

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL091819\  
Quantitation Report (Not Reviewed)

Data File : VL034194.D  
Acq On : 18 Sep 2019 22:34  
Operator : SY/AP  
Sample : QC CAN 10326  
Misc : 400ml/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
QC CAN 10326

Quant Time: Sep 19 06:52:46 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL091719AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Sep 18 12:53:31 2019  
QLast Update : Wed Sep 18 12:53:31 2019  
Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.70  | 49   | 1108314  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.22  | 114  | 1794590  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.16 | 117  | 1803888  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.50  | 95    | 1605645  | 10.24    | ppbv | -0.01   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.40% |

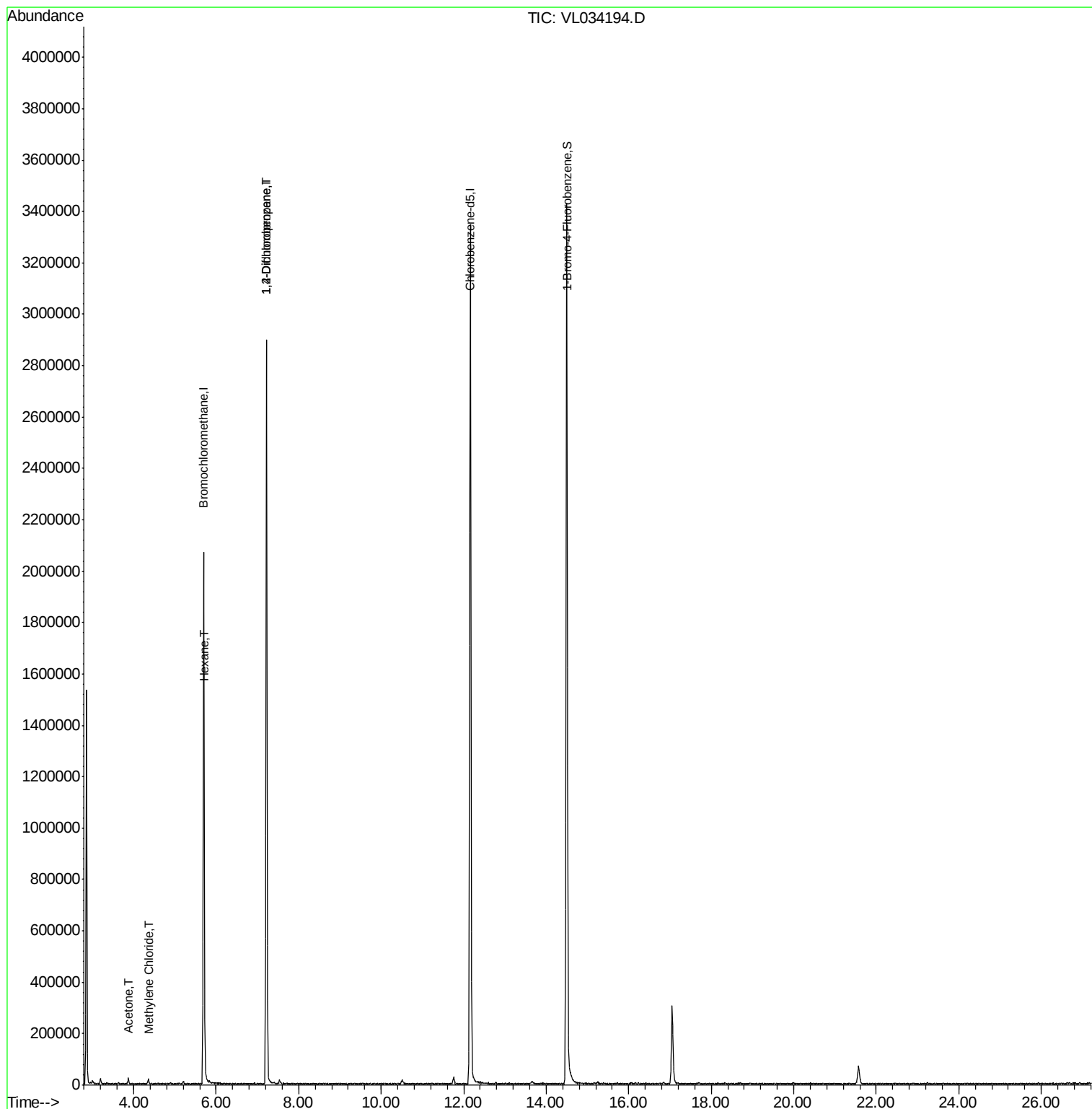
| Target Compounds        |      |    |        |       | Qvalue |    |
|-------------------------|------|----|--------|-------|--------|----|
| 15) Acetone             | 3.87 | 43 | 17444  | 0.117 | ppbv # | 49 |
| 20) Methylene Chloride  | 4.35 | 84 | 3343   | 0.078 | ppbv # | 74 |
| 26) Hexane              | 5.72 | 57 | 3581   | 0.031 | ppbv # | 1  |
| 39) 1,2-Dichloropropane | 7.22 | 63 | 609427 | 6.843 | ppbv # | 21 |

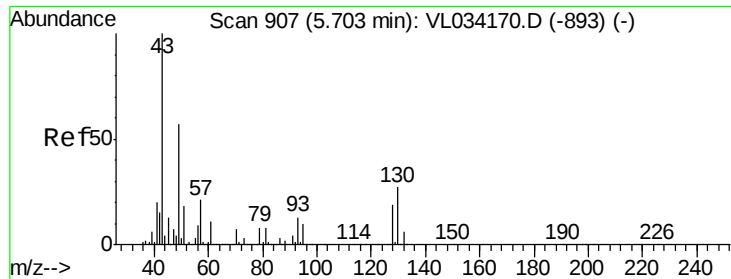
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 12:53:31 2019  
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. -0.01 min

Lab File: VL034194.D

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Instrument :

MSVOA\_L

ClientSampleId :

QC CAN 10326

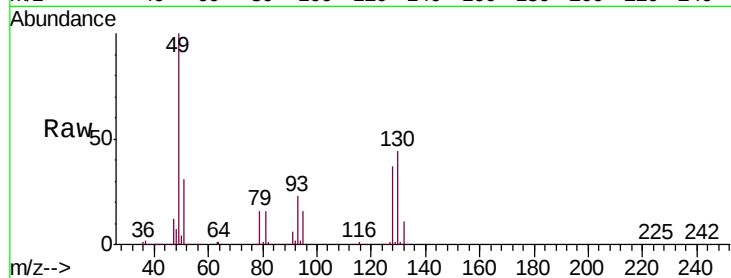
Tgt Ion: 49 Resp: 1108314

Ion Ratio Lower Upper

49 100

128 35.0 17.6 52.9

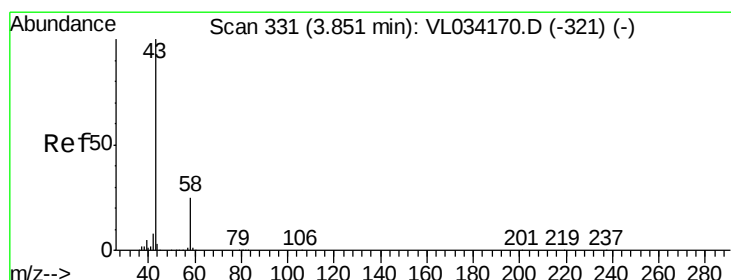
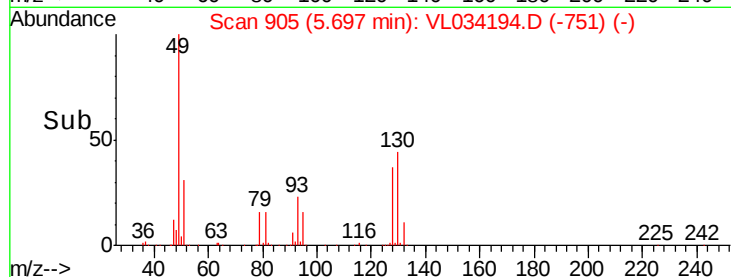
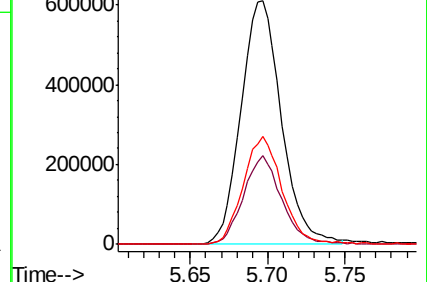
130 43.3 22.3 66.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.117 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL034194.D

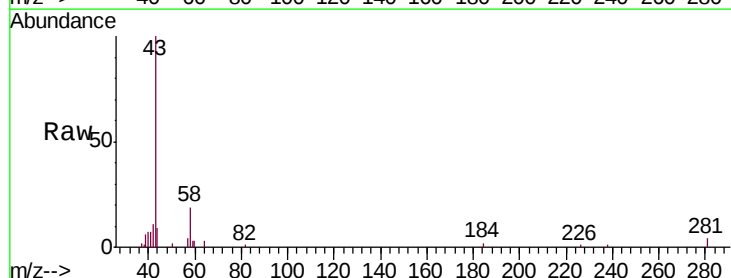
Acq: 18 Sep 2019 22:34

Tgt Ion: 43 Resp: 17444

Ion Ratio Lower Upper

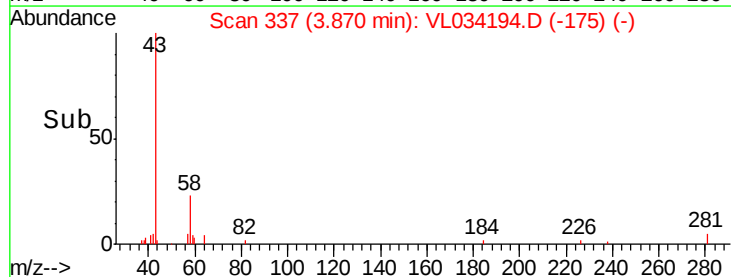
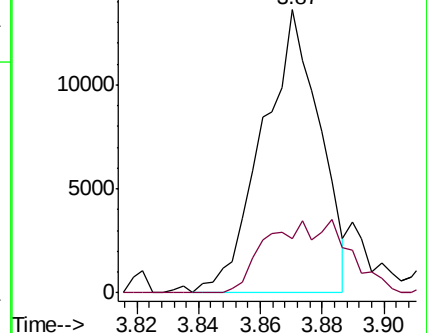
43 100

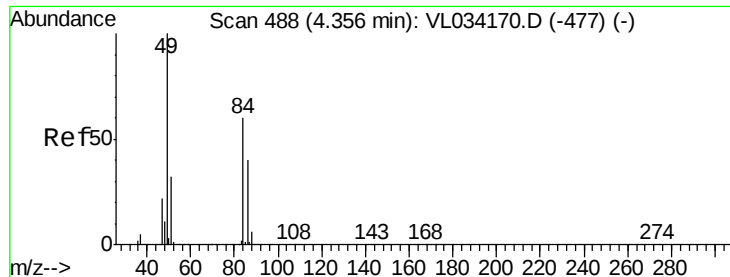
58 0.0 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.078 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL034194.D

Acq: 18 Sep 2019 22:34

Instrument :

MSVOA\_L

ClientSampleId :

QC CAN 10326

Tgt Ion: 84 Resp: 3343

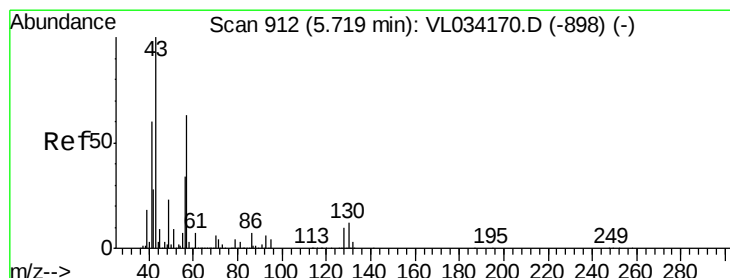
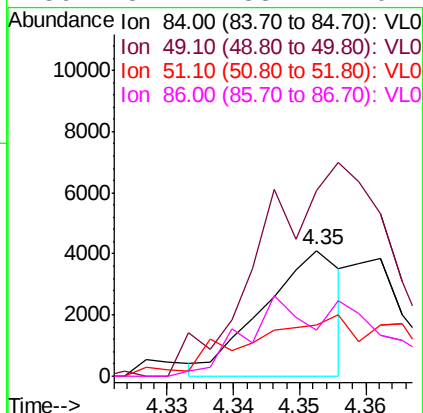
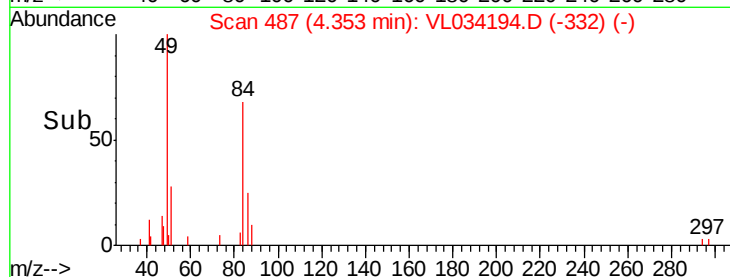
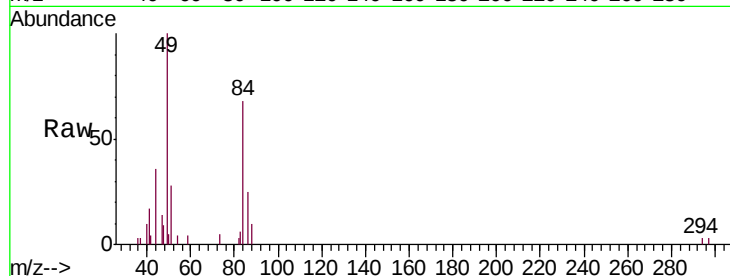
Ion Ratio Lower Upper

84 100

49 134.5 133.8 200.8

51 40.9 43.6 65.4#

86 37.2 53.1 79.7#



#26

Hexane

Concen: 0.031 ppbv

RT: 5.72 min Scan# 911

Delta R.T. -0.00 min

Lab File: VL034194.D

Acq: 18 Sep 2019 22:34

Tgt Ion: 57 Resp: 3581

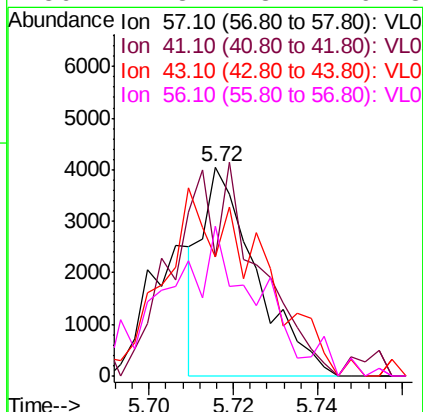
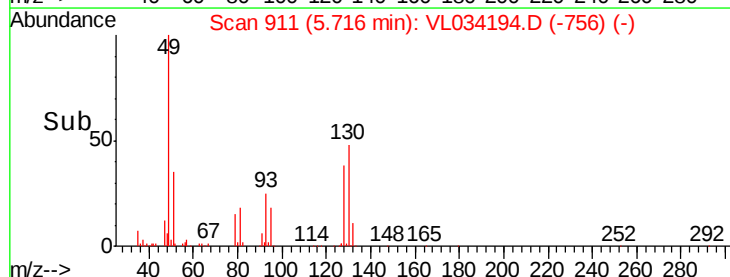
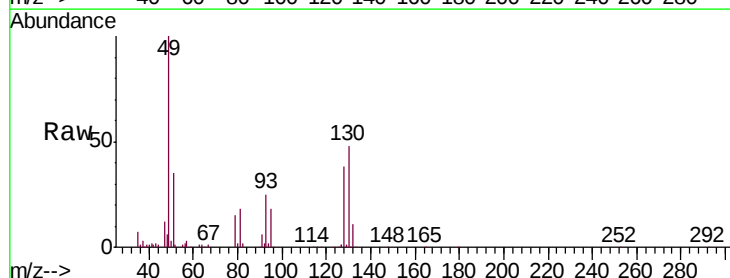
Ion Ratio Lower Upper

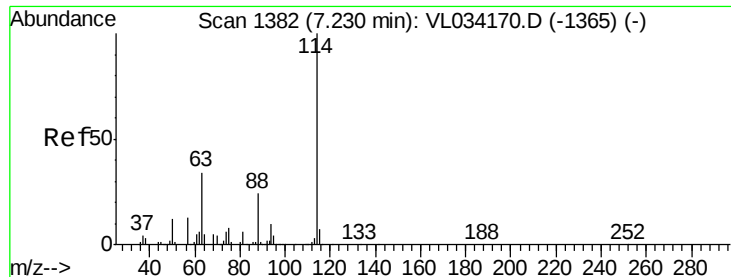
57 100

41 166.7 78.5 117.7#

43 0.0 189.5 284.3#

56 124.3 43.2 64.8#

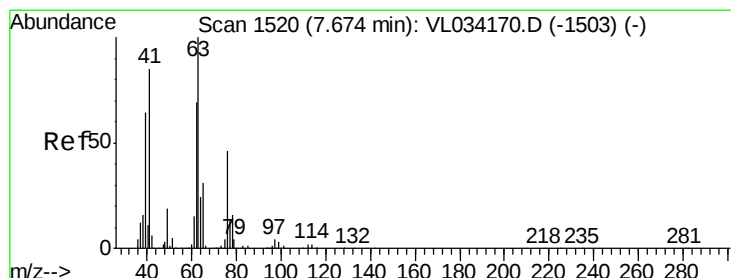
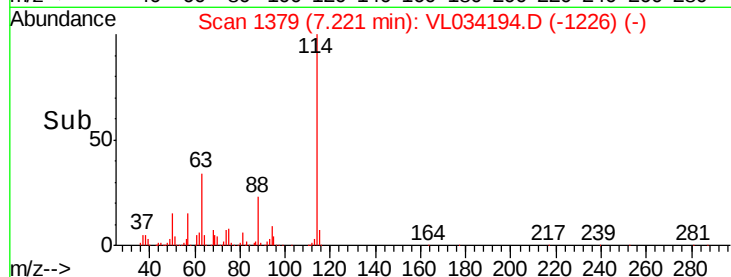
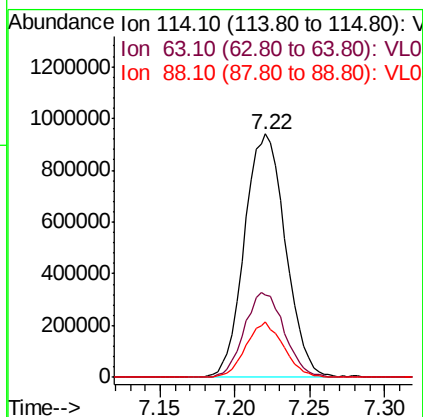
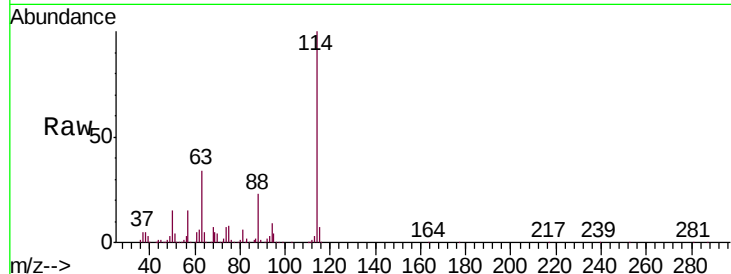




#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.22 min Scan# 1379  
 Delta R.T. -0.01 min  
 Lab File: VL034194.D  
 Acq: 18 Sep 2019 22:34

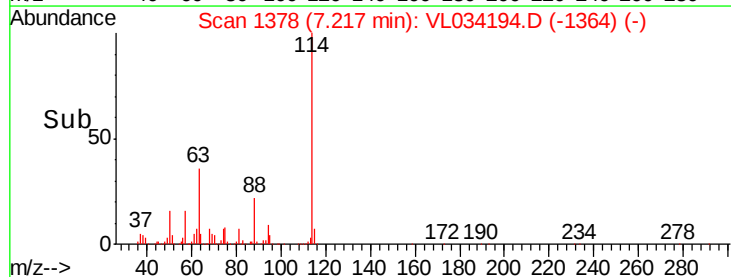
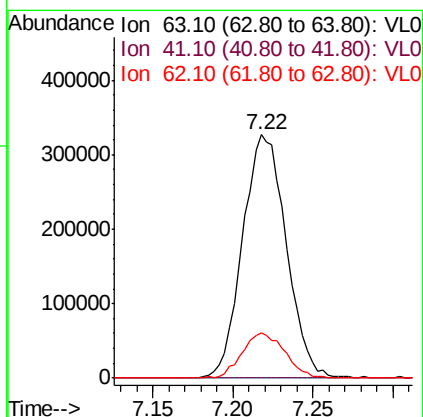
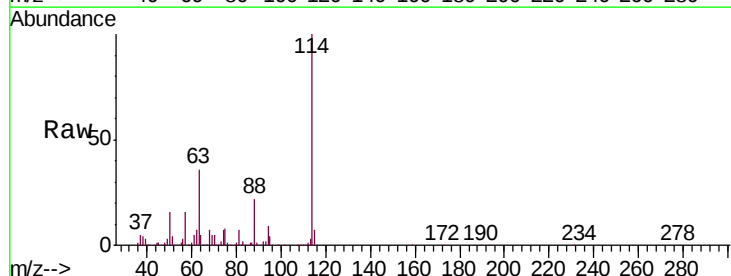
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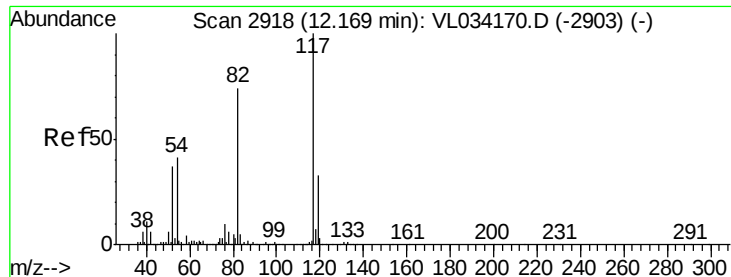
Tgt Ion: 114 Resp: 1794590  
 Ion Ratio Lower Upper  
 114 100  
 63 34.2 27.8 41.6  
 88 21.0 17.1 25.7



#39  
 1,2-Dichloropropane  
 Concen: 6.843 ppbv  
 RT: 7.22 min Scan# 1378  
 Delta R.T. -0.46 min  
 Lab File: VL034194.D  
 Acq: 18 Sep 2019 22:34

Tgt Ion: 63 Resp: 609427  
 Ion Ratio Lower Upper  
 63 100  
 41 0.0 68.4 102.6#  
 62 18.6 55.4 83.2#

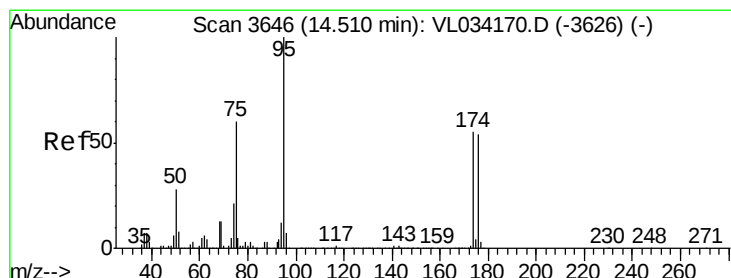
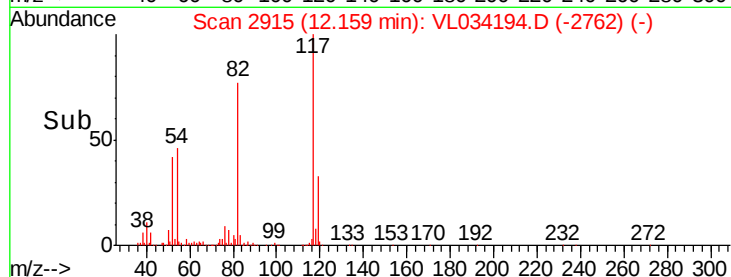
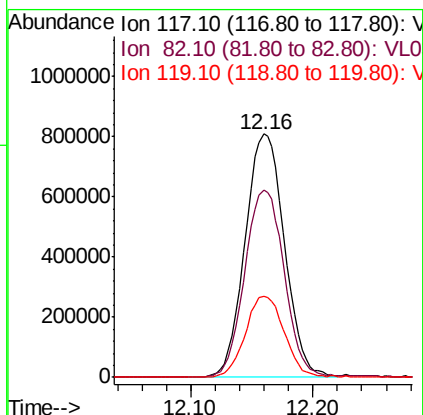
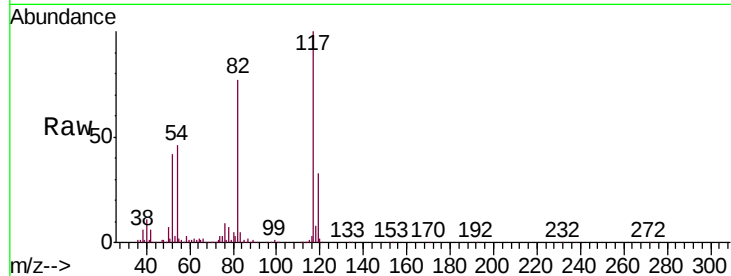




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.16 min Scan# 2915  
Delta R.T. -0.01 min  
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MSVOA\_L  
ClientSampleId :  
QC CAN 10326

Tgt Ion: 117 Resp: 1803888  
Ion Ratio Lower Upper  
117 100  
82 78.1 58.2 87.4  
119 33.3 23.7 35.5



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.244 ppbv  
RT: 14.50 min Scan# 3642  
Delta R.T. -0.01 min  
Lab File: VL034194.D  
Acq: 18 Sep 2019 22:34

Tgt Ion: 95 Resp: 1605645  
Ion Ratio Lower Upper  
95 100  
174 56.4 45.1 67.7  
175 3.8 3.3 4.9

