

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035122.D
 Acq On : 30 Jun 2020 12:49
 Operator : SY/AP
 Sample : VL0630ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 02:55:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1162752	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2734386	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2580382	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2202103	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

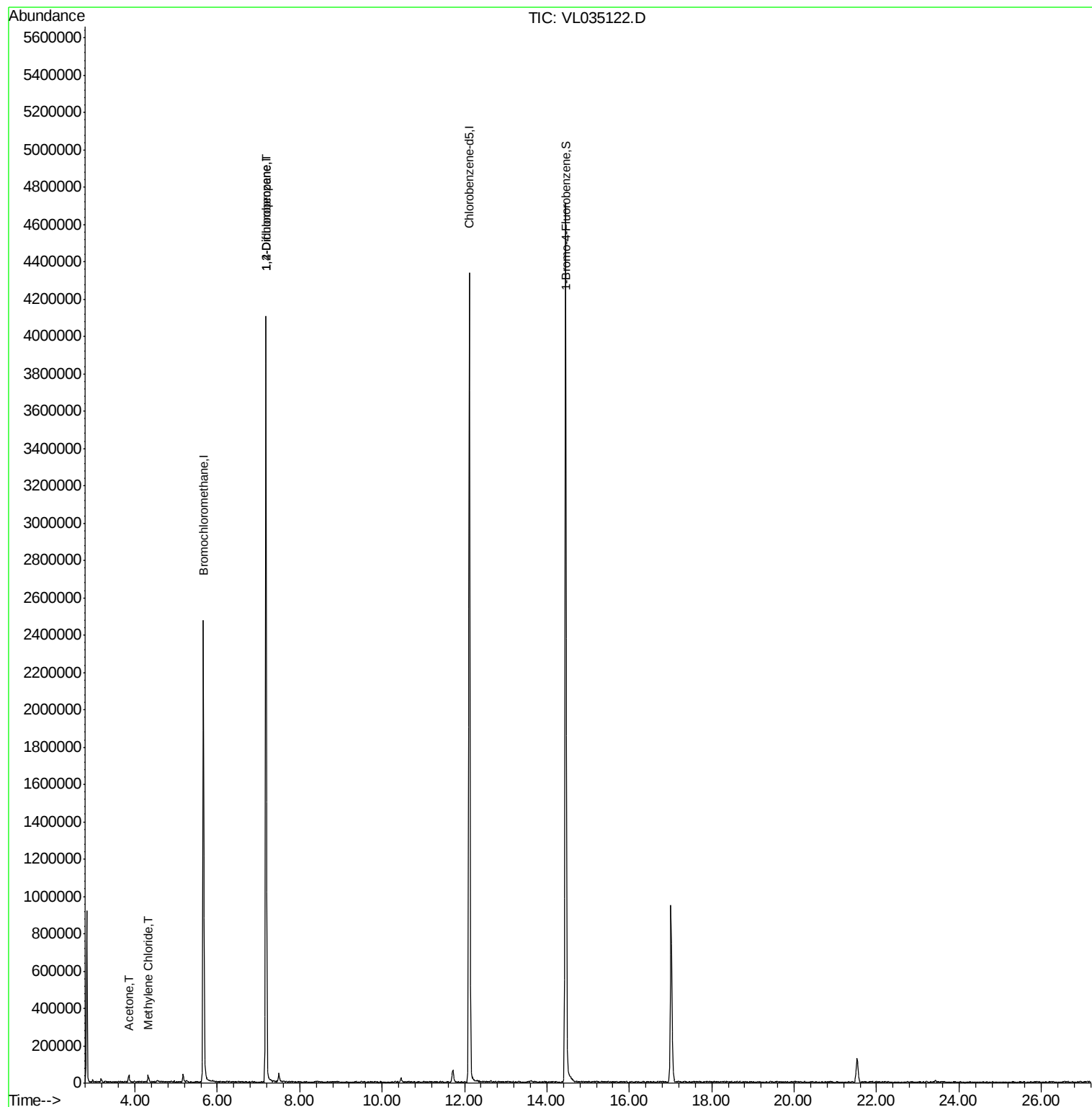
Target Compounds					Ovalue
15) Acetone	3.85	43	30280	0.215 ppbv #	42
20) Methylene Chloride	4.32	84	8743	0.154 ppbv #	76
39) 1,2-Dichloropropane	7.18	63	747079	9.021 ppbv #	24

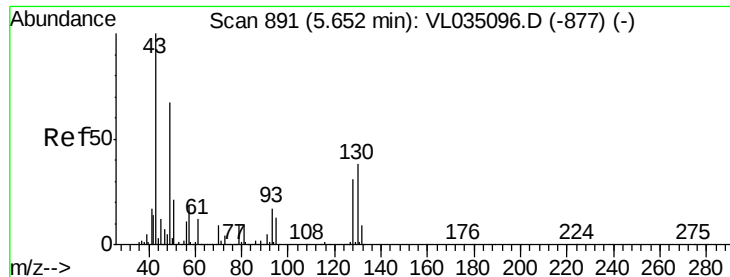
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

Lab File: VL035122.D

Acq: 30 Jun 2020 12:49

Instrument :

MSVOA_L

ClientSampleId :

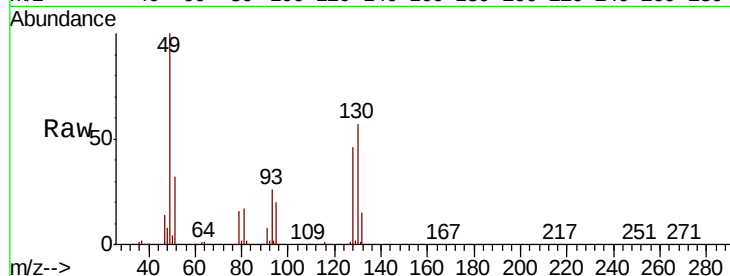
Tot Ion: 49 Resp: 1162752

Ion Ratio Lower Upper

49 100

128 47.7 22.9 68.5

130 61.4 29.0 87.0



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

800000

600000

400000

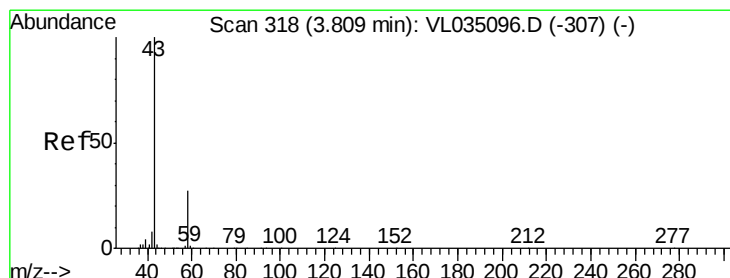
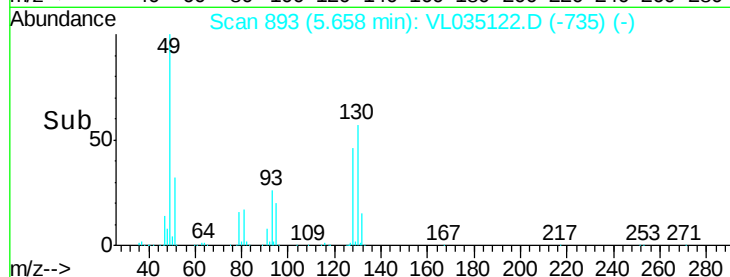
200000

0

5.66

5.60 5.65 5.70 5.75

Time-->



#15

Acetone

Concen: 0.215 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.04 min

Lab File: VL035122.D

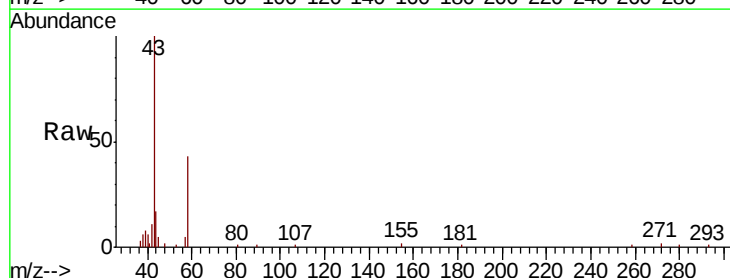
Acq: 30 Jun 2020 12:49

Tgt Ion: 43 Resp: 30280

Ion Ratio Lower Upper

43 100

58 57.5 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

20000

15000

10000

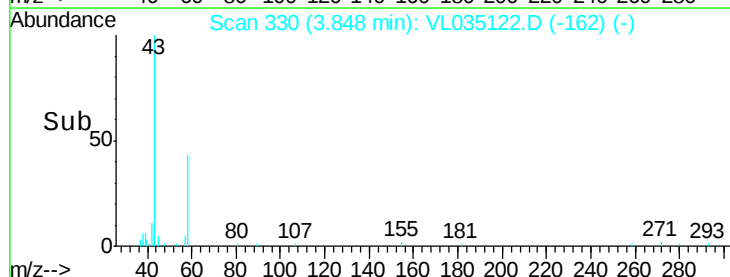
5000

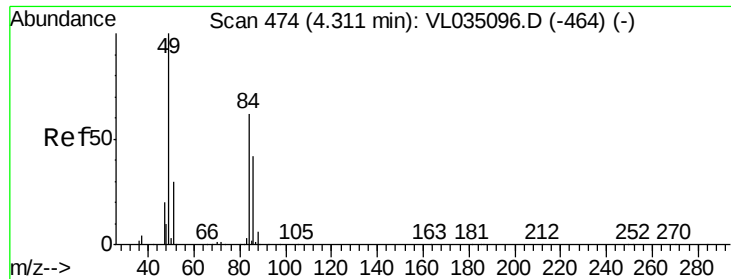
0

3.85

3.80 3.85 3.90

Time-->

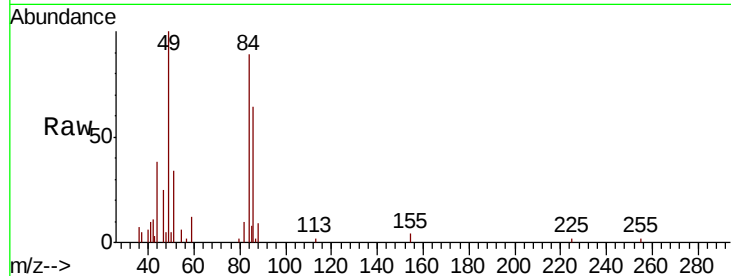




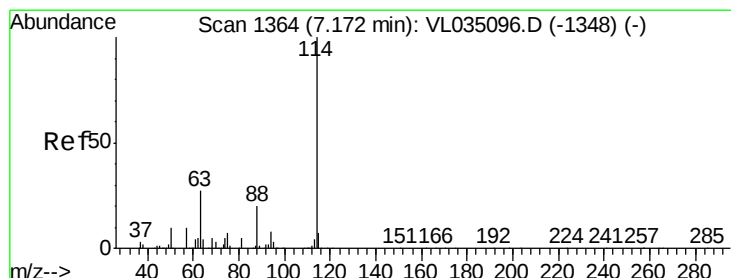
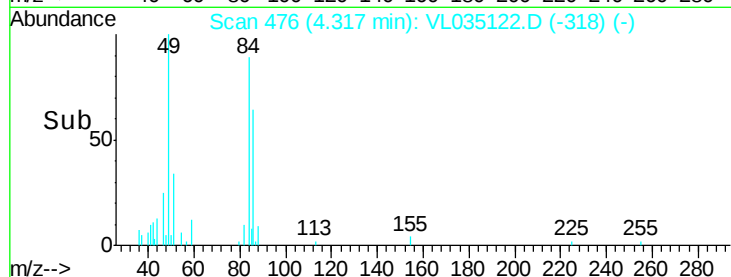
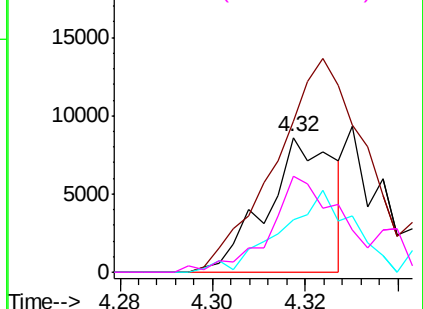
#20
Methylene Chloride
Concen: 0.154 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL035122.D
Acq: 30 Jun 2020 12:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 8743
Ion Ratio Lower Upper
84 100
49 112.3 128.8 193.2#
51 38.5 38.7 58.1#
86 69.1 54.1 81.1

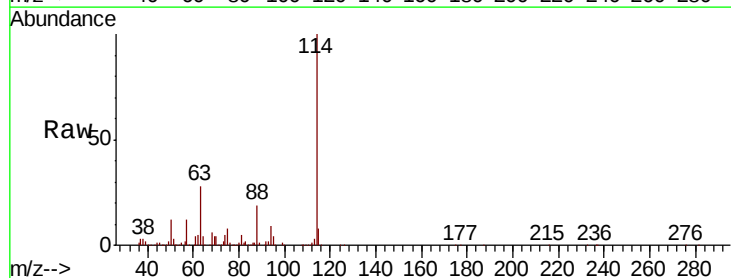


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

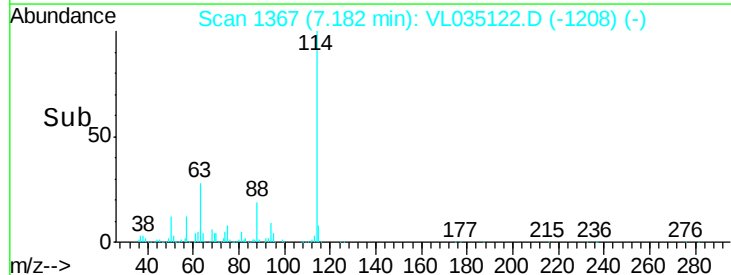
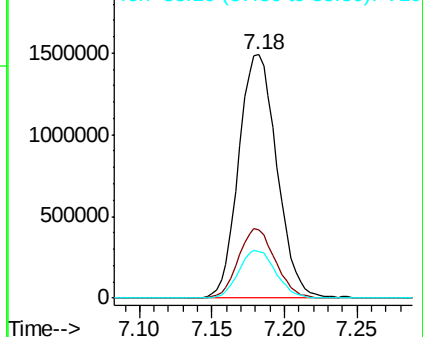


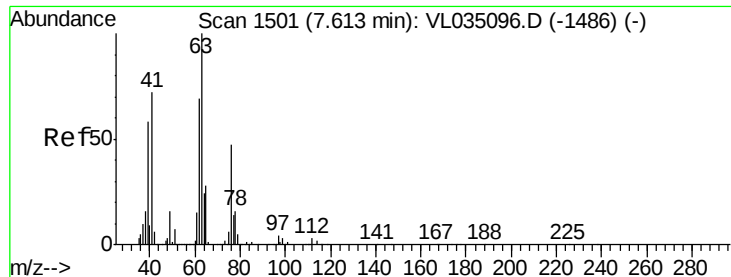
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL035122.D
Acq: 30 Jun 2020 12:49

Tgt Ion: 114 Resp: 2734386
Ion Ratio Lower Upper
114 100
63 27.6 21.9 32.9
88 19.0 15.6 23.4



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

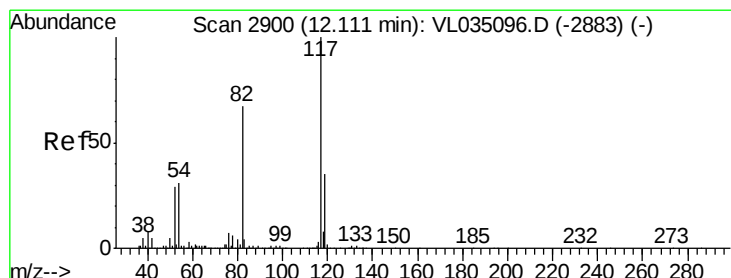
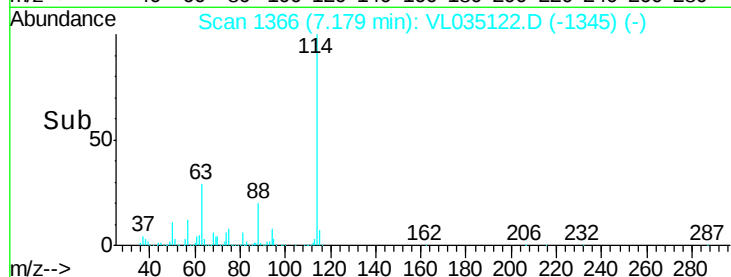
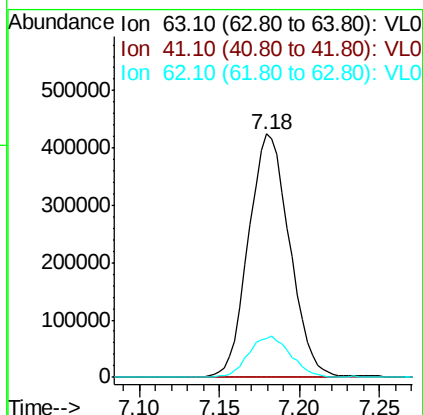
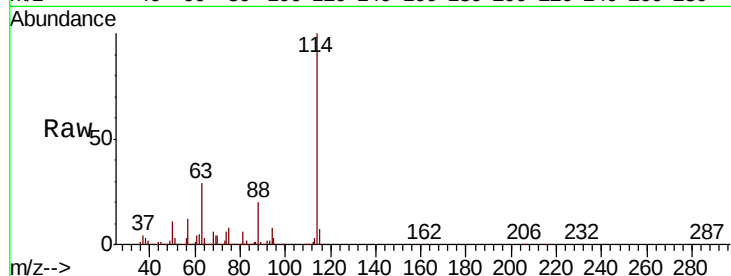




#39
 1,2-Dichloropropane
 Concen: 9.021 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.43 min
 Lab File: VL035122.D
 Acq: 30 Jun 2020 12:49

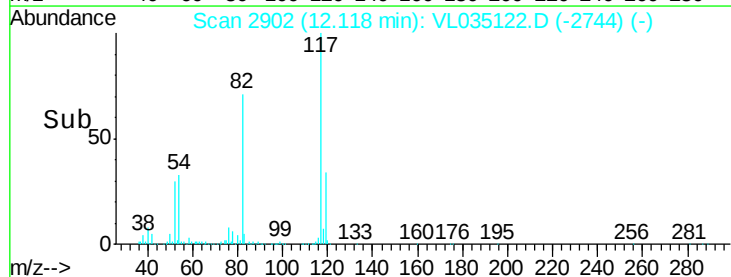
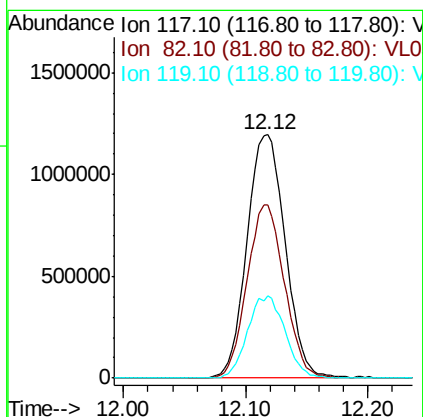
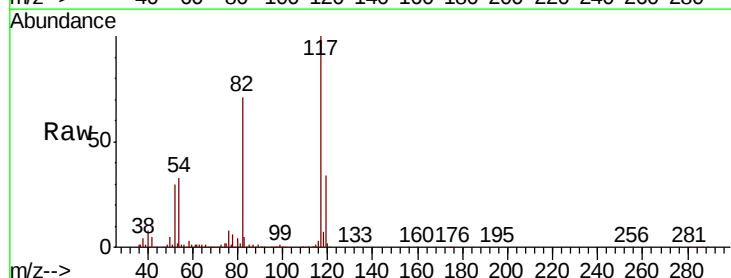
Instrument :
 MSVOA_L
 ClientSampled :

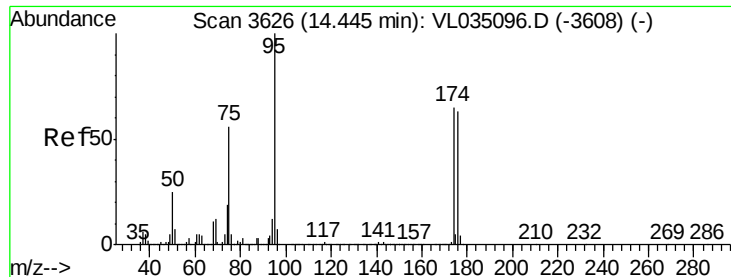
Tot Ion: 63 Resp: 747079
 Ion Ratio Lower Upper
 63 100
 41 0.2 58.0 87.0#
 62 16.1 55.4 83.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. 0.01 min
 Lab File: VL035122.D
 Acq: 30 Jun 2020 12:49

Tgt Ion: 117 Resp: 2580382
 Ion Ratio Lower Upper
 117 100
 82 69.9 50.4 75.6
 119 33.4 25.4 38.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.273 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. 0.01 min

Lab File: VL035122.D

Acq: 30 Jun 2020 12:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2202103

Ion Ratio Lower Upper

95 100

174 64.6 52.2 78.2

175 4.7 4.0 6.0

