

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050620\
 Data File : VL034947.D
 Acq On : 6 May 2020 18:16
 Operator : SY/AP
 Sample : OC040320 CAN 10599
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 07 06:33:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1125565	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2557167	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2402663	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1984549	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

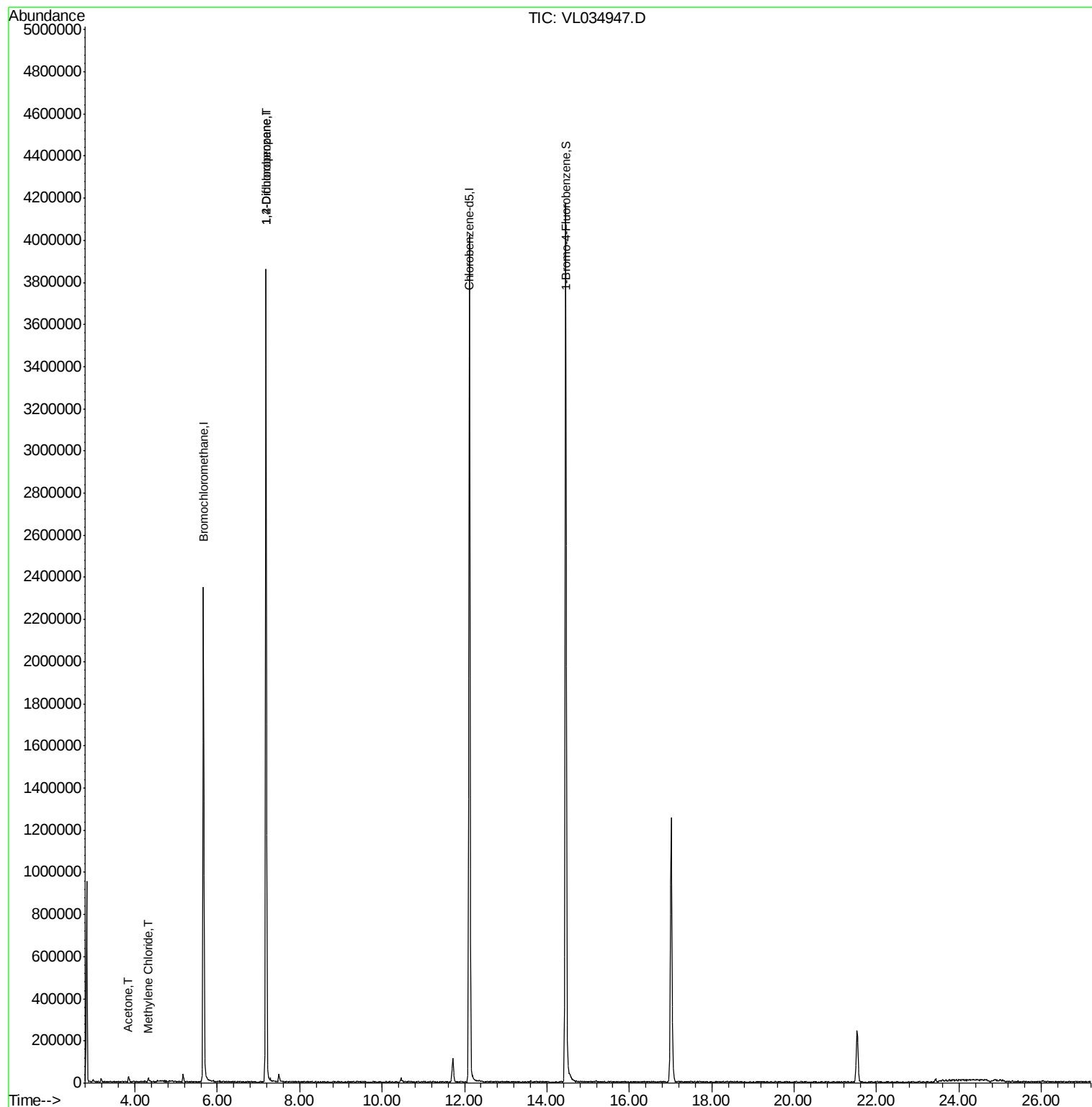
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	12334	0.083	ppbv #	48
20) Methylene Chloride	4.32	84	5230	0.106	ppbv	87
39) 1,2-Dichloropropane	7.18	63	709510	8.395	ppbv #	25

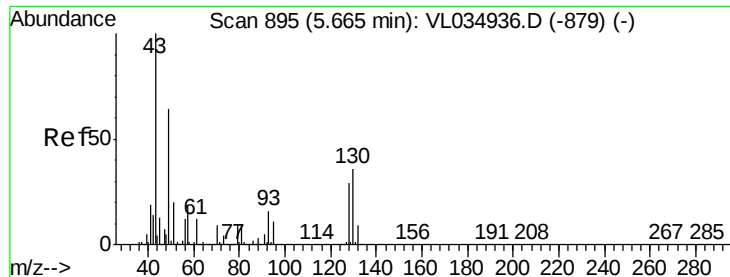
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL034947.D

Acq: 6 May 2020 18:16

Instrument :

MSVOA_L

ClientSampleId :

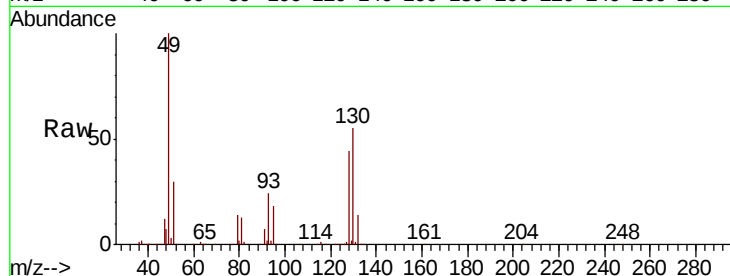
Tot Ion: 49 Resp: 1125565

Ion Ratio Lower Upper

49 100

128 46.4 22.1 66.5

130 58.3 29.1 87.3



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

800000

600000

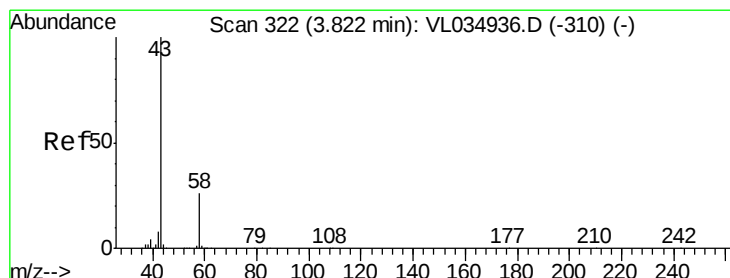
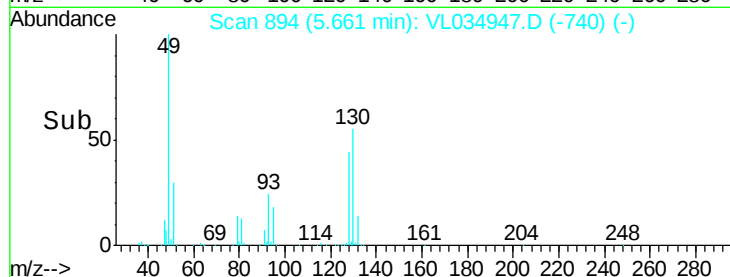
400000

200000

0

5.60 5.65 5.70

Time-->



#15

Acetone

Concen: 0.083 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL034947.D

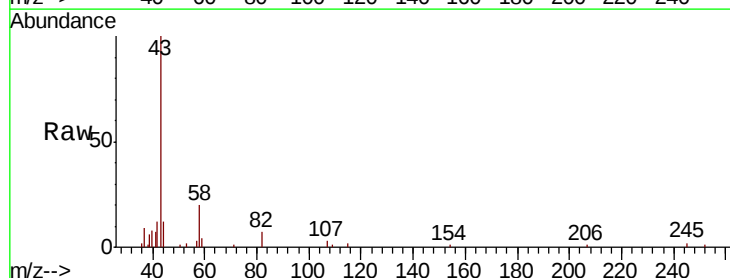
Acq: 6 May 2020 18:16

Tgt Ion: 43 Resp: 12334

Ion Ratio Lower Upper

43 100

58 0.0 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

15000

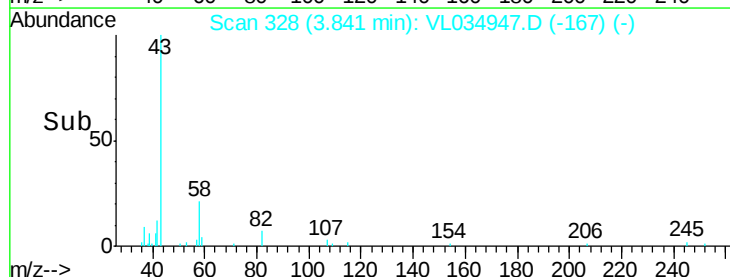
10000

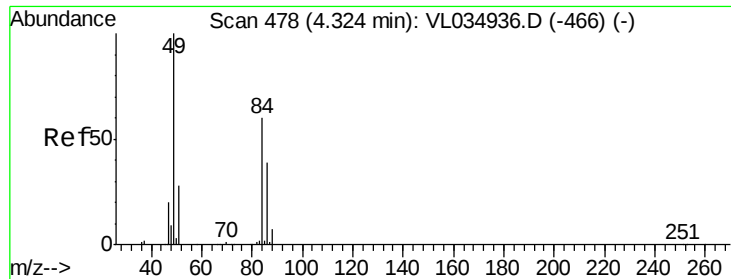
5000

0

3.82 3.84

Time-->

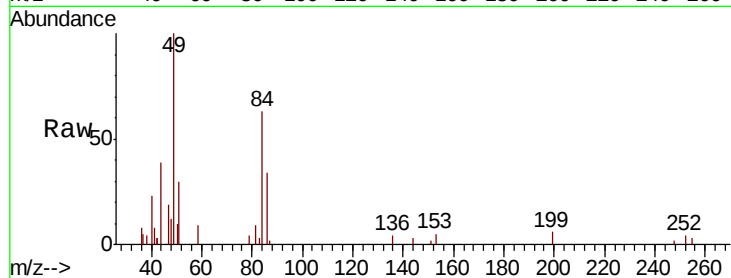




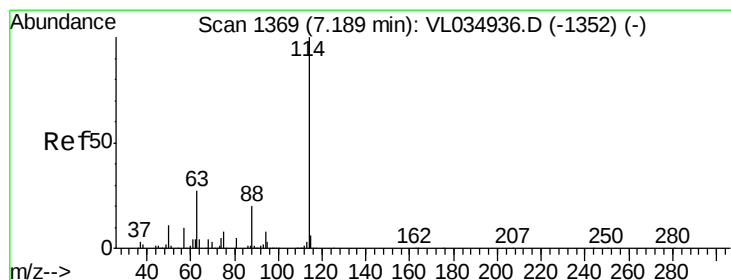
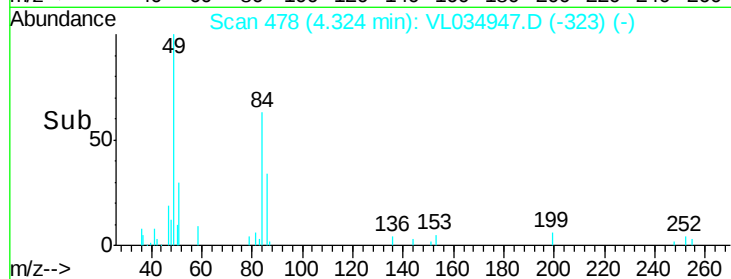
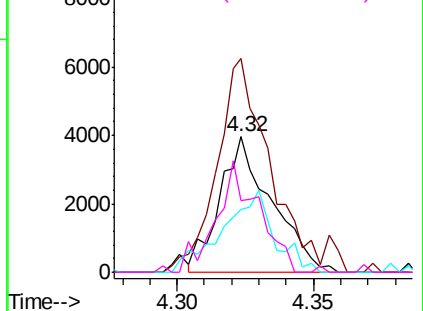
#20
Methvlene Chloride
Concen: 0.106 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL034947.D
Acq: 6 May 2020 18:16

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	5230
Ion	Ratio	Lower	Upper
84	100		
49	144.4	132.5	198.7
51	46.7	38.4	57.6
86	53.2	51.2	76.8

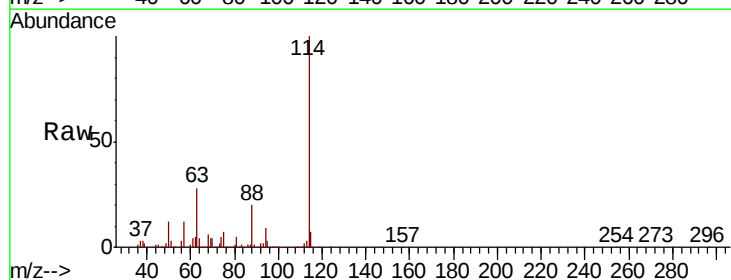


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

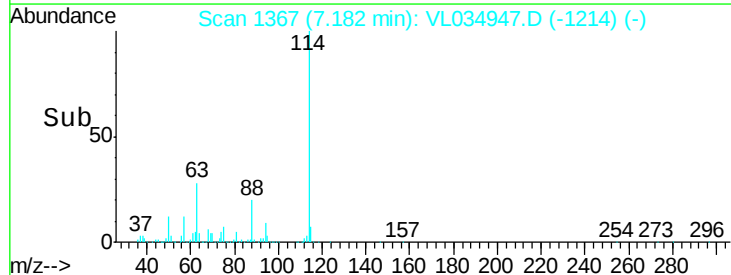
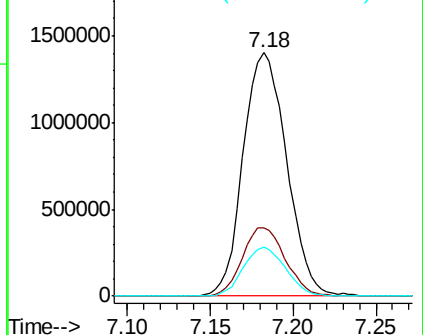


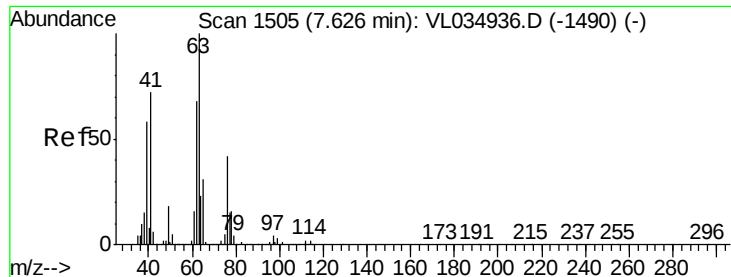
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL034947.D
Acq: 6 May 2020 18:16

Tgt Ion:	114	Resp:	2557167
Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.2	33.4
88	19.7	15.5	23.3



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

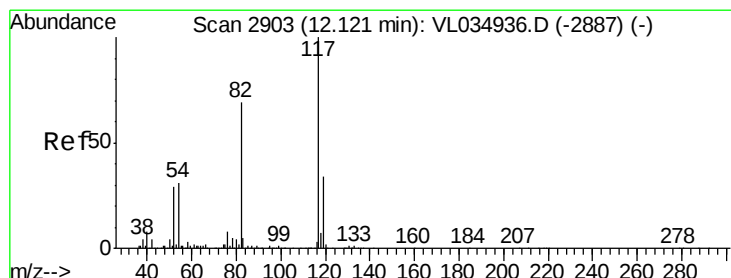
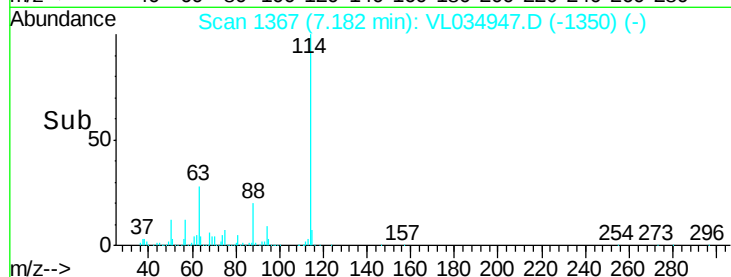
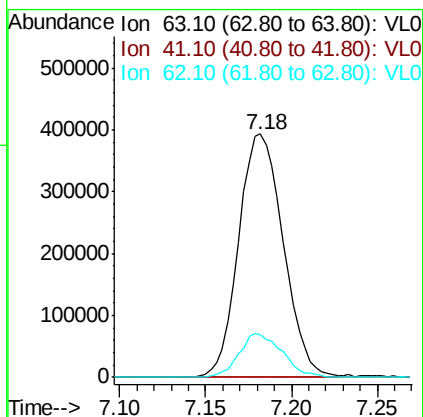
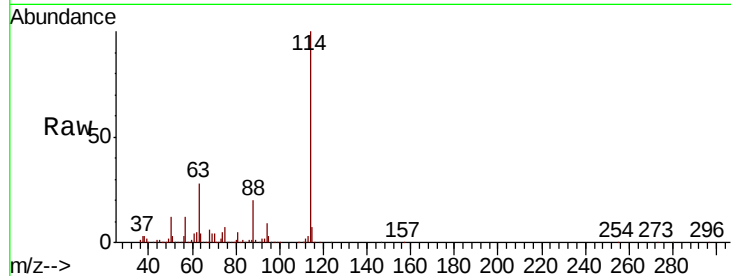




#39
 1,2-Dichloropropane
 Concen: 8.395 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.44 min
 Lab File: VL034947.D
 Acq: 6 May 2020 18:16

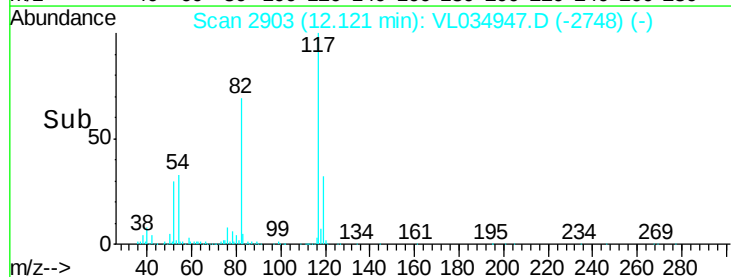
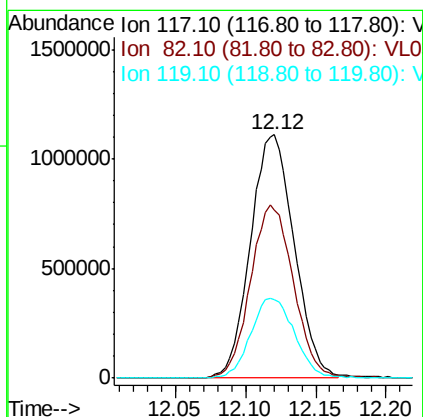
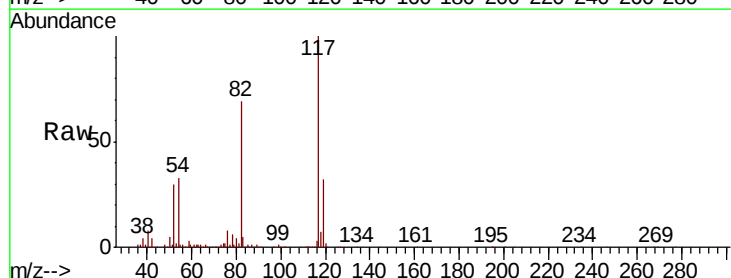
Instrument :
 MSVOA_L
 ClientSampled :

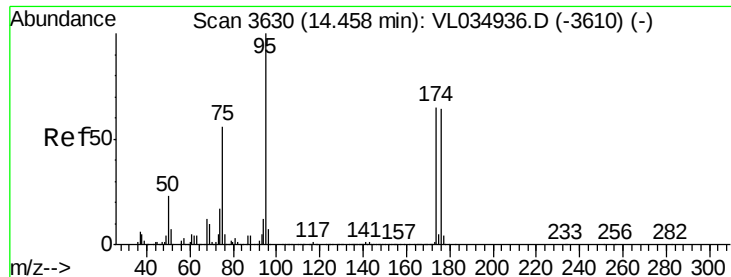
Tot Ion: 63 Resp: 709510
 Ion Ratio Lower Upper
 63 100
 41 0.0 57.8 86.8#
 62 17.6 54.2 81.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T. -0.00 min
 Lab File: VL034947.D
 Acq: 6 May 2020 18:16

Tgt Ion: 117 Resp: 2402663
 Ion Ratio Lower Upper
 117 100
 82 70.6 53.1 79.7
 119 32.9 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.204 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. -0.00 min

Lab File: VL034947.D

Acq: 6 May 2020 18:16

Instrument :

MSVOA_L

ClientSampleId :

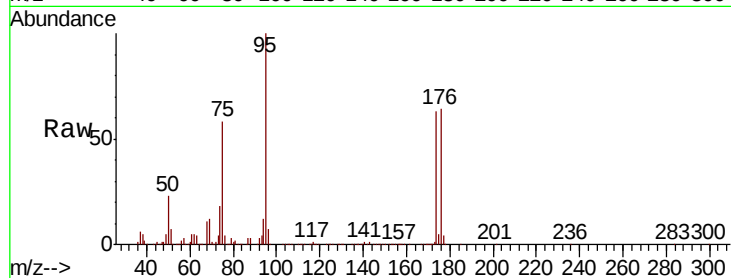
Tot Ion: 95 Resp: 1984549

Ion Ratio Lower Upper

95 100

174 64.9 51.5 77.3

175 4.8 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

