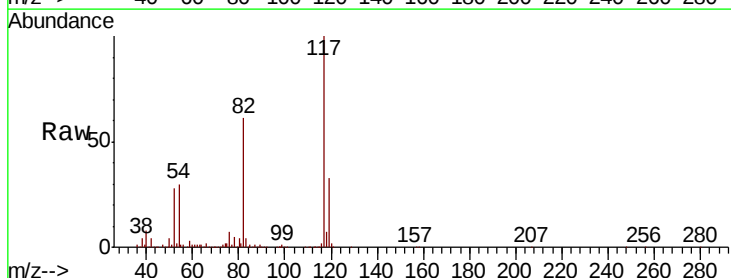
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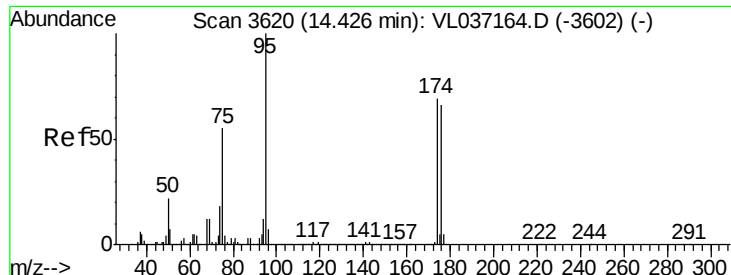
Tot Ion: 63 Resp: 941434  
 Ion Ratio Lower Upper  
 63 100  
 41 0.1 62.0 93.0#  
 62 17.6 54.9 82.3#



#55  
 Chlorobenzene-d5  
 Concen: 10.000 ppbv  
 RT: 12.09 min Scan# 2892  
 Delta R.T. -0.01 min  
 Lab File: VL037199.D  
 Acq: 17 Jun 2021 13:25

Tgt Ion: 117 Resp: 3333948  
 Ion Ratio Lower Upper  
 117 100  
 82 66.9 51.7 77.5  
 119 35.2 47.6 71.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.470 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL037199.D

Acq: 17 Jun 2021 13:25

Instrument :

MSVOA\_L

ClientSampleId :

QC061621 CAN 10285

Tot Ion: 95 Resp: 2392437

Ion Ratio Lower Upper

95 100

174 78.6 57.0 85.4

175 5.6 4.4 6.6

