

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035092.D
 Acq On : 22 May 2020 19:59
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 22 23:18:15 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	5.65	49	935185	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2160002	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2015335	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1730114	10.61	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

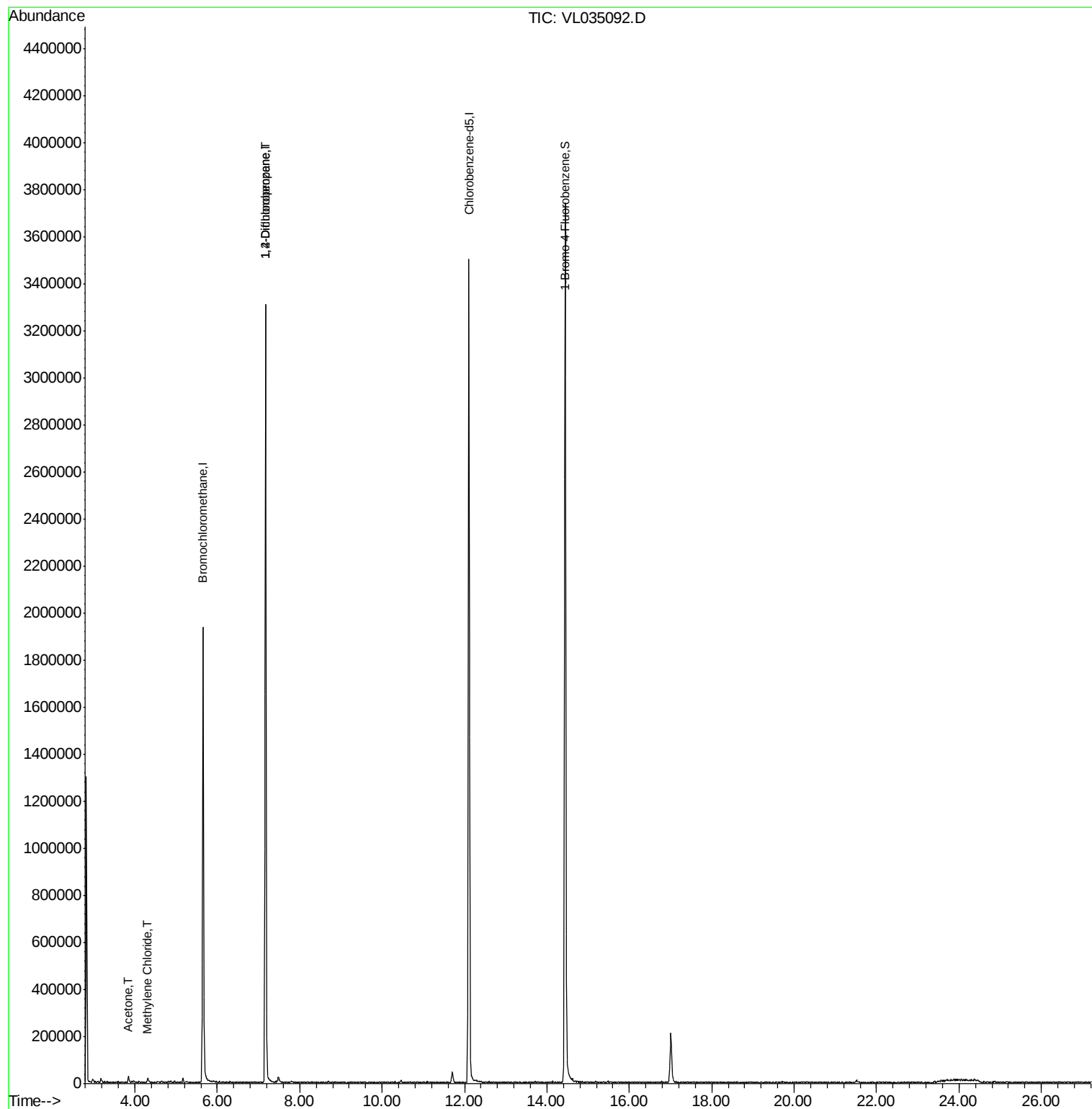
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	20613	0.167	ppbv #	63
20) Methylene Chloride	4.31	84	2753	0.067	ppbv #	76
39) 1,2-Dichloropropane	7.17	63	598532	8.384	ppbv #	25

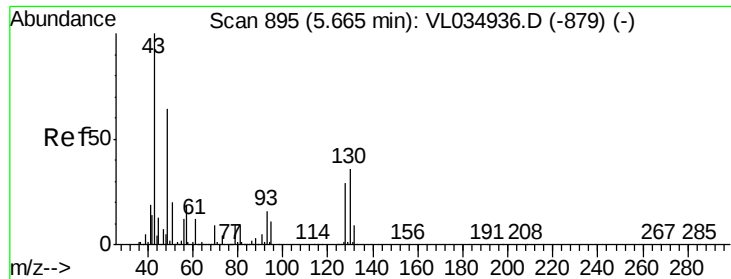
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL035092.D

Acq: 22 May 2020 19:59

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ClientSampleId :

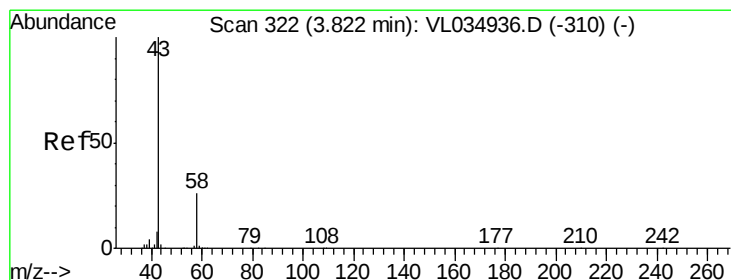
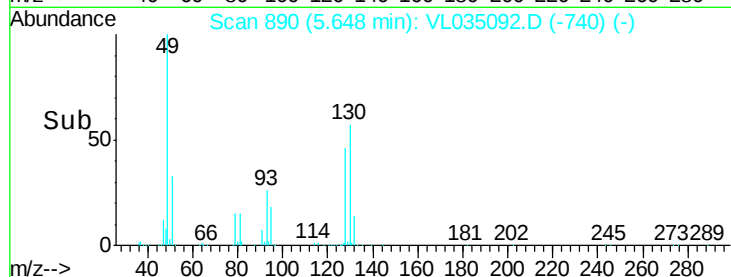
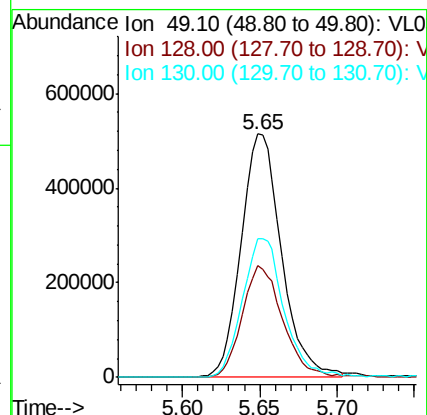
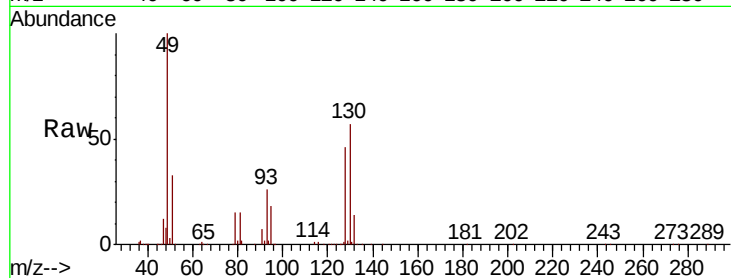
Tot Ion: 49 Resp: 935185

Ion Ratio Lower Upper

49 100

128 46.8 22.1 66.5

130 59.2 29.1 87.3



#15

Acetone

Concen: 0.167 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL035092.D

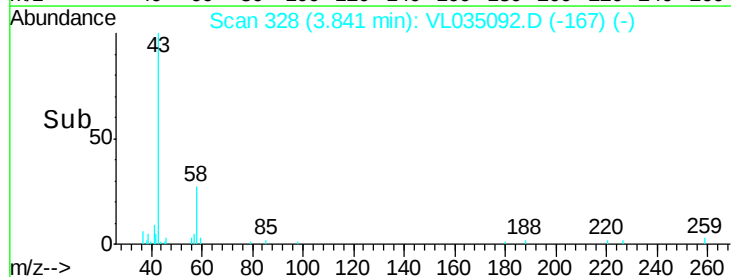
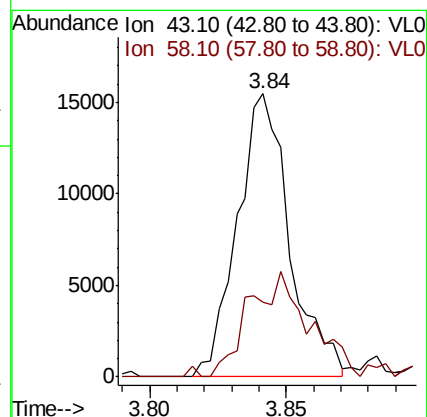
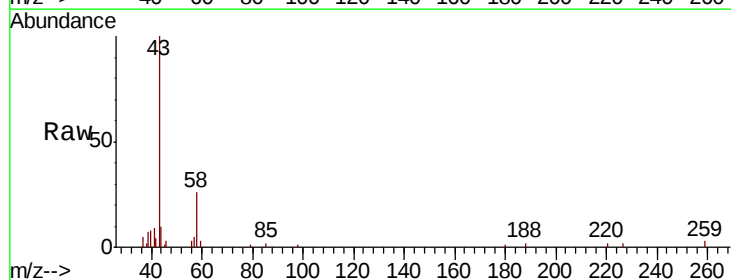
Acq: 22 May 2020 19:59

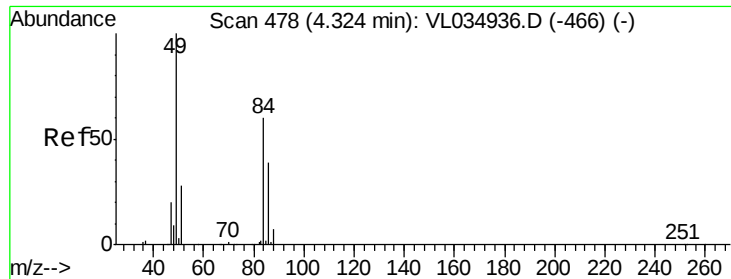
Tgt Ion: 43 Resp: 20613

Ion Ratio Lower Upper

43 100

58 46.2 21.7 32.5#

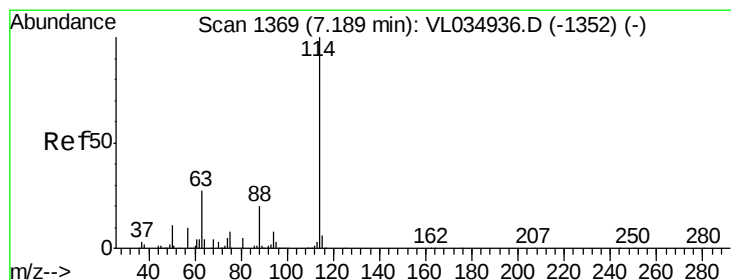
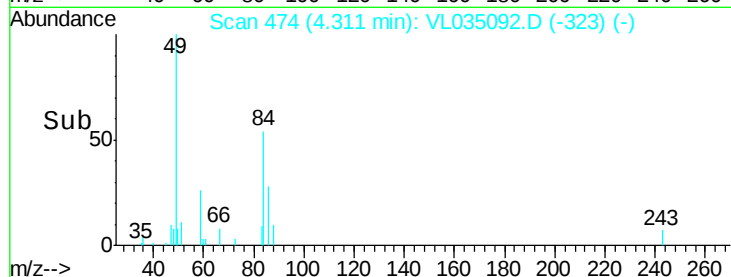
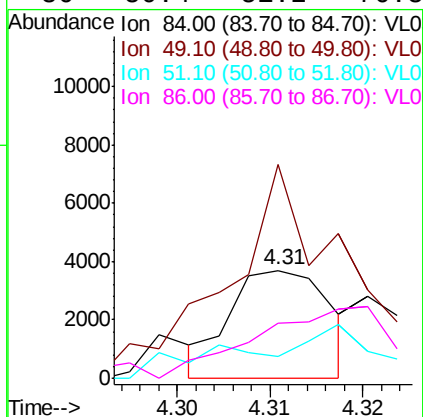
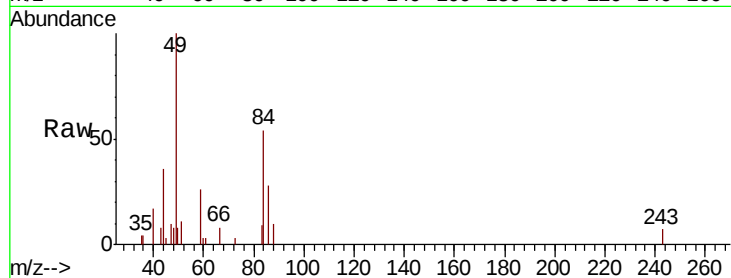




#20
Methvlene Chloride
Concen: 0.067 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035092.D
Acq: 22 May 2020 19:59

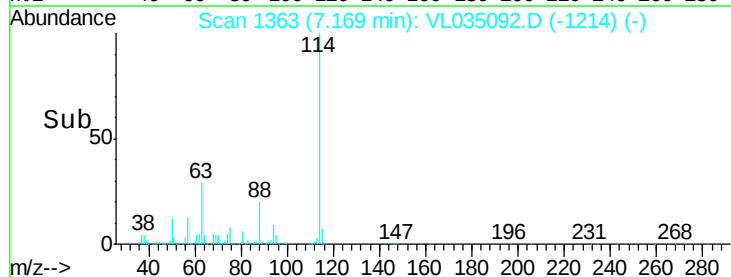
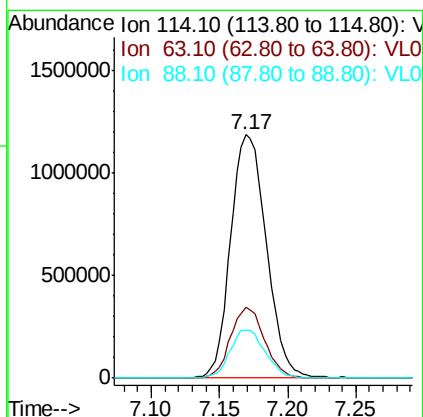
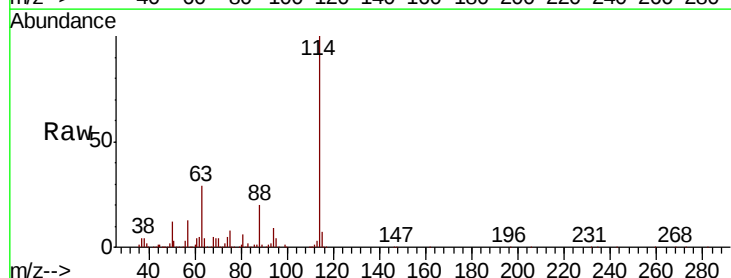
Instrument :
MSVOA_L
ClientSampleId :

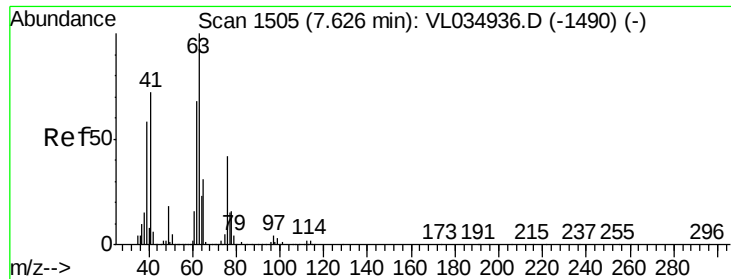
Tot Ion: 84 Resp: 2753
Ion Ratio Lower Upper
84 100
49 188.2 132.5 198.7
51 9.5 38.4 57.6#
86 50.4 51.2 76.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL035092.D
Acq: 22 May 2020 19:59

Tgt Ion: 114 Resp: 2160002
Ion Ratio Lower Upper
114 100
63 27.8 22.2 33.4
88 19.6 15.5 23.3

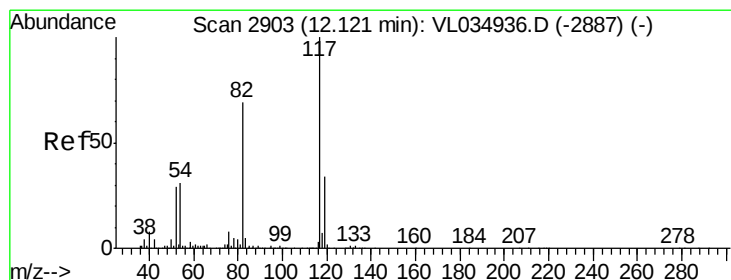
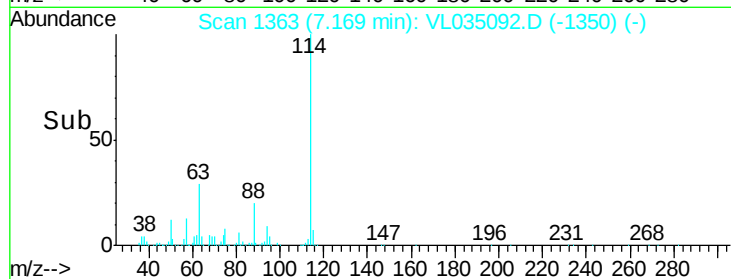
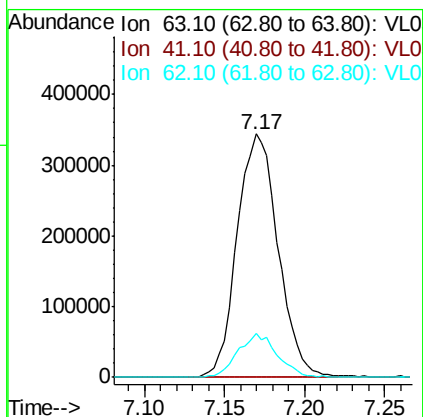
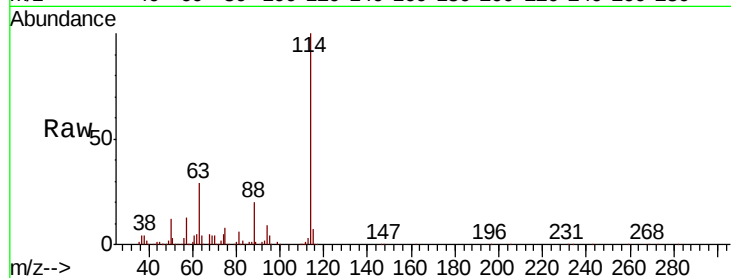




#39
 1,2-Dichloropropane
 Concen: 8.384 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.46 min
 Lab File: VL035092.D
 Acq: 22 May 2020 19:59

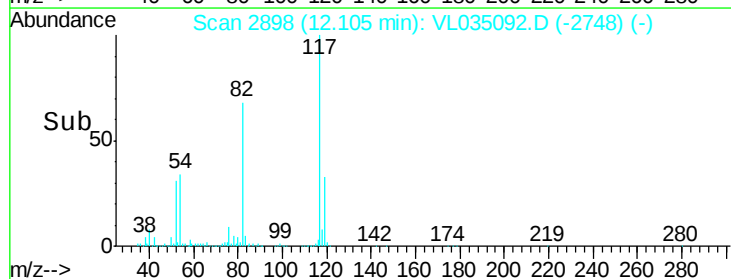
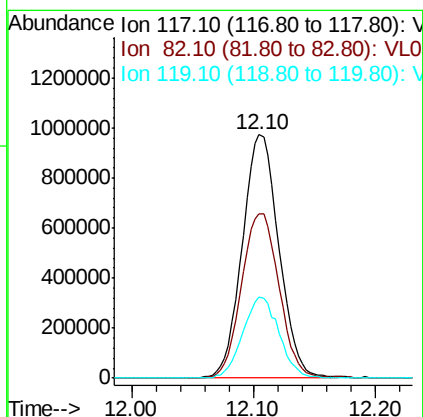
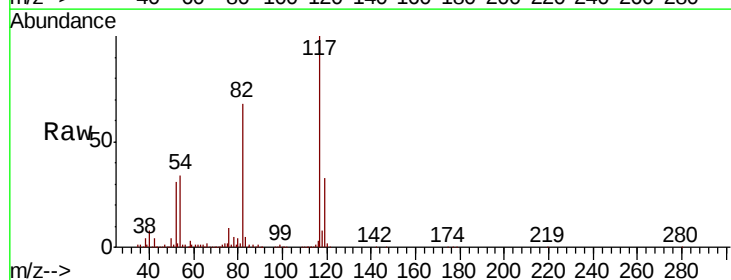
Instrument :
 MSVOA_L
 ClientSampleId :

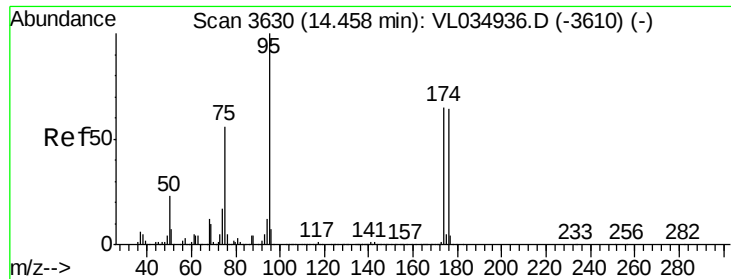
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	57.8	86.8#
62	17.9	54.2	81.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.02 min
 Lab File: VL035092.D
 Acq: 22 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.7	53.1	79.7
119	33.1	26.7	40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.606 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.02 min

Lab File: VL035092.D

Acq: 22 May 2020 19:59

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 1730114

Ion Ratio Lower Upper

95 100

174 63.9 51.5 77.3

175 4.7 3.8 5.8

