

Data File : VL031877.D
Acq On : 12 Apr 2018 22:41
Operator : SY/AP
Sample : J2191-06DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-040218DL

Quant Time: Apr 14 01:38:44 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1367733	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2827473	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2696264	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	2167378	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.16	85	15781	0.06	ppbv	90
11) Trichlorofluoromethane	4.11	101	36116	0.13	ppbv	84
12) 1,1,2-Trichlorotrifluoroet	4.67	101	9154	0.05	ppbv #	53
15) Acetone	4.03	43	51363	0.24	ppbv	98
20) Methylene Chloride	4.52	84	92408	1.21	ppbv #	88
24) 1,1-Dichloroethane	5.21	63	145874	0.69	ppbv	97
31) cis-1,2-Dichloroethene	5.76	61	39188	0.28	ppbv	91
32) 1,1,1-Trichloroethane	6.76	97	114159	0.45	ppbv	98
38) Trichloroethene	8.11	130	37285	0.36	ppbv	90
39) 1,2-Dichloropropane	7.43	63	746622	7.90	ppbv #	22

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

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Misc : 400ml/MSVOA_L

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Instrument :

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SVE-INF1-040218DL

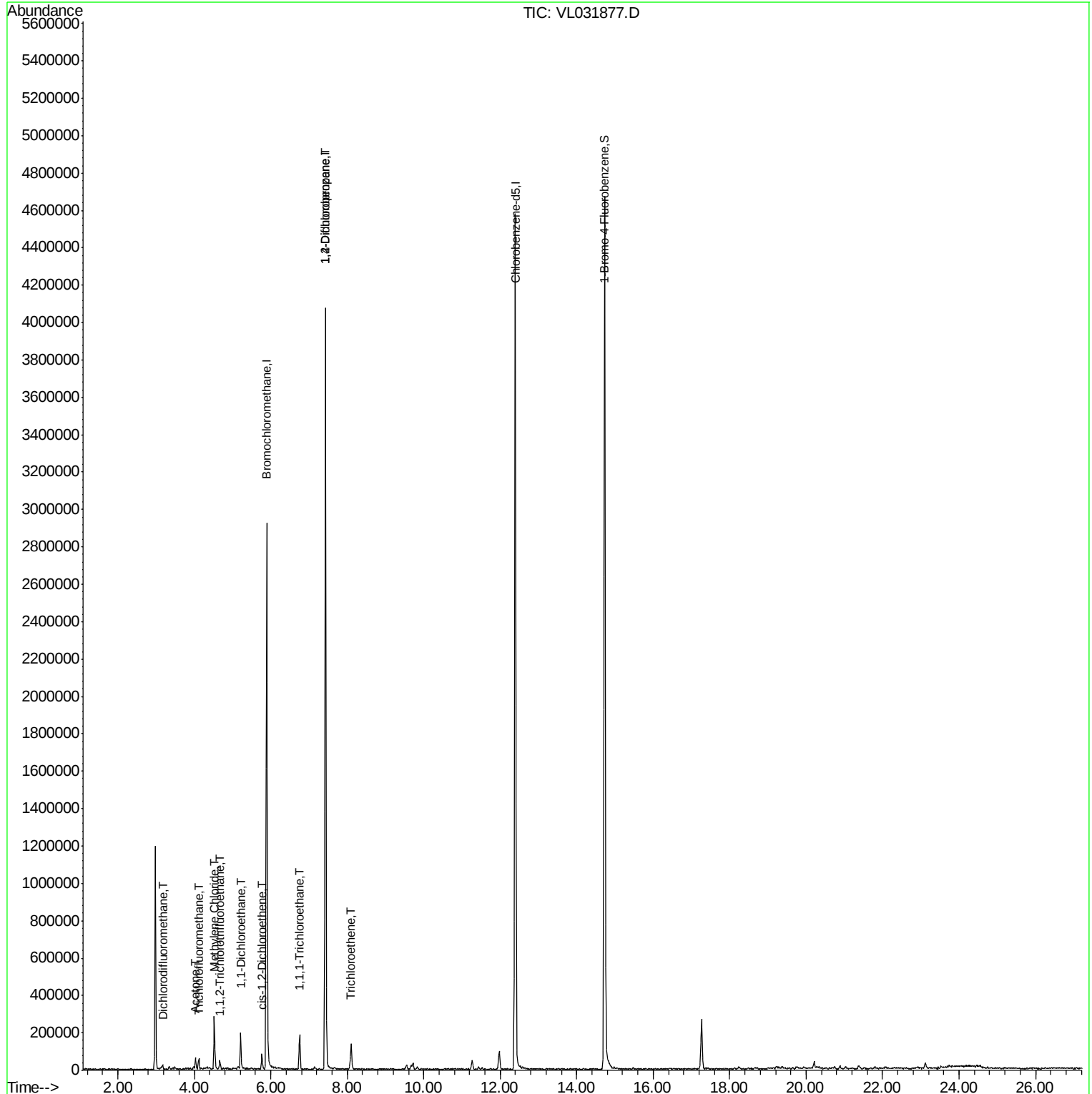
Quant Time: Apr 14 01:38:44 2018

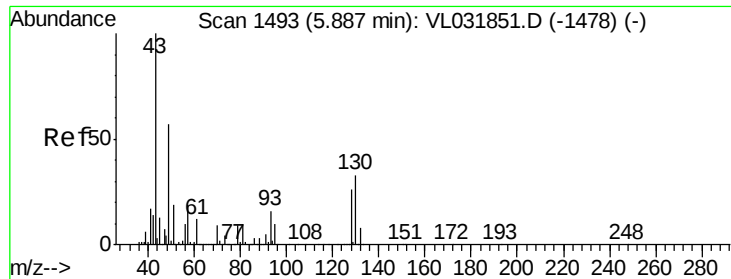
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018

QLast Update : Fri Apr 13 16:50:02 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.89 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VL031877.D

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Instrument :

MSVOA_L

ClientSampleId :

SVE-INF1-040218DL

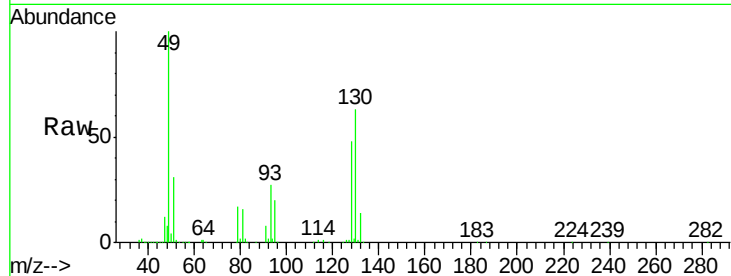
Tgt Ion: 49 Resp: 1367733

Ion Ratio Lower Upper

49 100

128 48.2 23.9 71.7

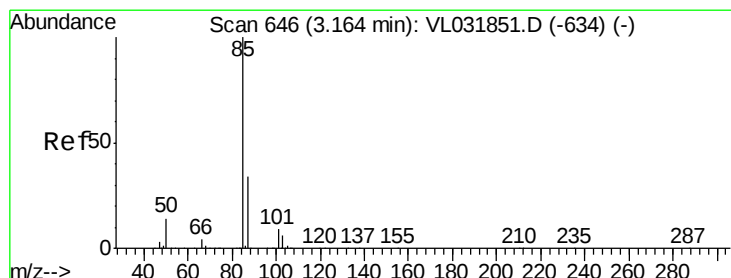
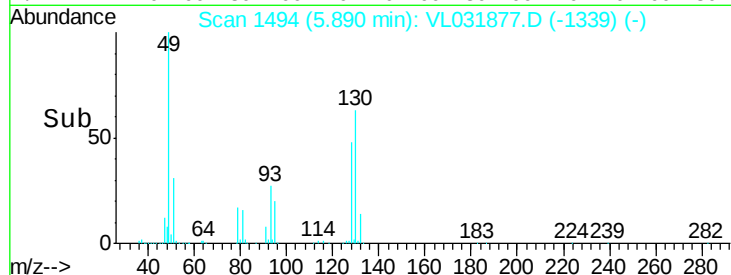
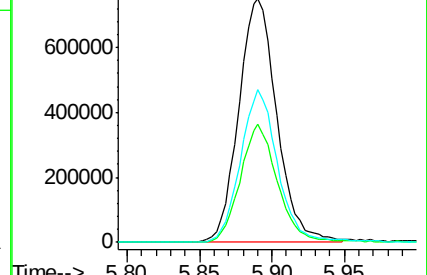
130 61.7 30.9 92.7



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



#2

Dichlorodifluoromethane

Concen: 0.06 ppbv

RT: 3.16 min Scan# 646

Delta R.T. -0.00 min

Lab File: VL031877.D

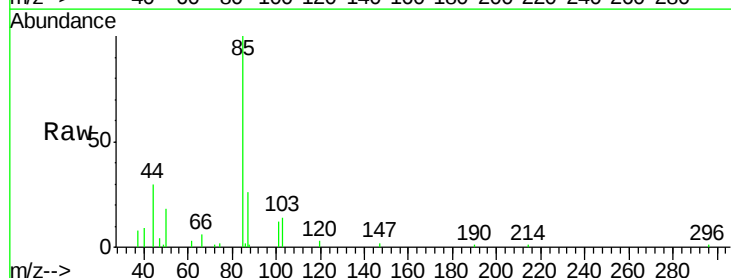
Acq: 12 Apr 2018 22:41

Tgt Ion: 85 Resp: 15781

Ion Ratio Lower Upper

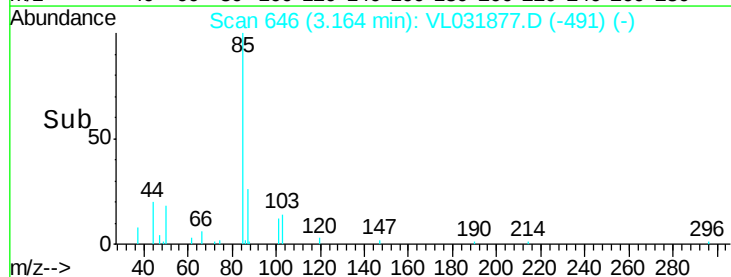
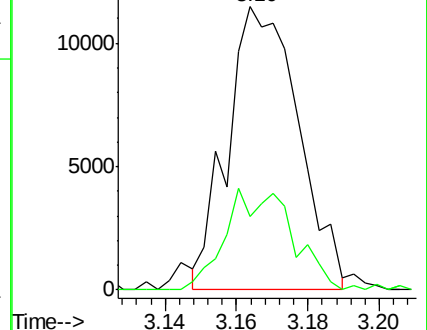
85 100

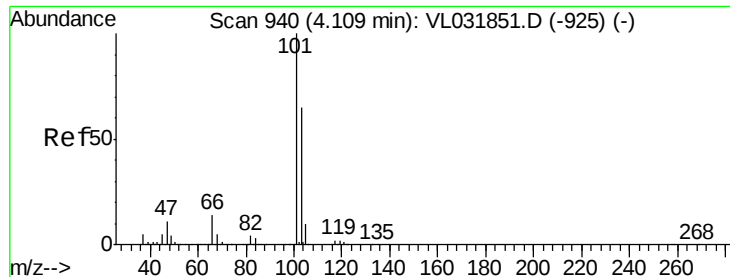
87 27.0 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#11

Trichlorofluoromethane

Concen: 0.13 ppbv

RT: 4.11 min Scan# 941

Delta R.T. 0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Instrument :

MSVOA_L

ClientSampleId :

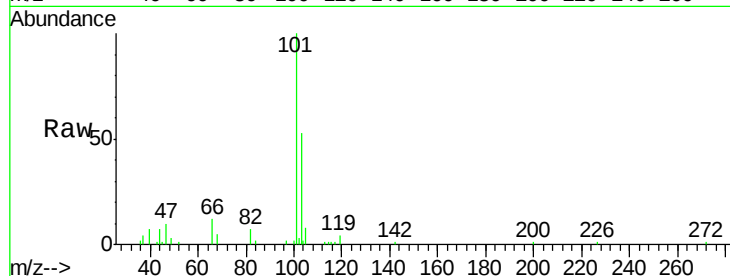
SVE-INF1-040218DL

Tgt Ion:101 Resp: 36116

Ion Ratio Lower Upper

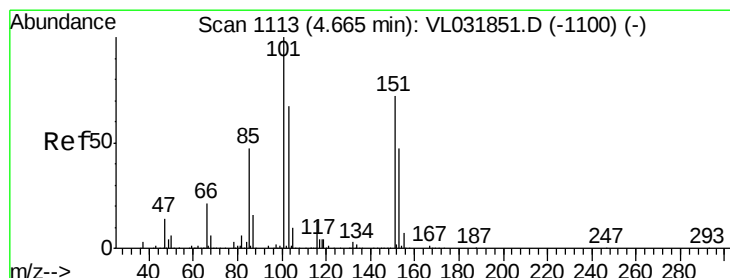
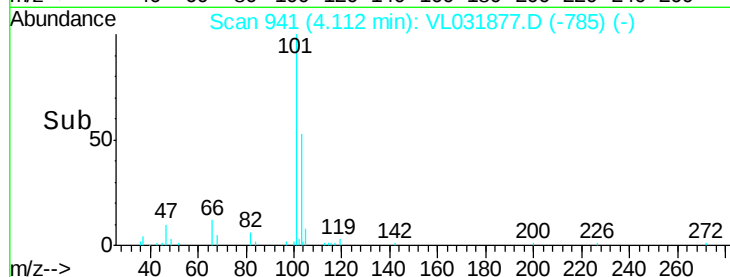
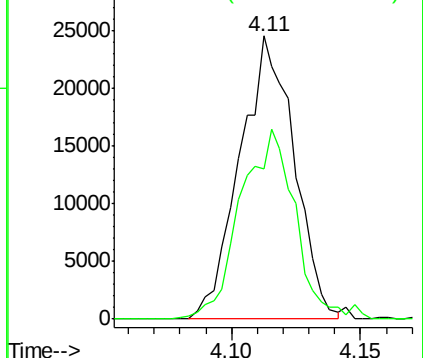
101 100

103 52.0 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.05 ppbv

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VL031877.D

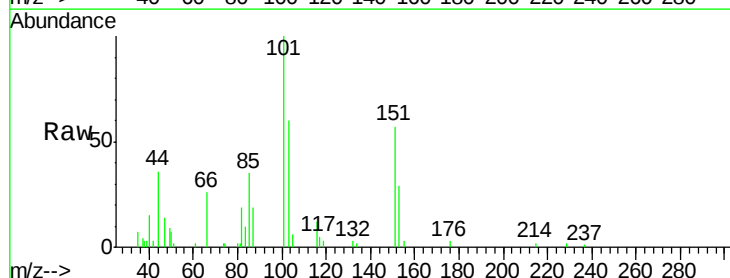
Acq: 12 Apr 2018 22:41

Tgt Ion:101 Resp: 9154

Ion Ratio Lower Upper

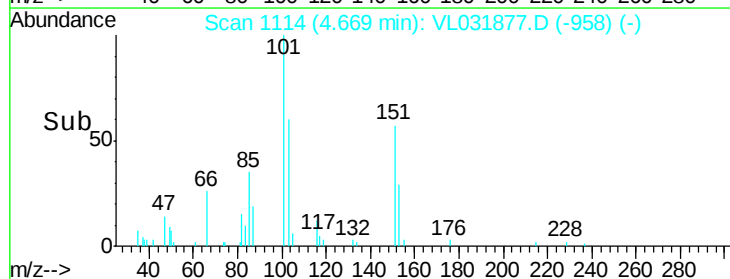
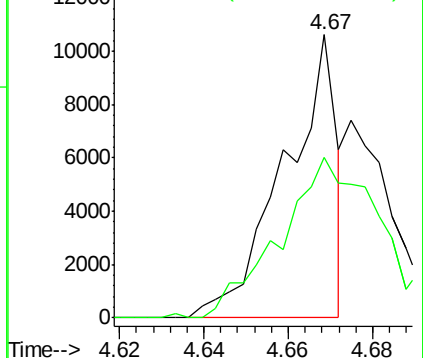
101 100

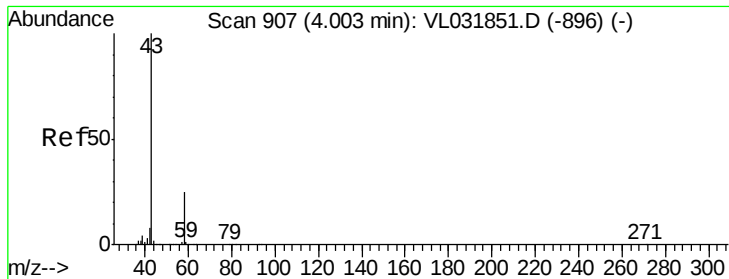
151 110.3 57.0 85.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

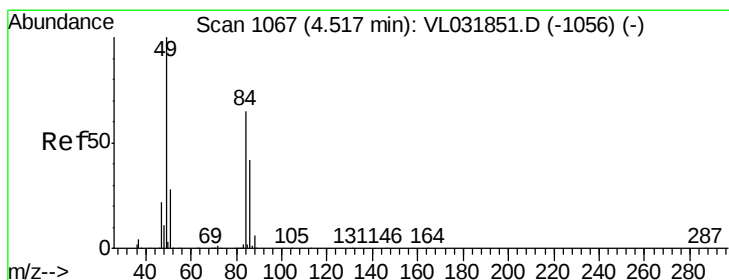
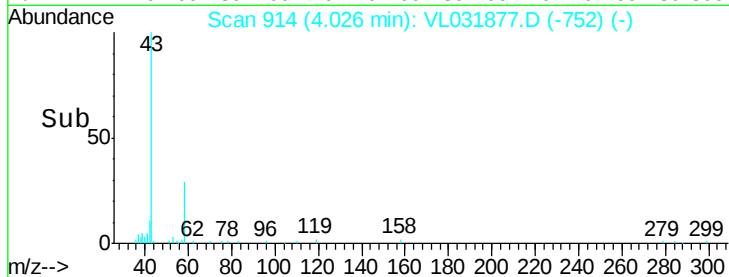
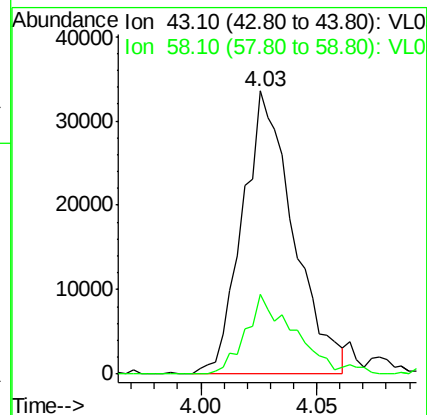
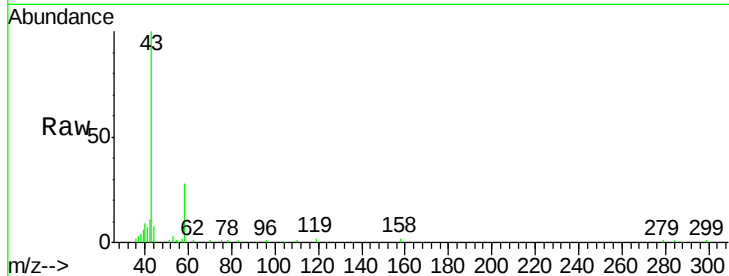




#15
Acetone
Concen: 0.24 ppbv
RT: 4.03 min Scan# 914
Delta R.T. 0.02 min
Lab File: VL031877.D
Acq: 12 Apr 2018 22:41

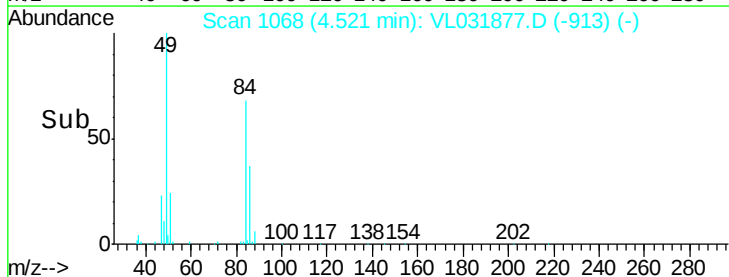
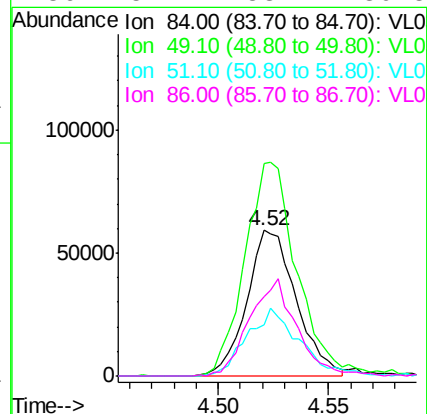
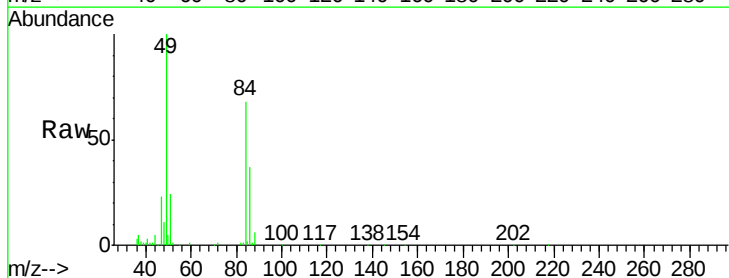
Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-040218DL

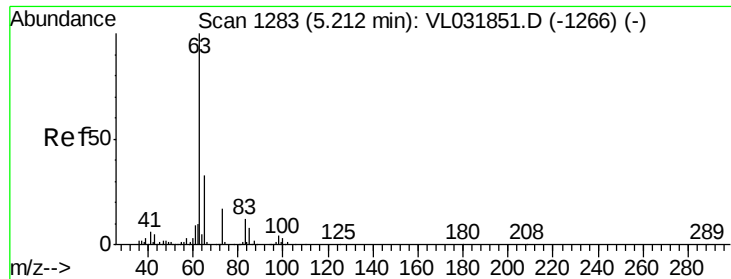
Tgt Ion: 43 Resp: 51363
Ion Ratio Lower Upper
43 100
58 27.4 20.9 31.3



#20
Methylene Chloride
Concen: 1.21 ppbv
RT: 4.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VL031877.D
Acq: 12 Apr 2018 22:41

Tgt Ion: 84 Resp: 92408
Ion Ratio Lower Upper
84 100
49 146.1 125.6 188.4
51 35.0 36.4 54.6#
86 54.2 53.7 80.5





#24

1,1-Dichloroethane

Concen: 0.69 ppbv

RT: 5.21 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF1-040218DL

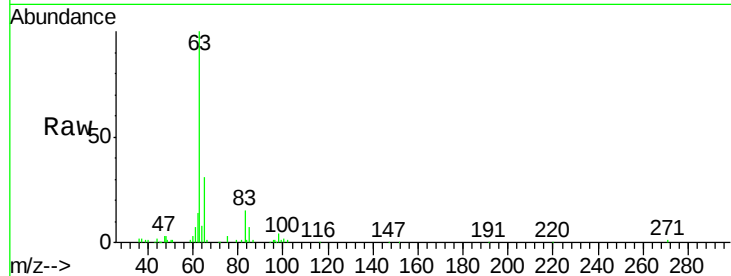
Tgt Ion: 63 Resp: 145874

Ion Ratio Lower Upper

63 100

98 3.9 2.4 7.2

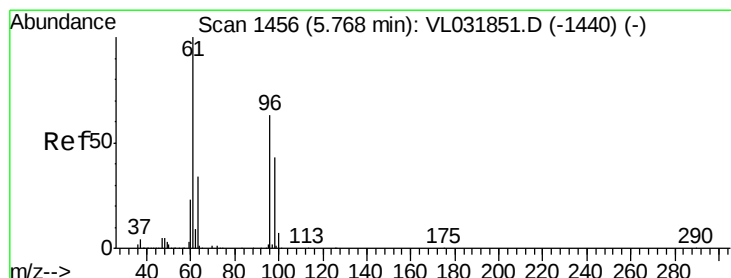
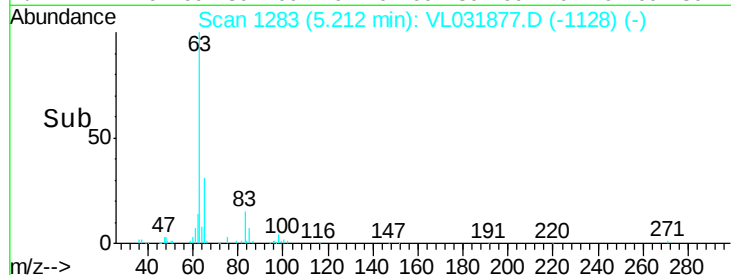
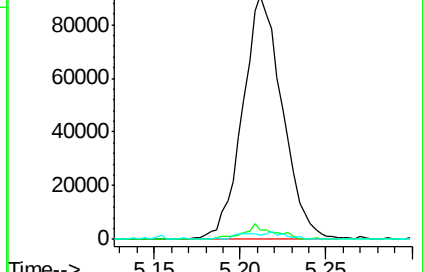
100 1.7 1.5 4.4



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.28 ppbv

RT: 5.76 min Scan# 1455

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

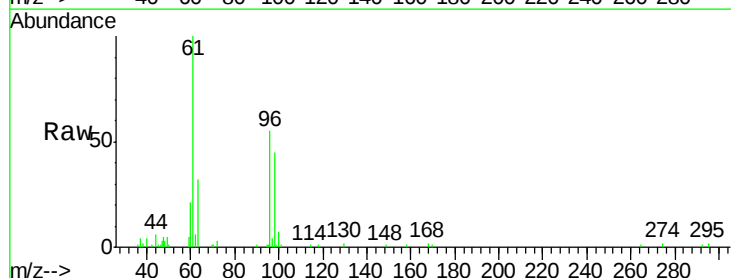
Tgt Ion: 61 Resp: 39188

Ion Ratio Lower Upper

61 100

96 50.4 47.6 71.4

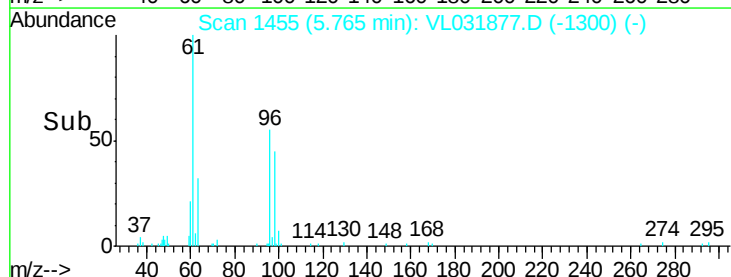
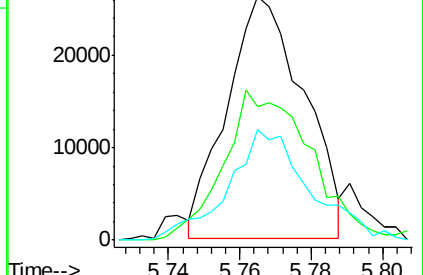
98 40.2 30.3 45.5

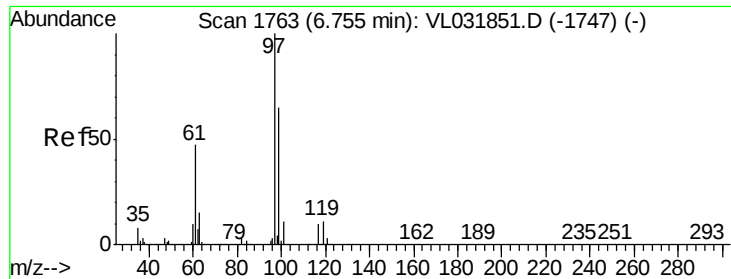


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0





#32

1,1,1-Trichloroethane

Concen: 0.45 ppbv

RT: 6.76 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF1-040218DL

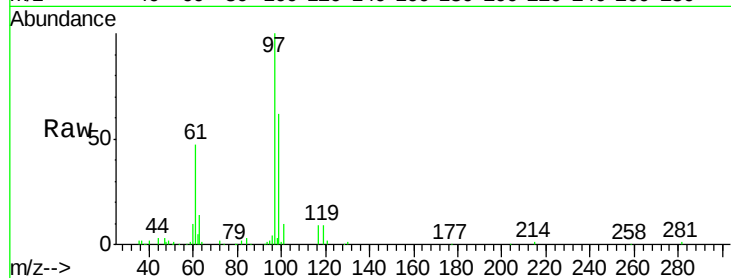
Tgt Ion: 97 Resp: 114159

Ion Ratio Lower Upper

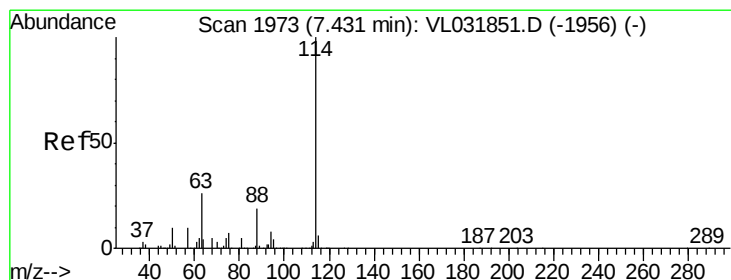
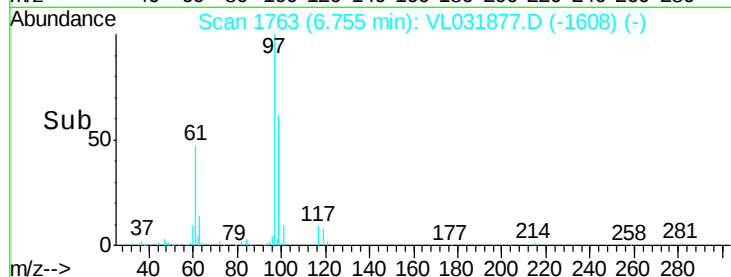
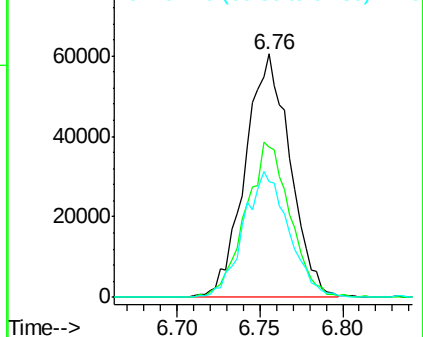
97 100

99 63.0 51.5 77.3

61 52.0 40.0 60.0



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

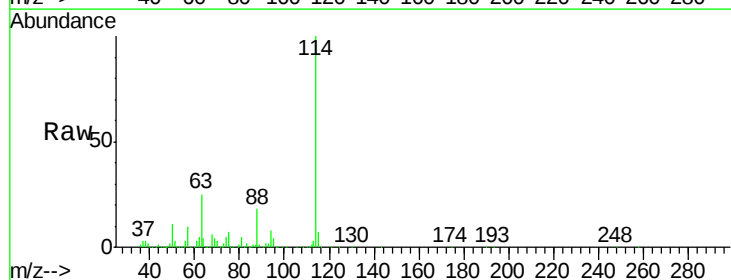
Tgt Ion: 114 Resp: 2827473

Ion Ratio Lower Upper

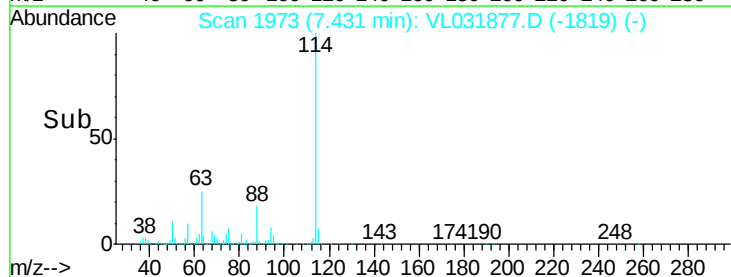
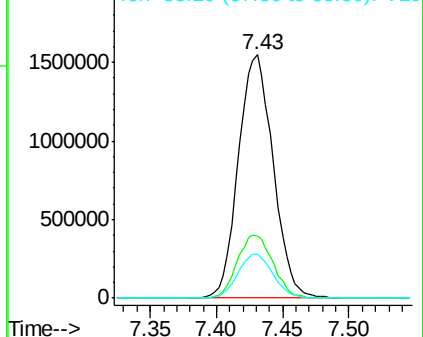
114 100

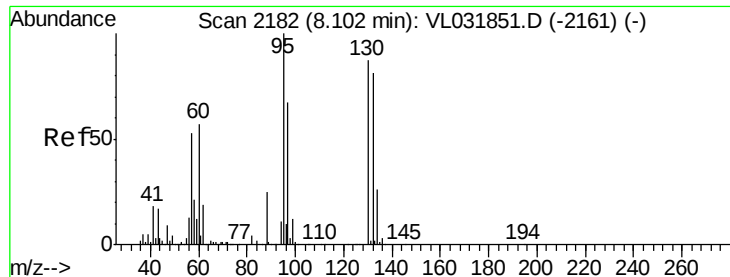
63 26.7 21.8 32.6

88 18.4 14.6 22.0



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#38

Trichloroethene

Concen: 0.36 ppbv

RT: 8.11 min Scan# 2183

Delta R.T. 0.00 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

Instrument :

MSVOA_L

ClientSampleId :

SVE-INF1-040218DL

Tgt Ion:130 Resp: 37285

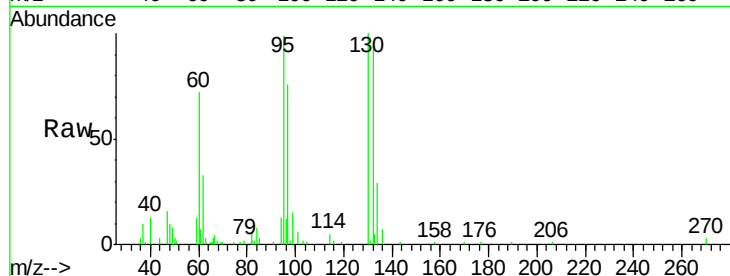
Ion Ratio Lower Upper

130 100

95 97.5 96.6 144.8

132 97.5 79.1 118.7

97 75.0 61.5 92.3

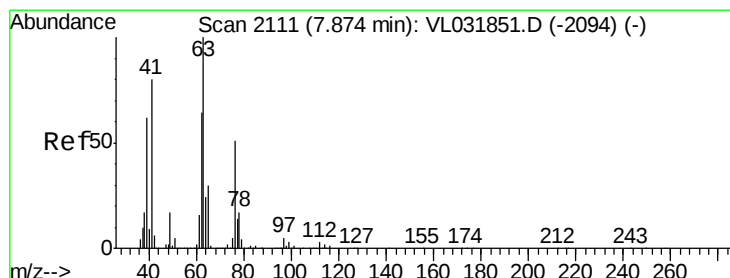
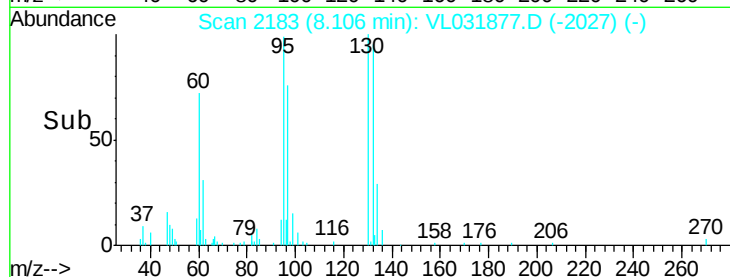
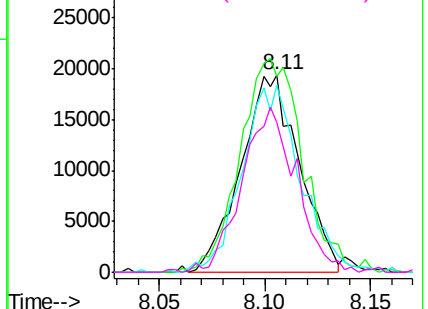


Abundance Ion 130.00 (129.70 to 130.70): V

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



#39

1,2-Dichloropropane

Concen: 7.90 ppbv

RT: 7.43 min Scan# 1972

Delta R.T. -0.45 min

Lab File: VL031877.D

Acq: 12 Apr 2018 22:41

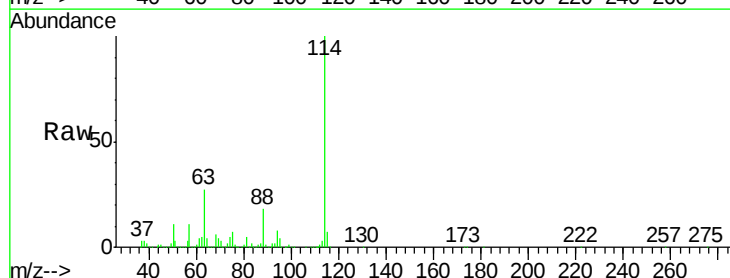
Tgt Ion: 63 Resp: 746622

Ion Ratio Lower Upper

63 100

41 0.1 65.8 98.6#

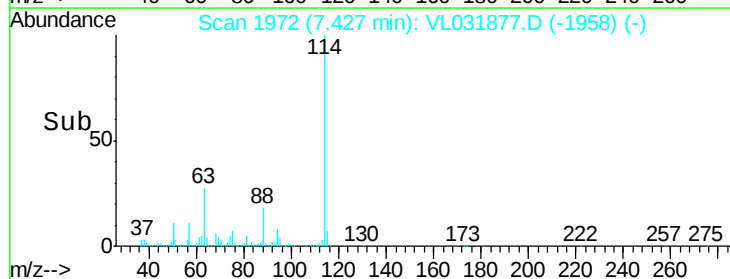
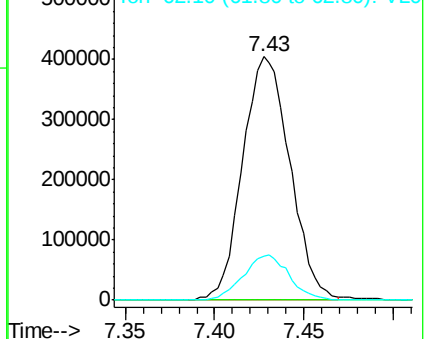
62 17.9 55.0 82.6#

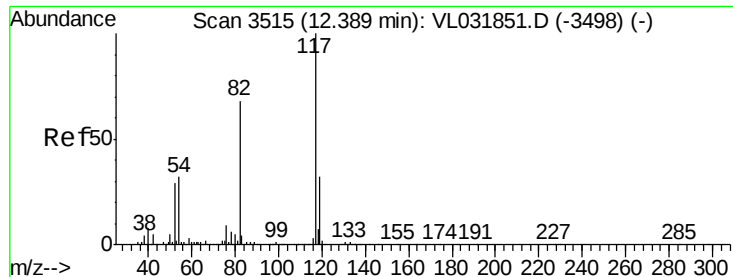


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

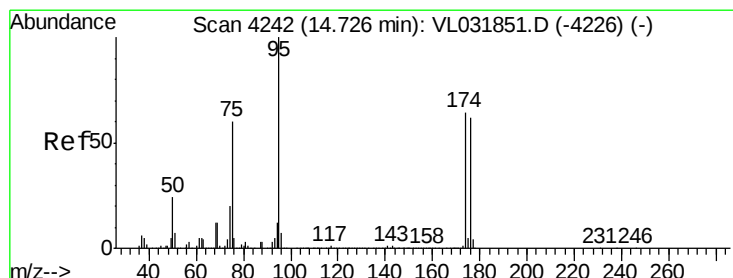
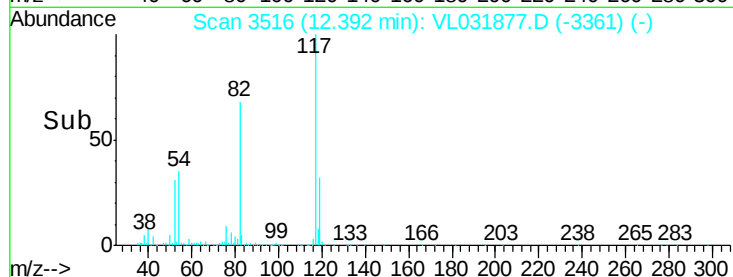
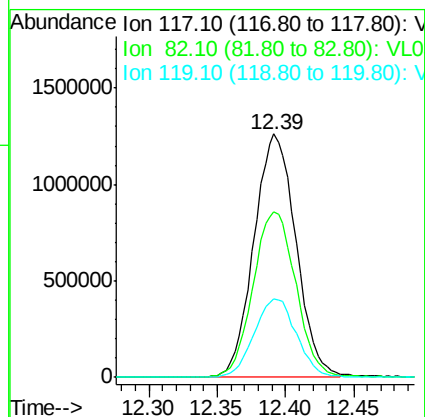
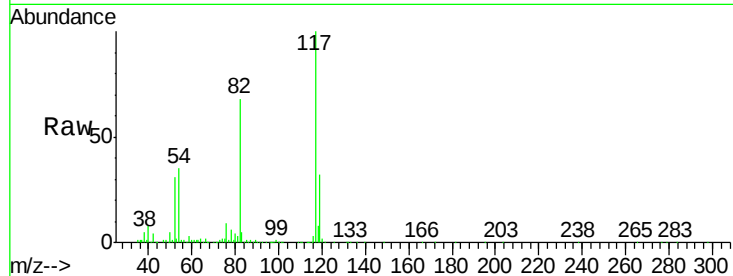




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. -0.00 min
Lab File: VL031877.D
Acq: 12 Apr 2018 22:41

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-040218DL

Tgt Ion: 117 Resp: 2696264
Ion Ratio Lower Upper
117 100
82 70.1 54.6 81.8
119 32.7 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.00 ppbv
RT: 14.73 min Scan# 4243
Delta R.T. -0.00 min
Lab File: VL031877.D
Acq: 12 Apr 2018 22:41

Tgt Ion: 95 Resp: 2167378
Ion Ratio Lower Upper
95 100
174 65.4 52.3 78.5
175 4.7 3.9 5.9

