

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035138.D
 Acq On : 30 Jun 2020 23:33
 Operator : SY/AP
 Sample : OC062420 CAN 10197
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 03:03:09 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	1083711	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2559128	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2405169	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2070625	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

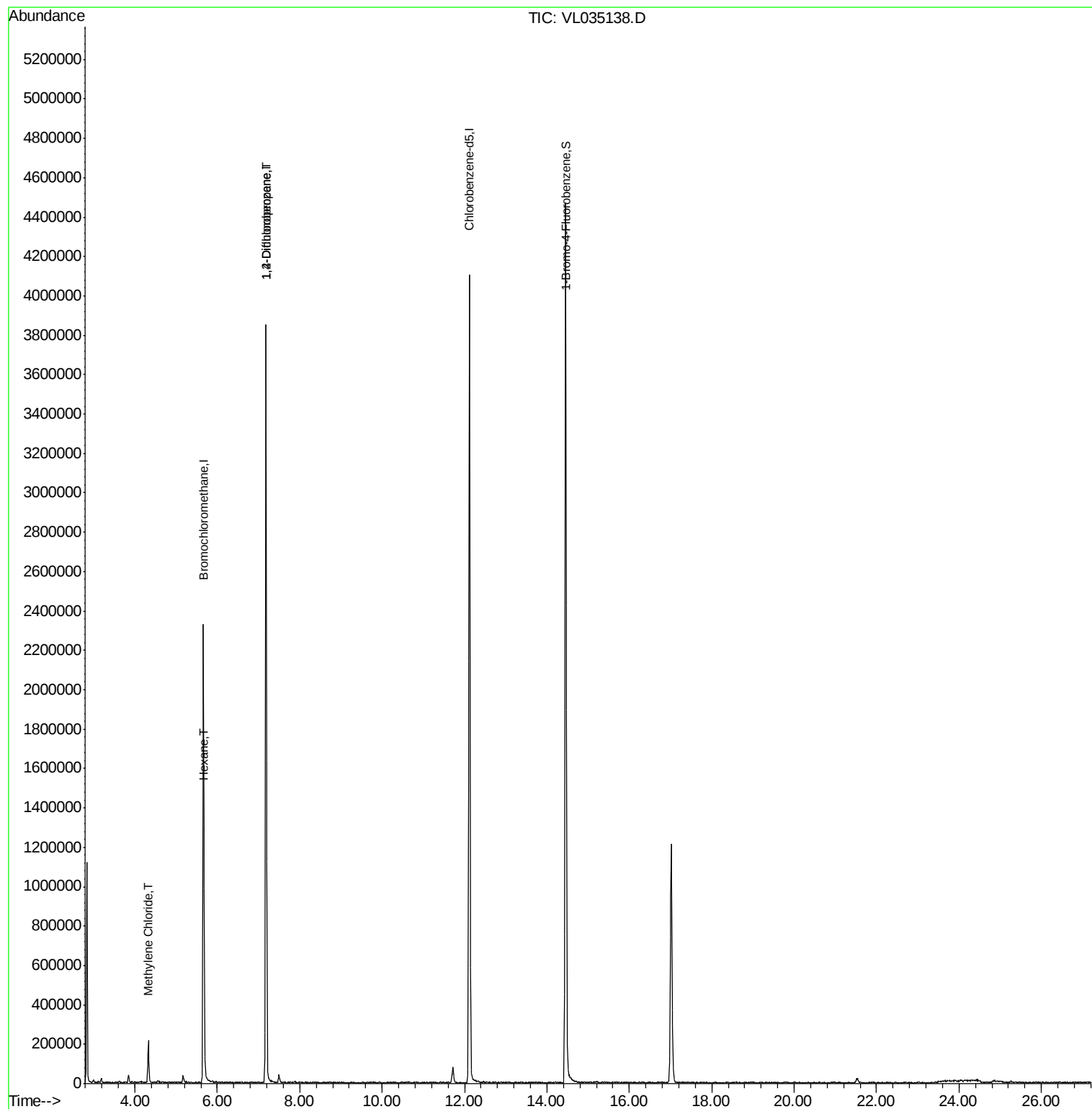
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	74533	1.406	ppbv #	82
26) Hexane	5.68	57	10370	0.097	ppbv #	36
39) 1,2-Dichloropropane	7.18	63	699958	9.031	ppbv #	25

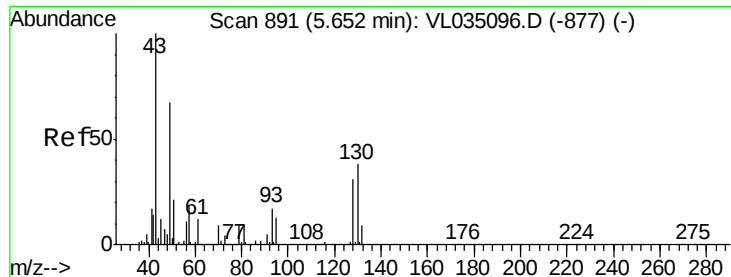
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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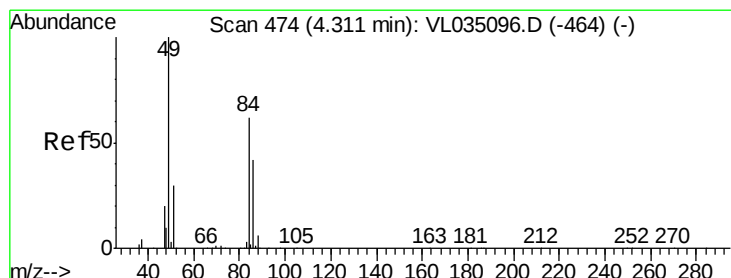
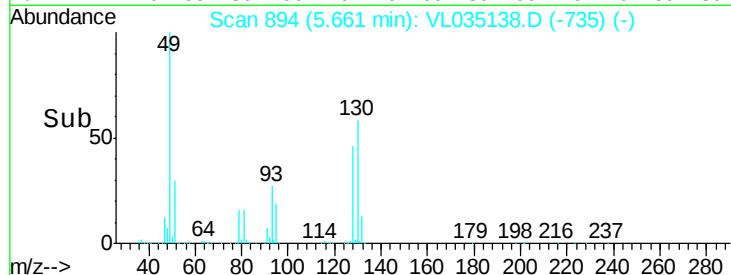
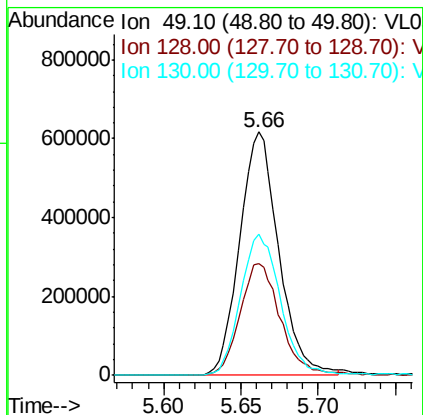
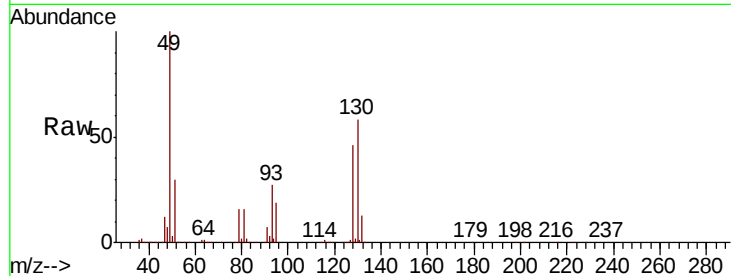


#1

Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.01 min
Lab File: VL035138.D
Acq: 30 Jun 2020 23:33

Instrument :
MSVOA_L
ClientSampleId :

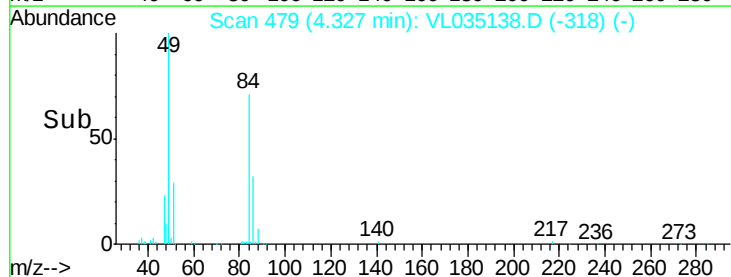
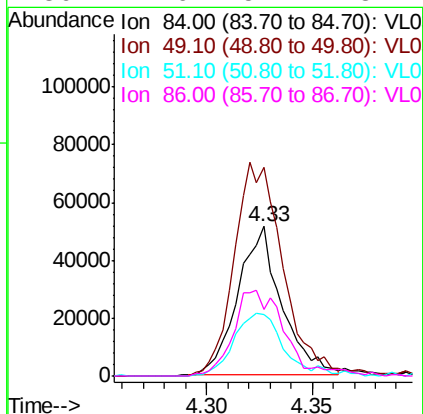
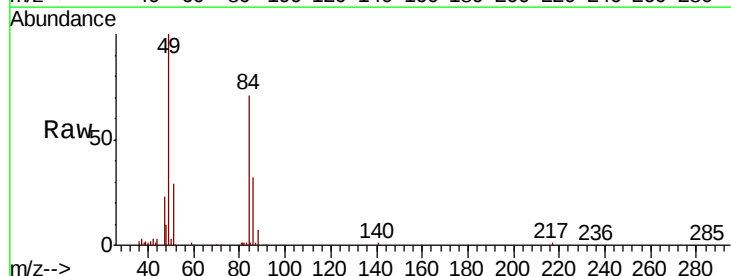
Tot Ion: 49 Resp: 1083711
Ion Ratio Lower Upper
49 100
128 47.6 22.9 68.5
130 60.5 29.0 87.0

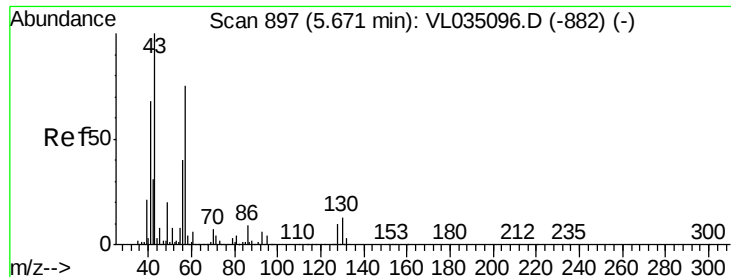


#20

Methylene Chloride
Concen: 1.406 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.02 min
Lab File: VL035138.D
Acq: 30 Jun 2020 23:33

Tgt Ion: 84 Resp: 74533
Ion Ratio Lower Upper
84 100
49 140.8 128.8 193.2
51 41.3 38.7 58.1
86 44.6 54.1 81.1#

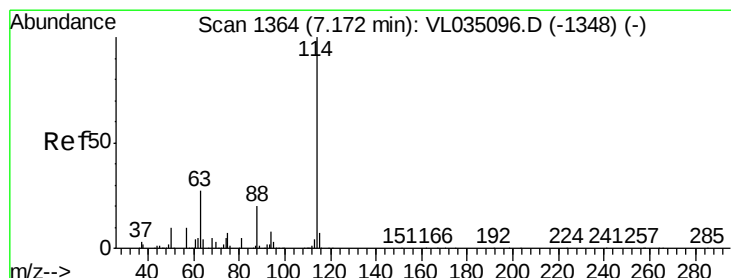
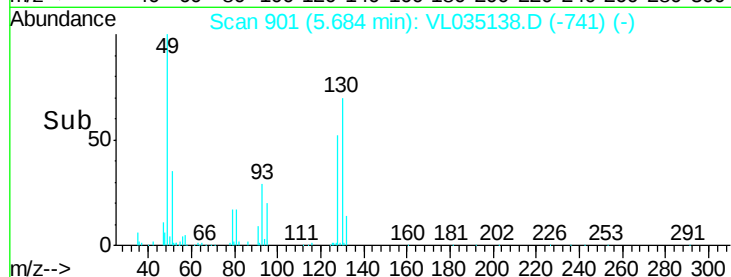
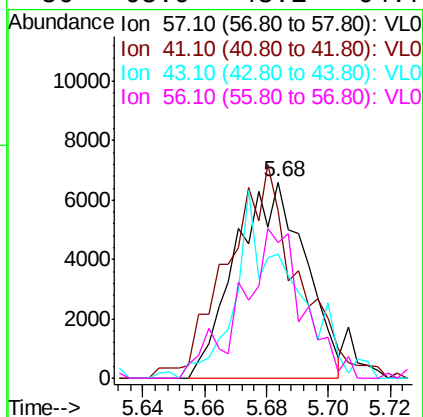
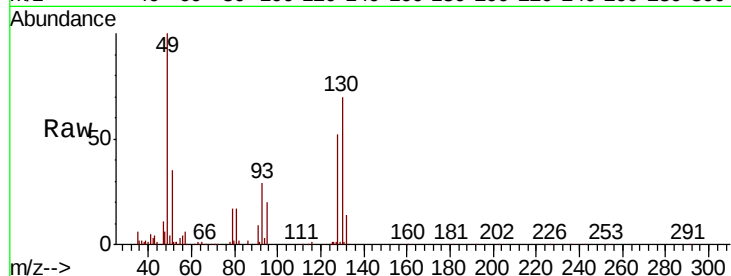




#26
Hexane
Concen: 0.097 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035138.D
Acq: 30 Jun 2020 23:33

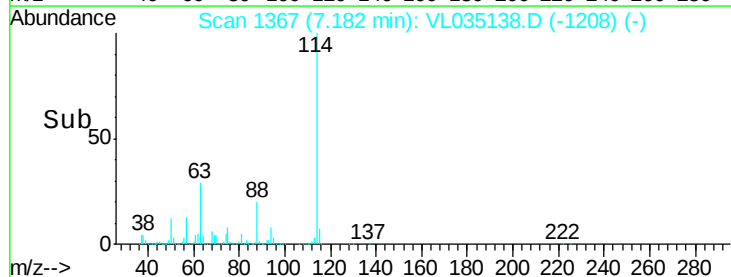
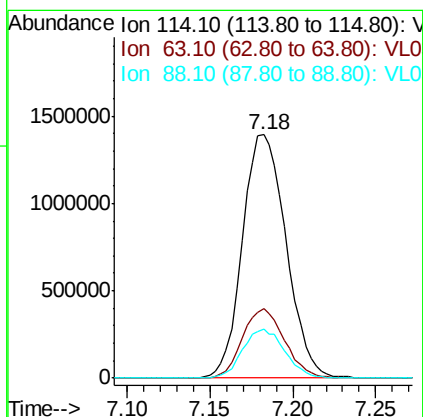
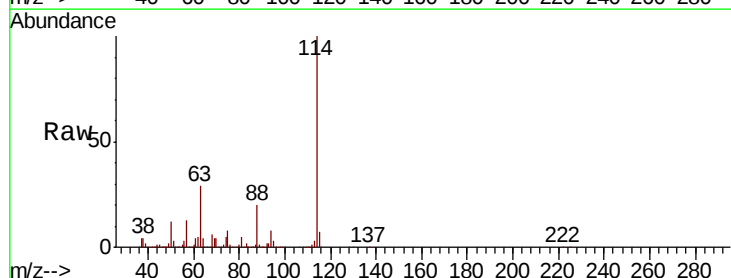
Instrument :
MSVOA_L
ClientSampleId :

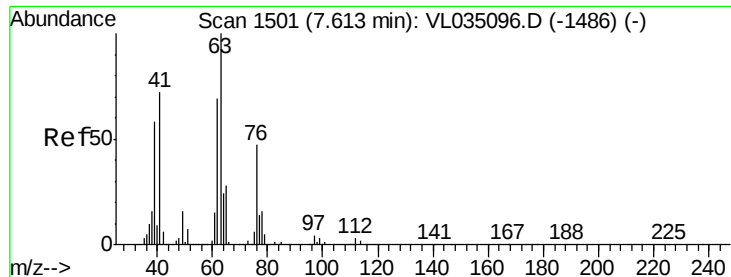
Tot Ion: 57 Resp: 10370
Ion Ratio Lower Upper
57 100
41 110.0 72.9 109.3#
43 75.0 181.3 271.9#
56 68.9 43.1 64.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL035138.D
Acq: 30 Jun 2020 23:33

Tgt Ion: 114 Resp: 2559128
Ion Ratio Lower Upper
114 100
63 27.5 21.9 32.9
88 19.6 15.6 23.4

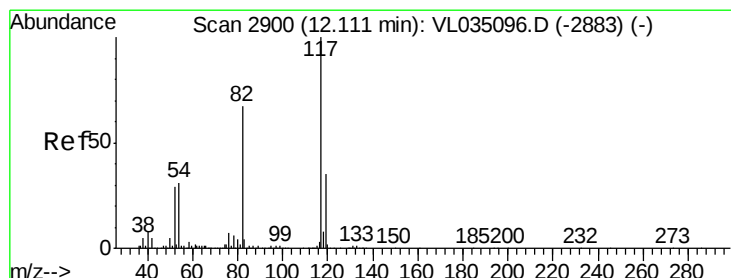
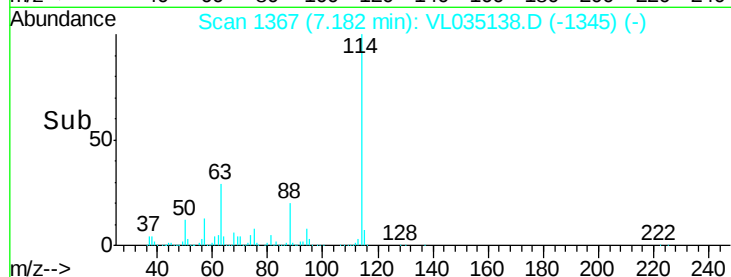
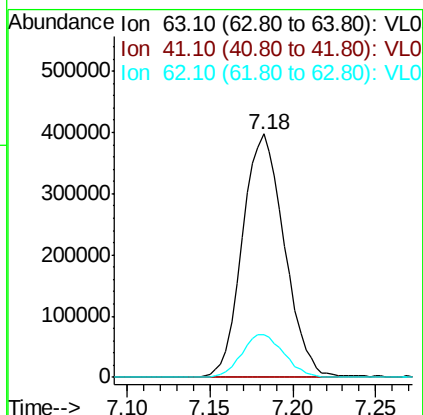
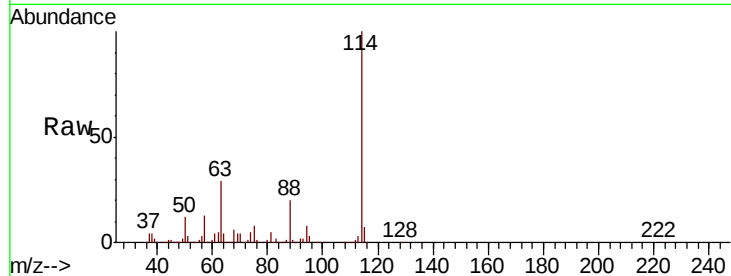




#39
 1,2-Dichloropropane
 Concen: 9.031 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.43 min
 Lab File: VL035138.D
 Acq: 30 Jun 2020 23:33

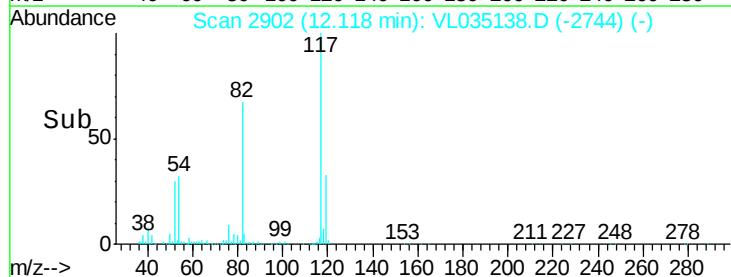
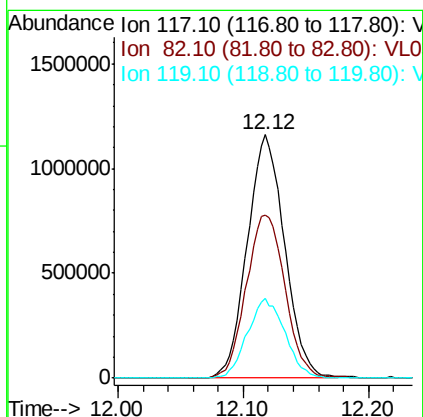
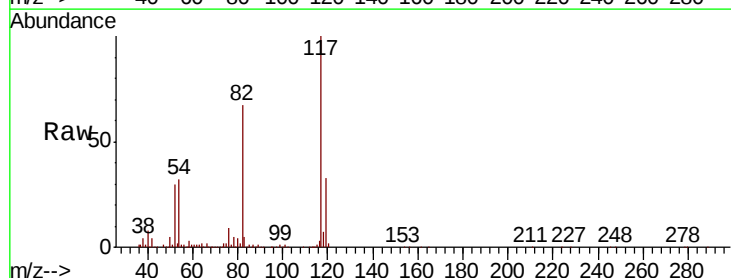
Instrument :
 MSVOA_L
 ClientSampled :

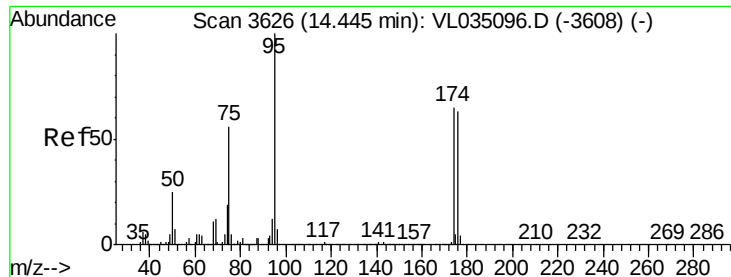
Tot Ion: 63 Resp: 699958
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.0 87.0#
 62 17.7 55.4 83.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. 0.01 min
 Lab File: VL035138.D
 Acq: 30 Jun 2020 23:33

Tgt Ion: 117 Resp: 2405169
 Ion Ratio Lower Upper
 117 100
 82 70.3 50.4 75.6
 119 33.0 25.4 38.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.364 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. 0.01 min

Lab File: VL035138.D

Acq: 30 Jun 2020 23:33

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2070625

Ion Ratio Lower Upper

95 100

174 64.7 52.2 78.2

175 4.7 4.0 6.0

