

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034438.D
 Acq On : 2 Dec 2019 22:38
 Operator : SY/AP
 Sample : K6068-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Quant Time: Dec 03 11:23:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	756749	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1513742	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1488395	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1269632	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

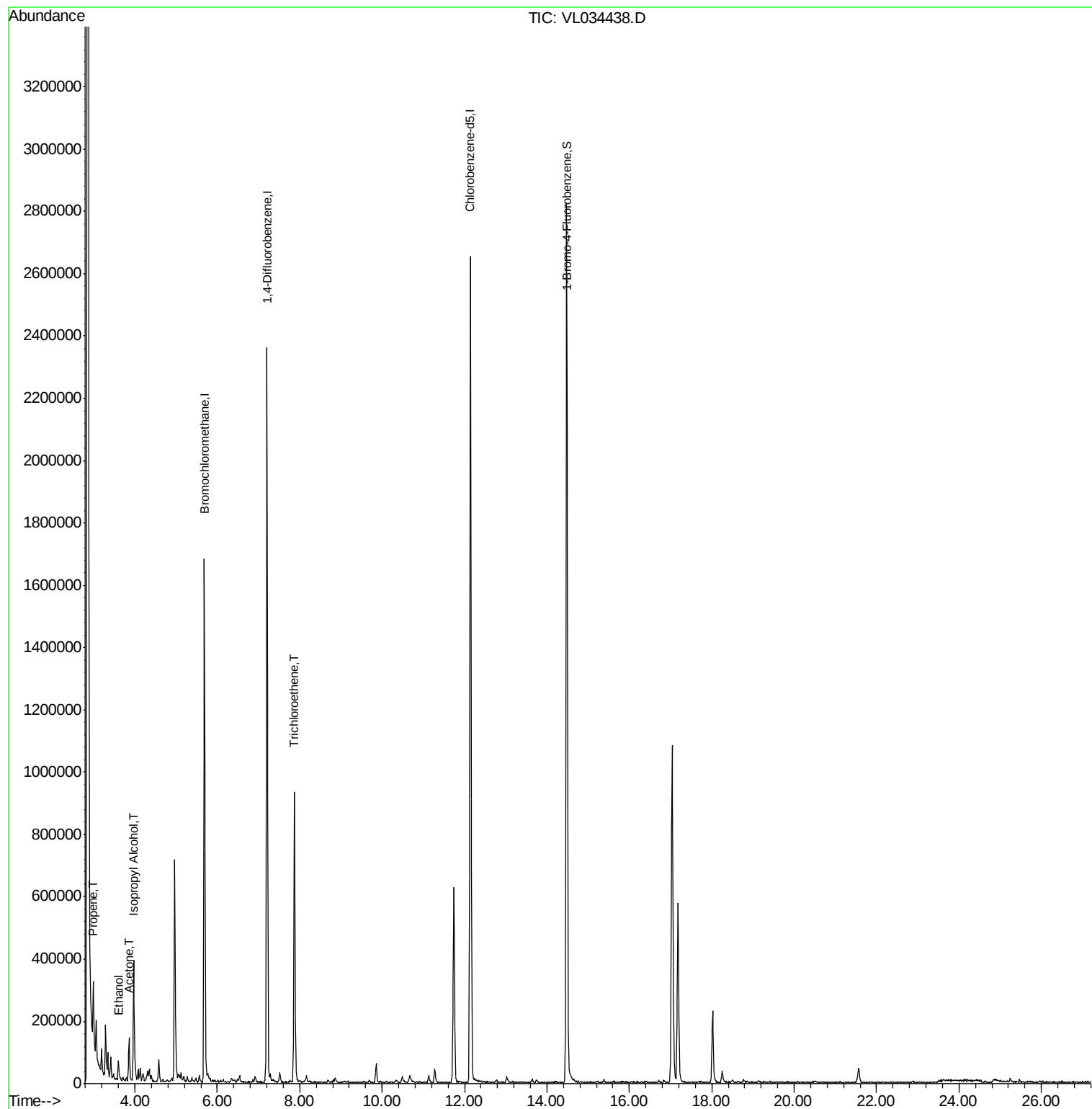
Target Compounds					Ovalue
9) Propene	2.99	41	73996	1.765	ppbv 98
13) Ethanol	3.60	45	57556	4.929	ppbv 93
15) Acetone	3.85	43	128914	1.190	ppbv 98
19) Isopropyl Alcohol	3.97	45	379342	5.461	ppbv # 99
38) Trichloroethene	7.88	130	257284	4.143	ppbv 96

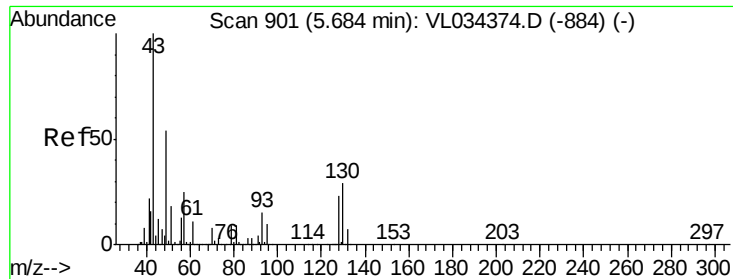
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL034438.D

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Instrument :

MSVOA_L

ClientSampleId :

SV-1DL2

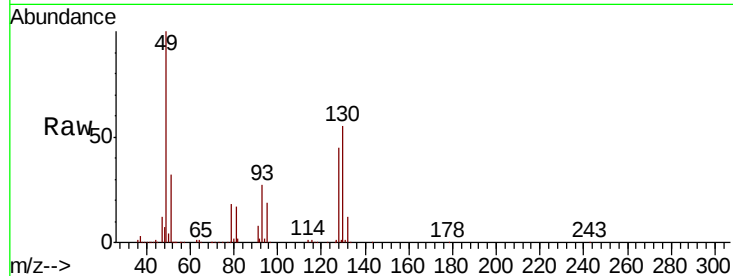
Tot Ion: 49 Resp: 756749

Ion Ratio Lower Upper

49 100

128 44.5 21.8 65.3

130 56.7 28.0 84.0



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

5.68

400000

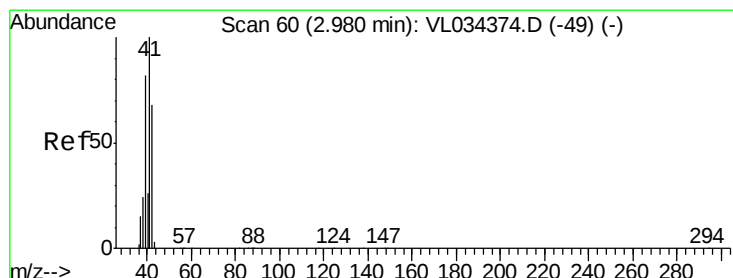
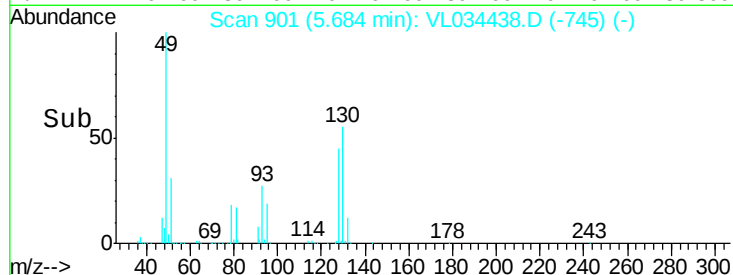
300000

200000

100000

0

Time-->



#9

Propene

Concen: 1.765 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.01 min

Lab File: VL034438.D

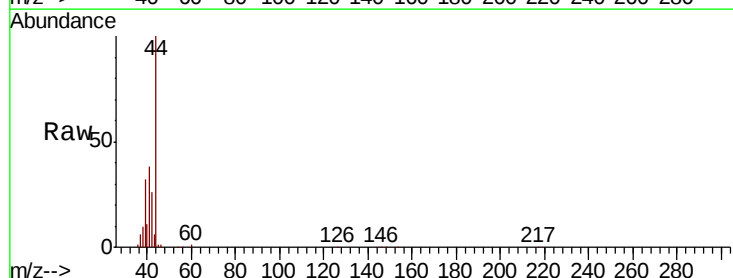
Acq: 2 Dec 2019 22:38

Tgt Ion: 41 Resp: 73996

Ion Ratio Lower Upper

41 100

42 66.5 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.99

60000

50000

40000

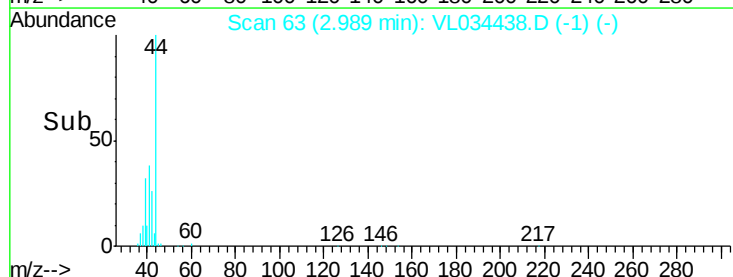
30000

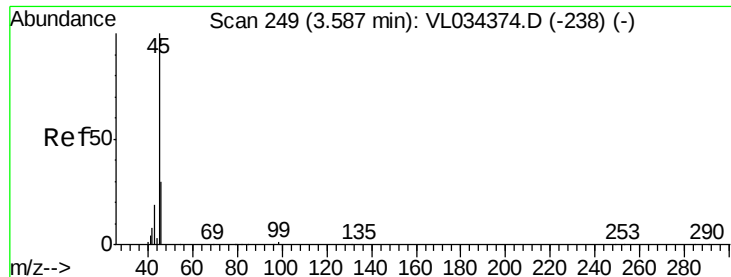
20000

10000

0

Time-->





#13

Ethanol

Concen: 4.929 ppbv

RT: 3.60 min Scan# 253

Delta R.T. 0.01 min

Lab File: VL034438.D

Acq: 2 Dec 2019 22:38

Instrument :

MSVOA_L

ClientSampleId :

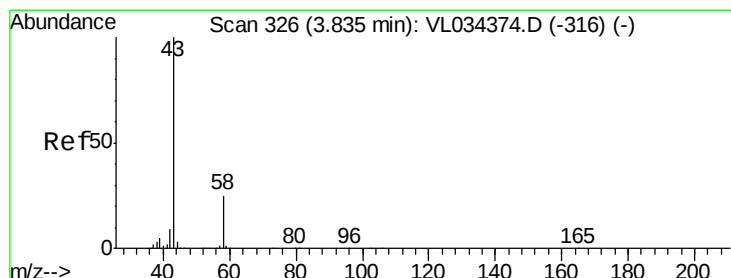
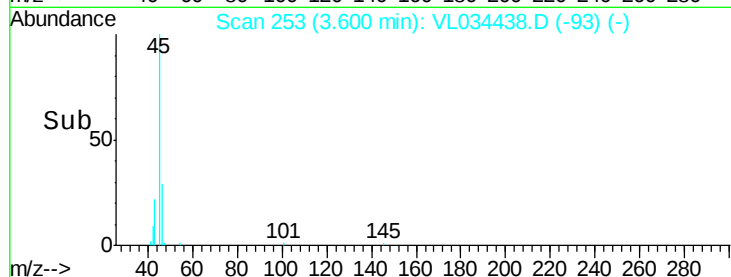
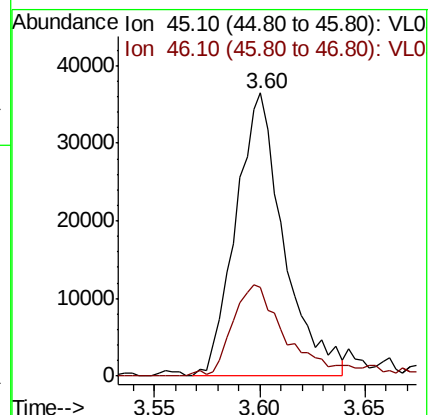
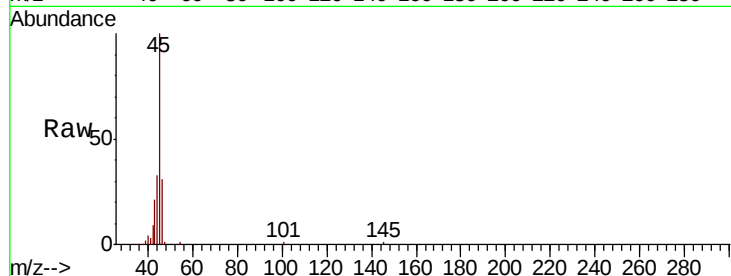
SV-1DL2

Tot Ion: 45 Resp: 57556

Ion Ratio Lower Upper

45 100

46 38.5 13.8 55.4



#15

Acetone

Concen: 1.190 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL034438.D

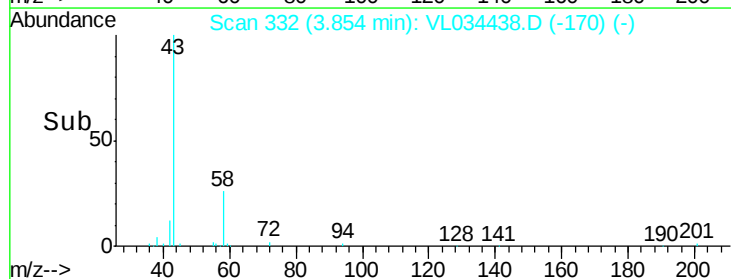
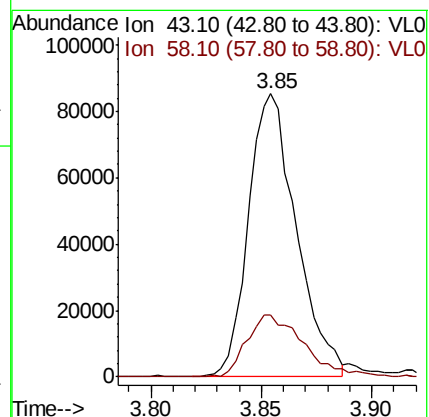
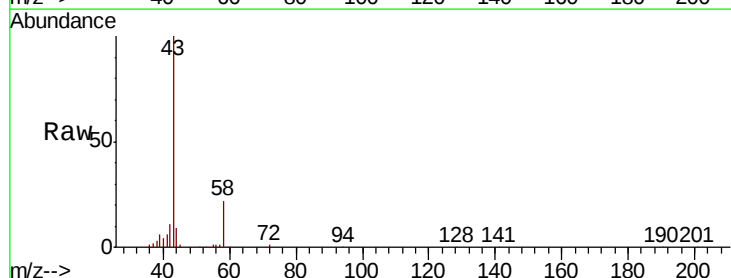
Acq: 2 Dec 2019 22:38

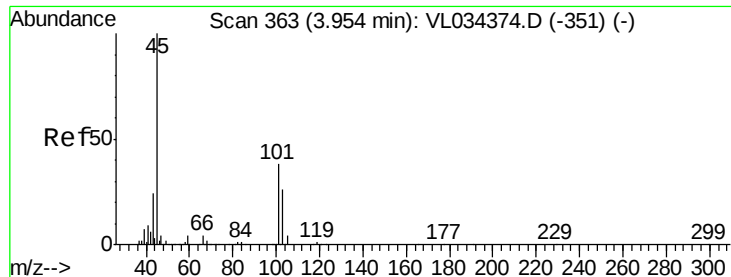
Tgt Ion: 43 Resp: 128914

Ion Ratio Lower Upper

43 100

58 26.4 20.2 30.4





#19

Isopropyl Alcohol

Concen: 5.461 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL034438.D

Acq: 2 Dec 2019 22:38

Instrument :

MSVOA_L

ClientSampleId :

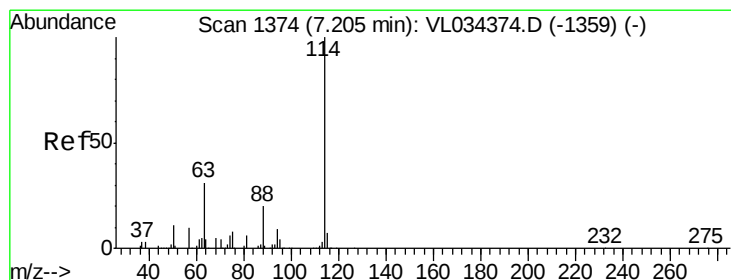
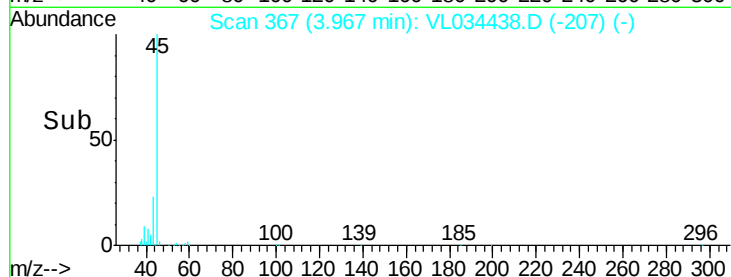
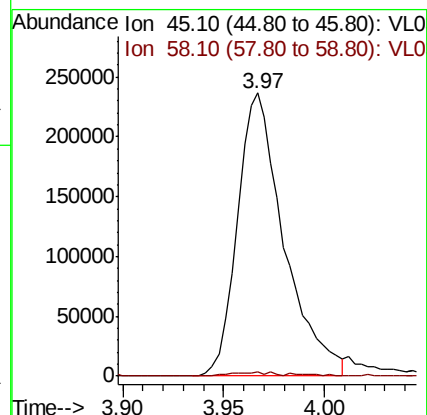
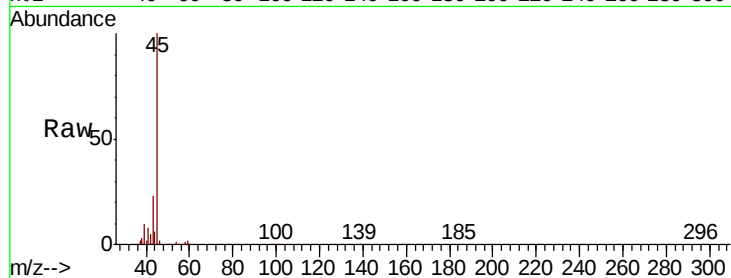
SV-1DL2

Tot Ion: 45 Resp: 379342

Ion Ratio Lower Upper

45 100

58 2.1 1.3 1.9#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VL034438.D

Acq: 2 Dec 2019 22:38

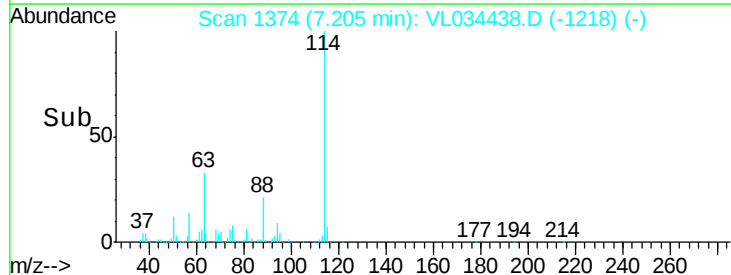
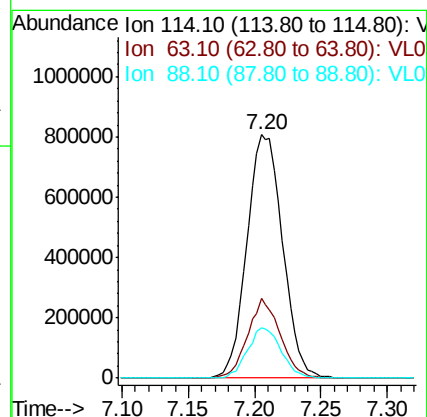
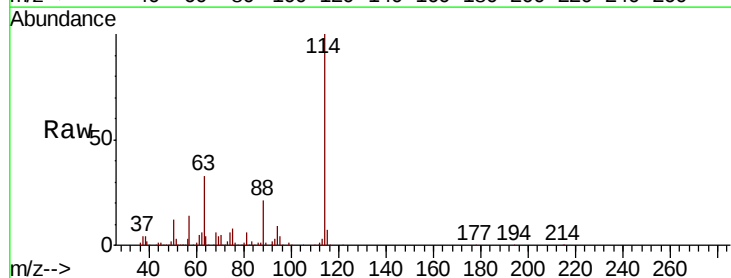
Tgt Ion: 114 Resp: 1513742

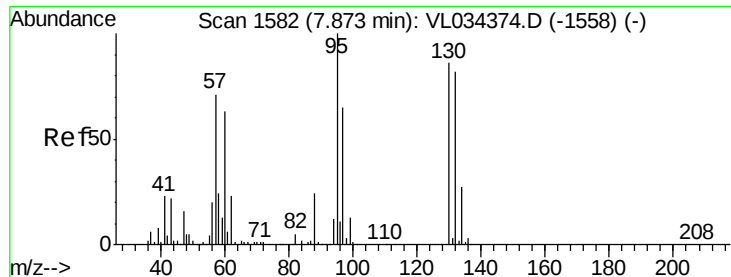
Ion Ratio Lower Upper

114 100

63 29.7 24.2 36.4

88 19.5 15.9 23.9

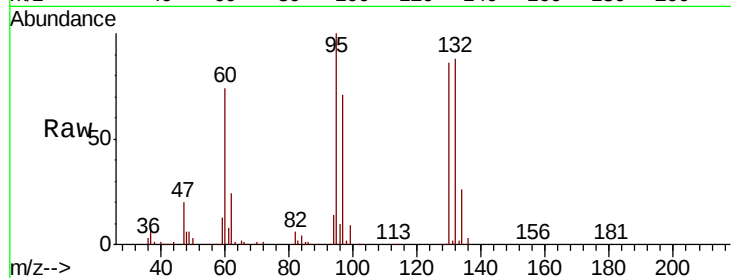




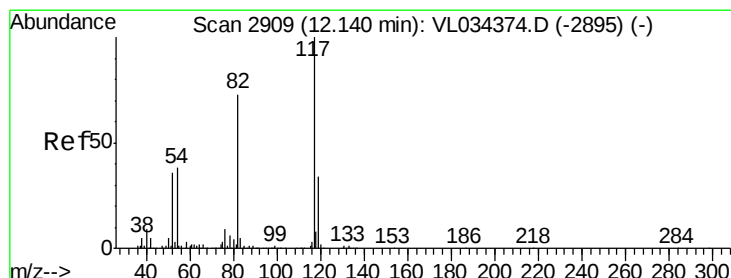
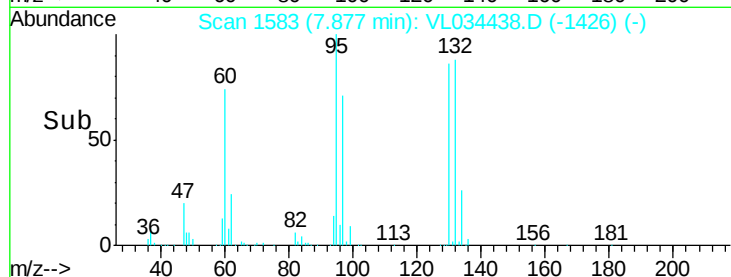
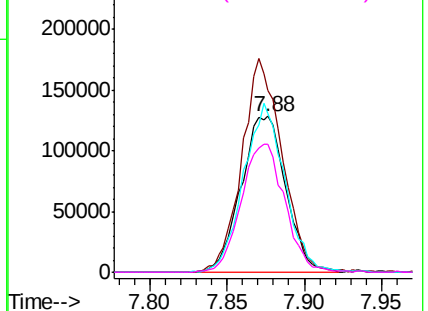
#38
 Trichloroethene
 Concen: 4.143 ppbv
 RT: 7.88 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VL034438.D
 Acq: 2 Dec 2019 22:38

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Tot Ion:130 Resp: 257284
 Ion Ratio Lower Upper
 130 100
 95 116.2 93.4 140.0
 132 102.2 76.4 114.6
 97 82.5 61.1 91.7

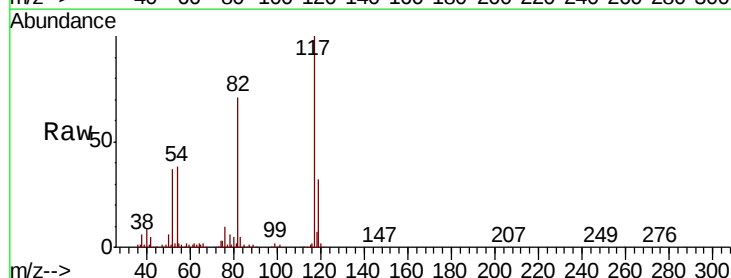


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

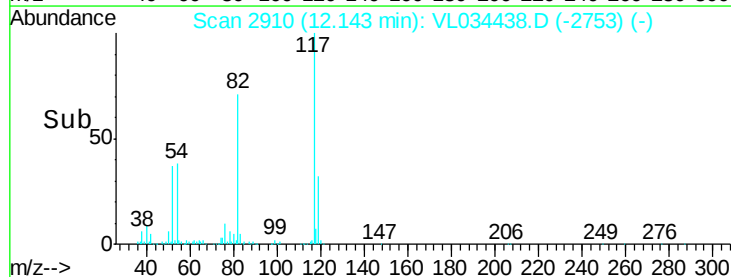
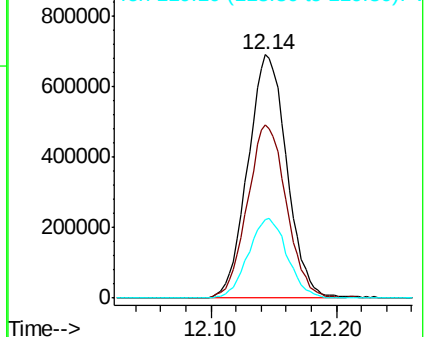


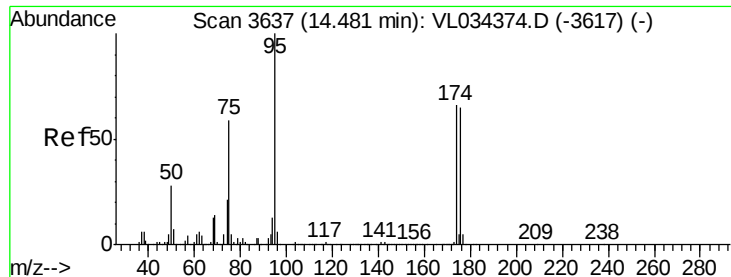
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.14 min Scan# 2910
 Delta R.T. 0.00 min
 Lab File: VL034438.D
 Acq: 2 Dec 2019 22:38

Tgt Ion:117 Resp: 1488395
 Ion Ratio Lower Upper
 117 100
 82 71.8 57.5 86.3
 119 32.8 25.4 38.2



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: 10.140 ppbv

RT: 14.48 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VL034438.D

Acq: 2 Dec 2019 22:38

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL2

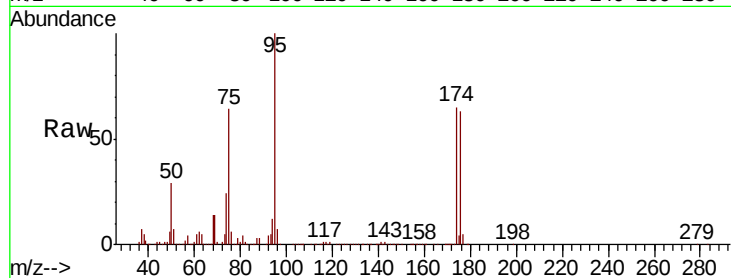
Tot Ion: 95 Resp: 1269632

Ion Ratio Lower Upper

95 100

174 64.0 52.2 78.2

175 4.7 3.8 5.8



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

