

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL040419\  
Quantitation Report (Not Reviewed)

Data File : VL033532.D  
Acq On : 4 Apr 2019 14:10  
Operator : SY/AP  
Sample : VL0404ABL01  
Misc : 400ml/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0404ABL01

Quant Time: Apr 05 01:55:19 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032519AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Mar 26 16:00:50 2019  
QLast Update : Tue Mar 26 16:00:50 2019  
Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.76  | 49   | 1177523  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.28  | 114  | 2671743  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.24 | 117  | 2703961  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.57  | 95    | 2132145  | 10.06    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.60% |

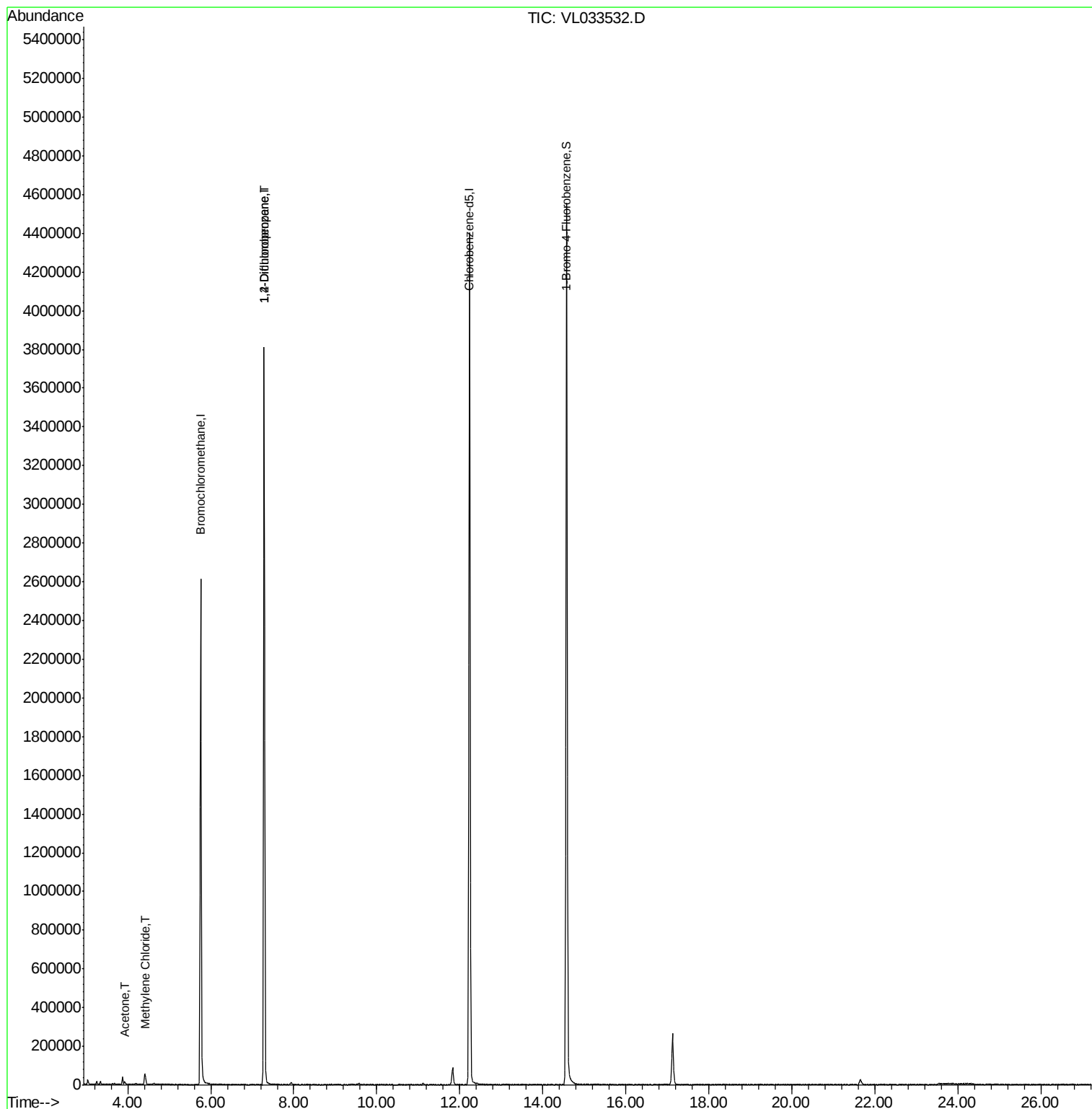
| Target Compounds        |      |    |        |       | Qvalue |    |
|-------------------------|------|----|--------|-------|--------|----|
| 15) Acetone             | 3.92 | 43 | 13521  | 0.095 | ppbv # | 74 |
| 20) Methylene Chloride  | 4.41 | 84 | 15415  | 0.256 | ppbv # | 73 |
| 39) 1,2-Dichloropropane | 7.28 | 63 | 699803 | 7.969 | ppbv # | 23 |

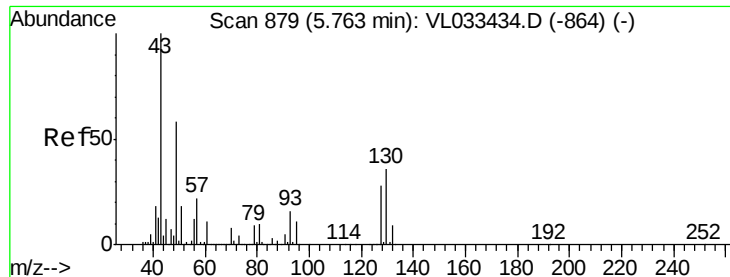
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 16:00:50 2019  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033532.D

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Instrument :

MSVOA\_L

ClientSampleId :

VL0404ABL01

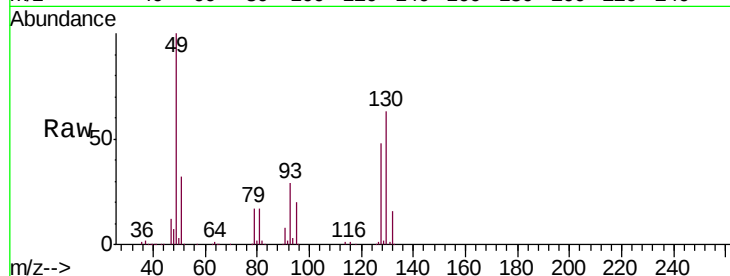
Tgt Ion: 49 Resp: 1177523

Ion Ratio Lower Upper

49 100

128 49.3 24.0 72.0

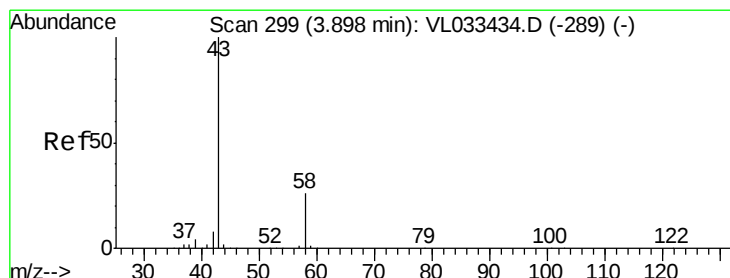
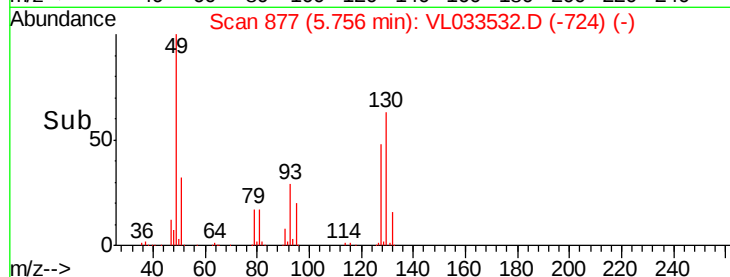
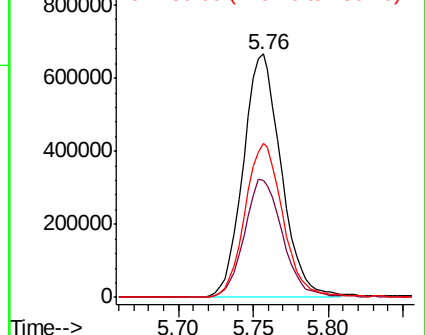
130 64.0 31.2 93.6



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



#15

Acetone

Concen: 0.095 ppbv

RT: 3.92 min Scan# 306

Delta R.T. 0.02 min

Lab File: VL033532.D

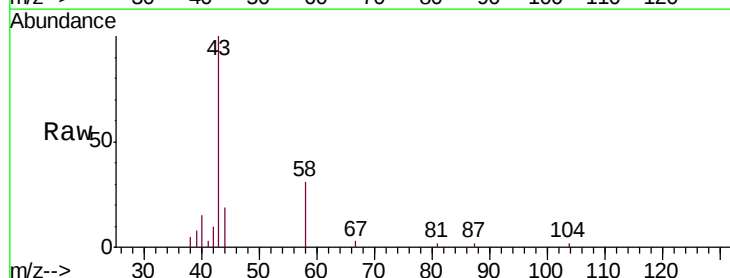
Acq: 4 Apr 2019 14:10

Tgt Ion: 43 Resp: 13521

Ion Ratio Lower Upper

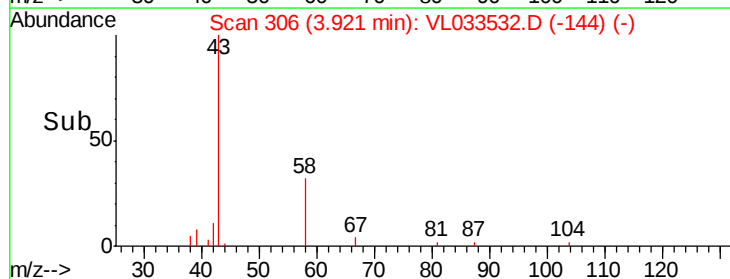
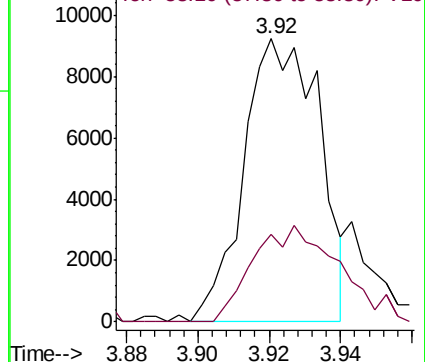
43 100

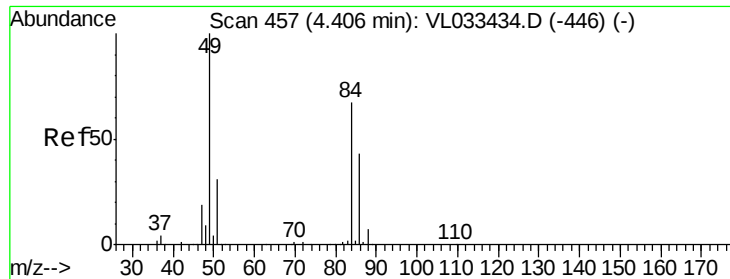
58 38.8 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

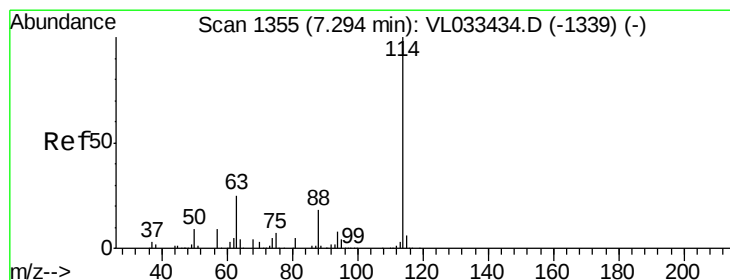
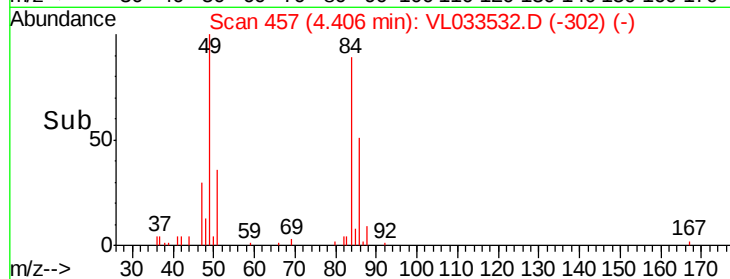
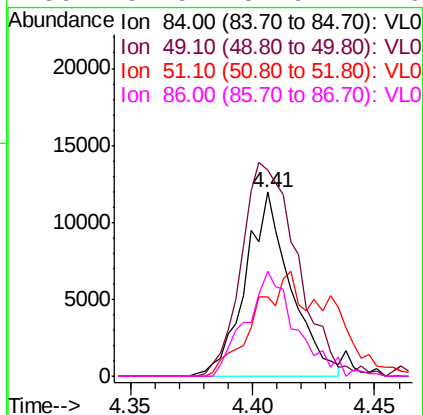
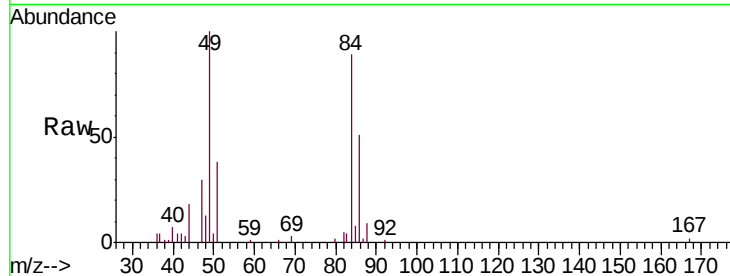




#20  
Methylene Chloride  
Concen: 0.256 ppbv  
RT: 4.41 min Scan# 457  
Delta R.T. -0.00 min  
Lab File: VL033532.D  
Acq: 4 Apr 2019 14:10

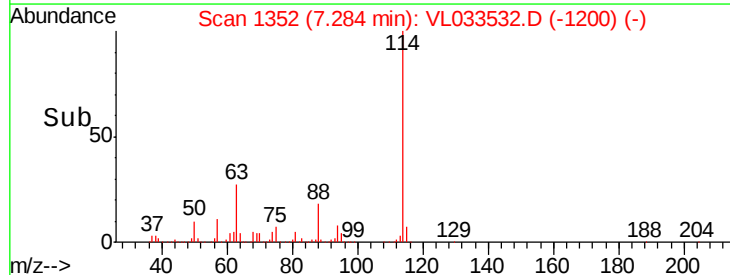
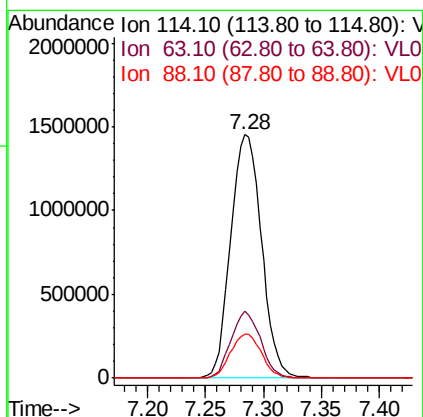
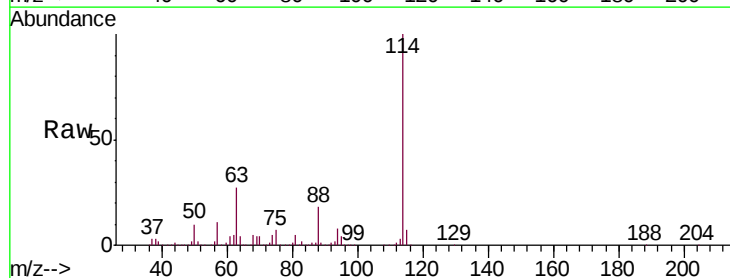
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0404ABL01

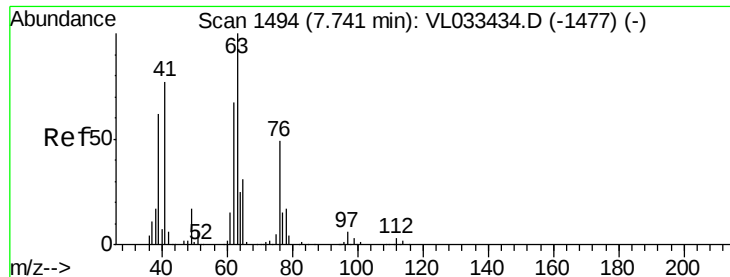
Tgt Ion: 84 Resp: 15415  
Ion Ratio Lower Upper  
84 100  
49 102.5 120.0 180.0#  
51 39.2 36.7 55.1  
86 52.5 51.9 77.9



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.28 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: VL033532.D  
Acq: 4 Apr 2019 14:10

Tgt Ion: 114 Resp: 2671743  
Ion Ratio Lower Upper  
114 100  
63 26.4 21.5 32.3  
88 18.2 14.5 21.7

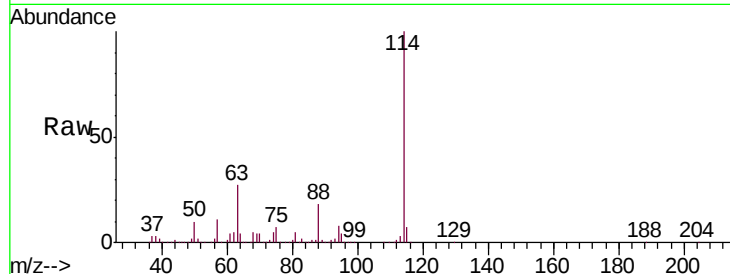




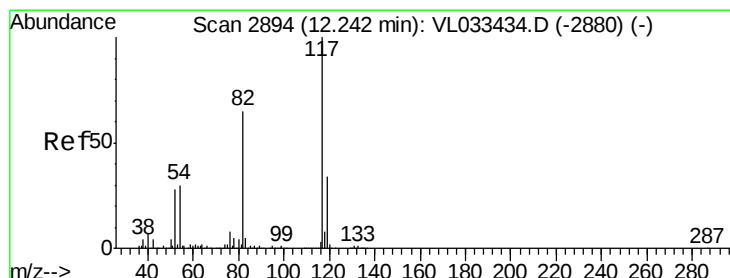
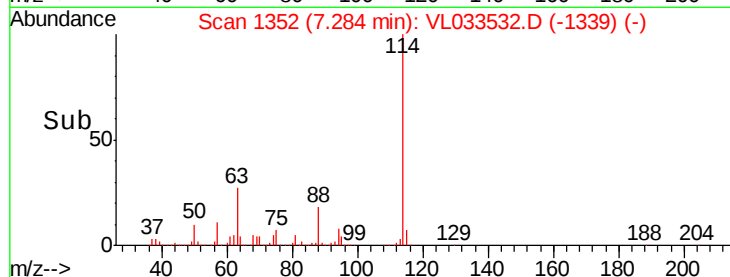
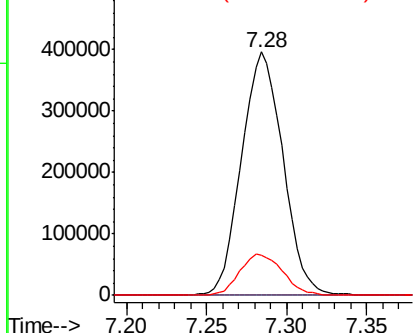
#39  
 1,2-Dichloropropane  
 Concen: 7.969 ppbv  
 RT: 7.28 min Scan# 1352  
 Delta R.T. -0.46 min  
 Lab File: VL033532.D  
 Acq: 4 Apr 2019 14:10

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0404ABL01

Tgt Ion: 63 Resp: 699803  
 Ion Ratio Lower Upper  
 63 100  
 41 0.1 61.2 91.8#  
 62 16.5 54.0 81.0#

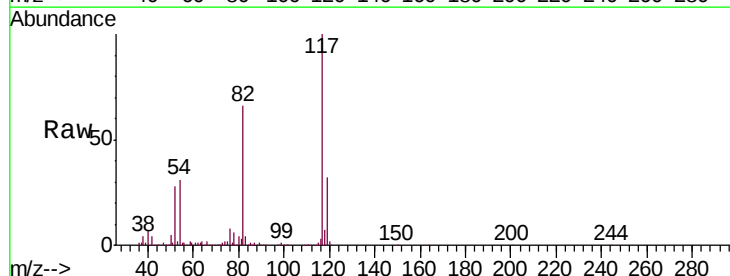


Abundance Ion 63.10 (62.80 to 63.80): VL0  
 Ion 41.10 (40.80 to 41.80): VL0  
 Ion 62.10 (61.80 to 62.80): VL0

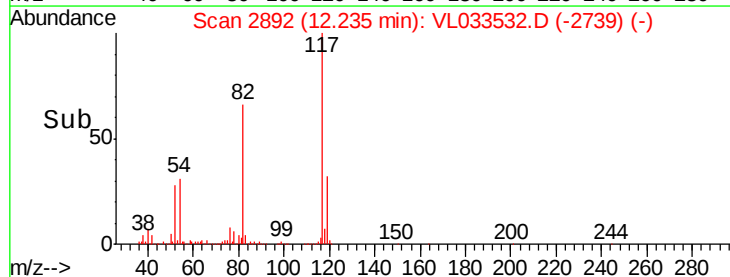
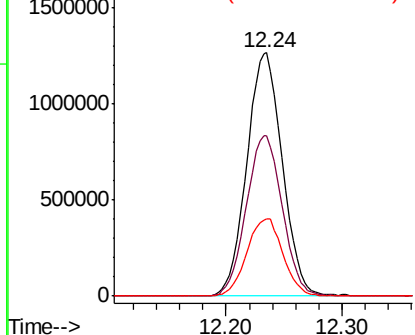


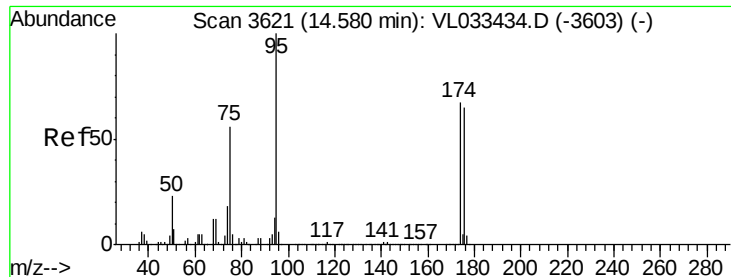
#55  
 Chlorobenzene-d5  
 Concen: 10.000 ppbv  
 RT: 12.24 min Scan# 2892  
 Delta R.T. -0.01 min  
 Lab File: VL033532.D  
 Acq: 4 Apr 2019 14:10

Tgt Ion: 117 Resp: 2703961  
 Ion Ratio Lower Upper  
 117 100  
 82 67.3 51.5 77.3  
 119 32.4 25.5 38.3



Abundance Ion 117.10 (116.80 to 117.80): V  
 Ion 82.10 (81.80 to 82.80): VL0  
 Ion 119.10 (118.80 to 119.80): V





#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.058 ppbv  
 RT: 14.57 min Scan# 3619  
 Delta R.T. -0.01 min  
 Lab File: VL033532.D  
 Acq: 4 Apr 2019 14:10

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0404ABL01

Tgt Ion: 95 Resp: 2132145  
 Ion Ratio Lower Upper  
 95 100  
 174 66.7 52.9 79.3  
 175 4.8 3.8 5.6

