

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037214.D
 Acq On : 17 Jun 2021 23:13
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 18 01:25:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1407107	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3915997	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3462903	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2559285	9.75	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

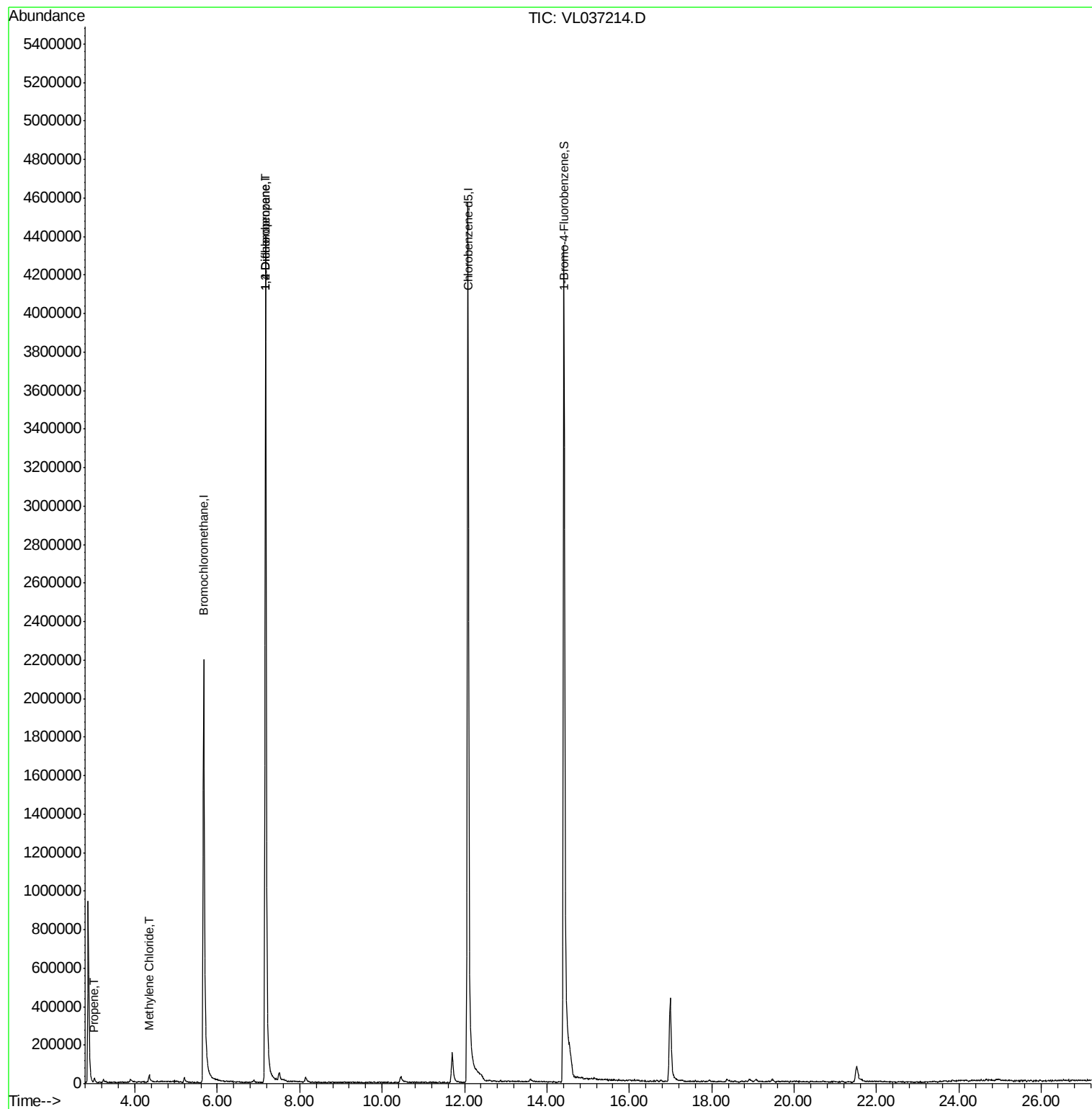
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	5561	0.064	ppbv	88
20) Methylene Chloride	4.34	84	10679	0.112	ppbv #	81
39) 1,2-Dichloropropane	7.17	63	978274	8.314	ppbv #	23

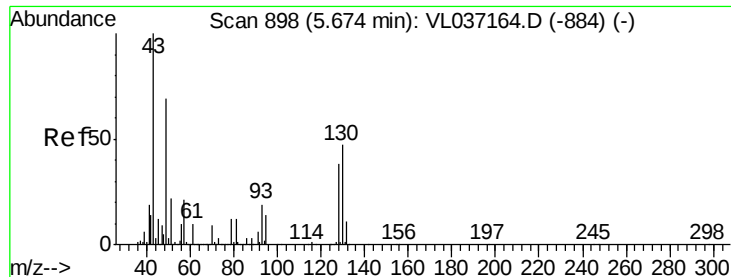
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL037214.D

Acq: 17 Jun 2021 23:13

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

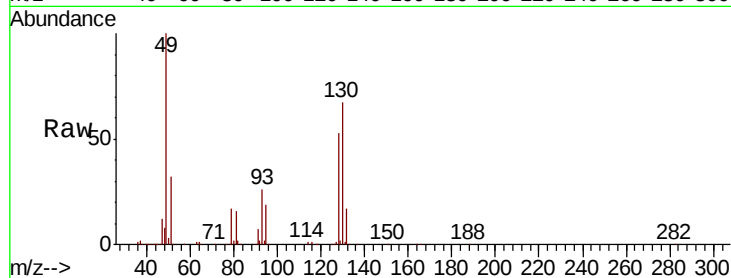
Tot Ion: 49 Resp: 1407107

Ion Ratio Lower Upper

49 100

128 55.8 29.3 88.0

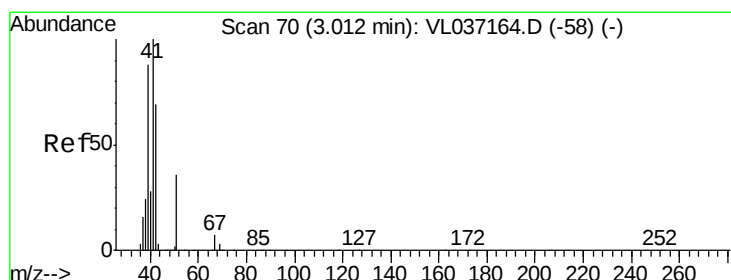
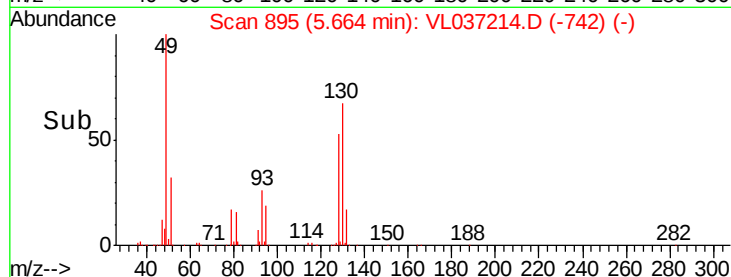
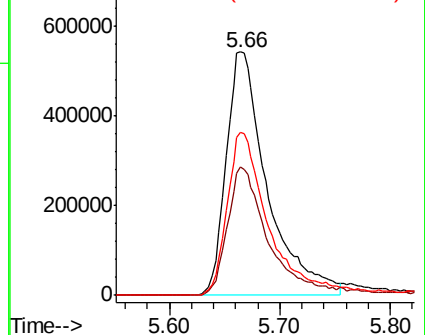
130 70.7 35.9 107.8



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



#9

Propene

Concen: 0.064 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL037214.D

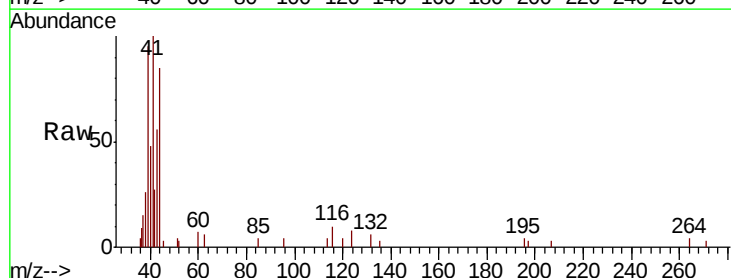
Acq: 17 Jun 2021 23:13

Tgt Ion: 41 Resp: 5561

Ion Ratio Lower Upper

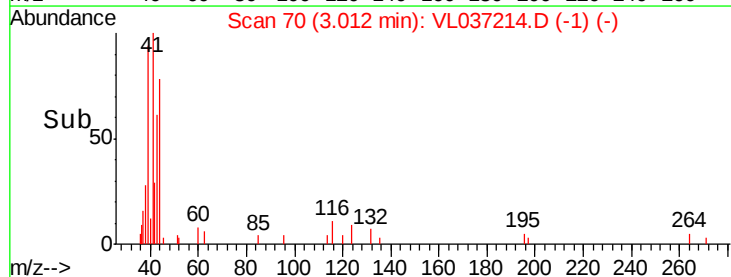
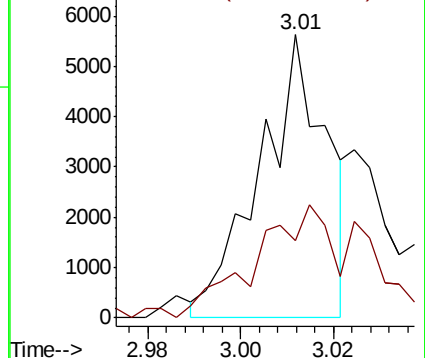
41 100

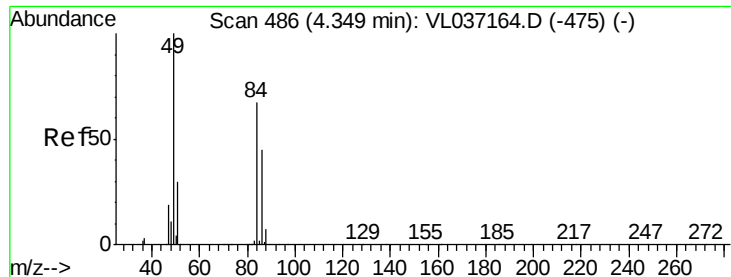
42 77.6 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

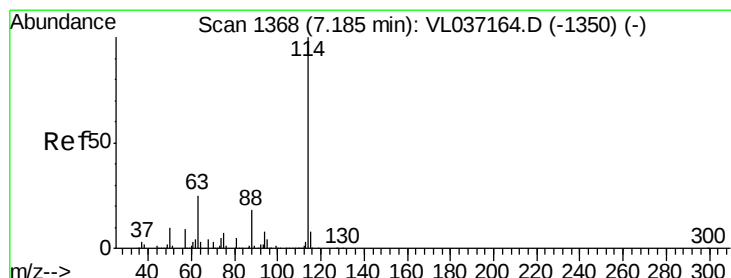
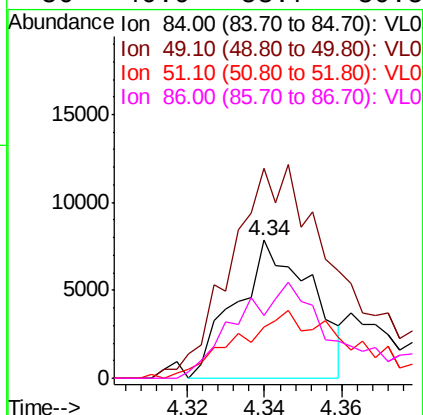
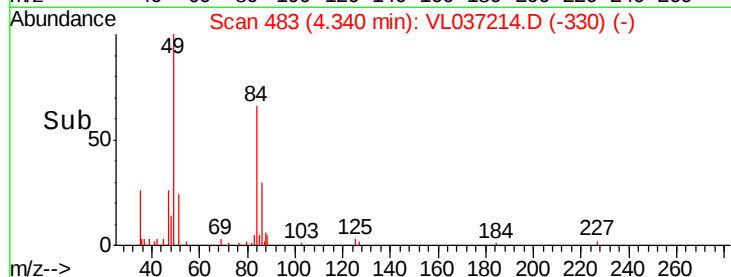
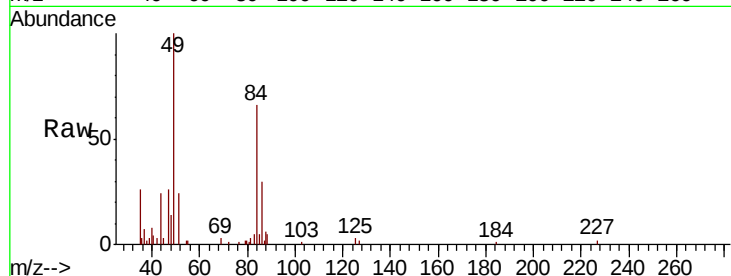




#20
Methylene Chloride
Concen: 0.112 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037214.D
Acq: 17 Jun 2021 23:13

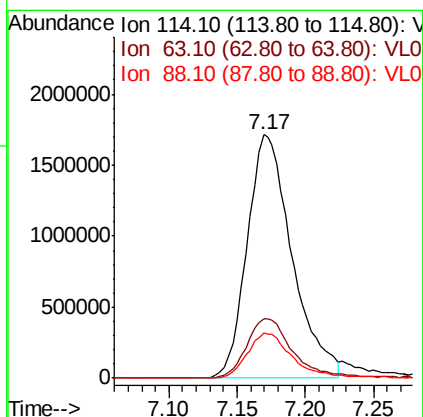
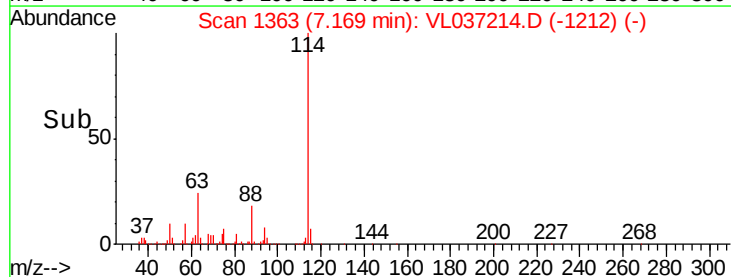
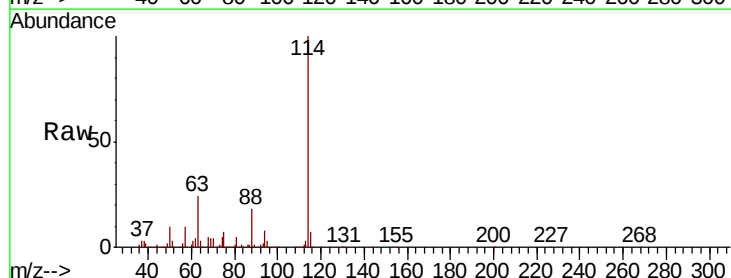
Instrument :
MSVOA_L
ClientSampled :
VIBLK

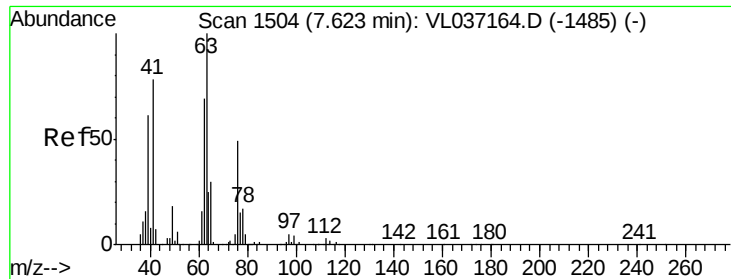
Tot Ion: 84 Resp: 10679
Ion Ratio Lower Upper
84 100
49 134.2 119.7 179.5
51 30.5 36.1 54.1#
86 40.9 53.7 80.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL037214.D
Acq: 17 Jun 2021 23:13

Tgt Ion: 114 Resp: 3915997
Ion Ratio Lower Upper
114 100
63 25.8 19.6 29.4
88 19.1 14.2 21.2

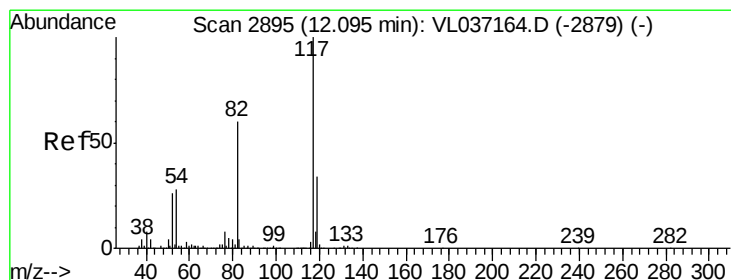
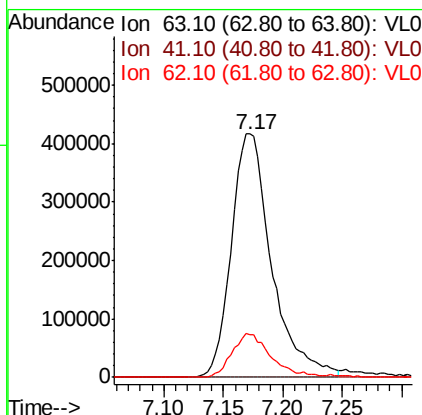
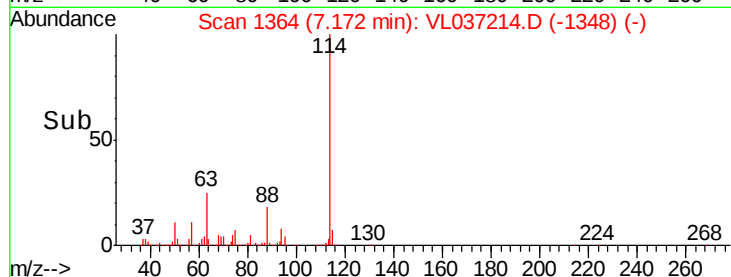
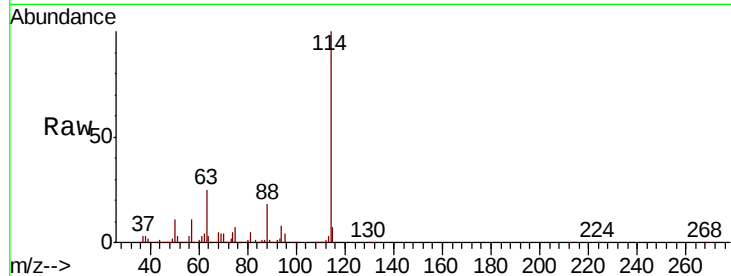




#39
 1,2-Dichloropropane
 Concen: 8.314 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL037214.D
 Acq: 17 Jun 2021 23:13

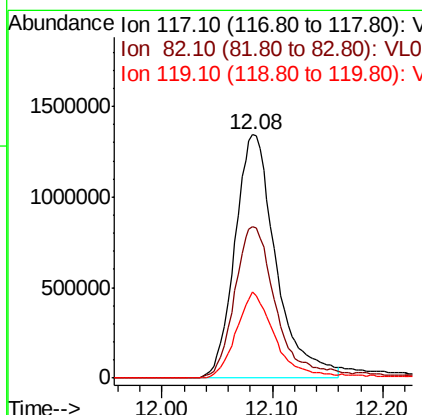
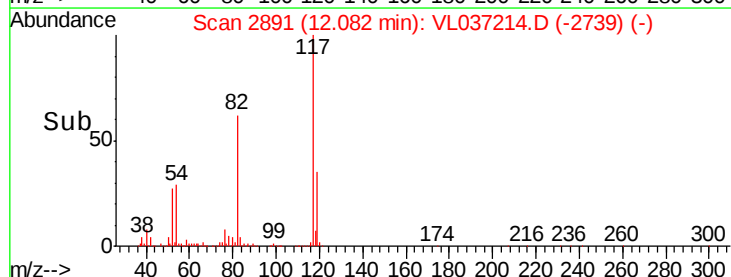
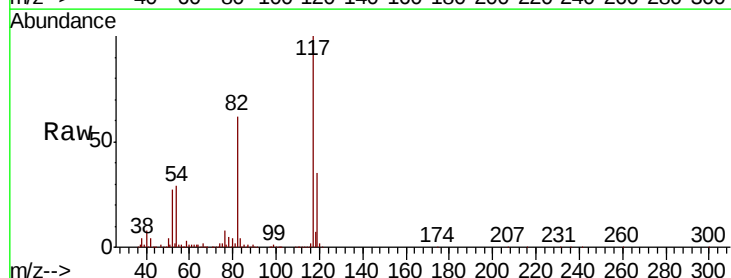
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

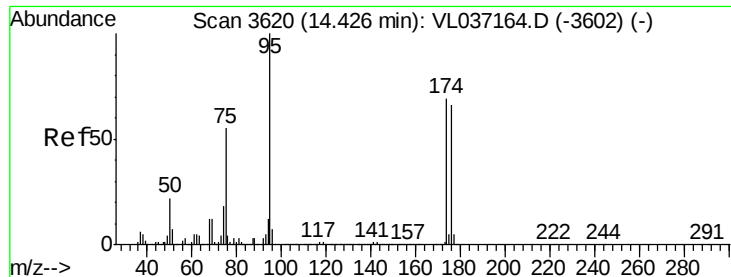
Tot Ion: 63 Resp: 978274
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 17.5 54.9 82.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL037214.D
 Acq: 17 Jun 2021 23:13

Tgt Ion: 117 Resp: 3462903
 Ion Ratio Lower Upper
 117 100
 82 66.5 51.7 77.5
 119 34.8 47.6 71.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.753 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.02 min

Lab File: VL037214.D

Acq: 17 Jun 2021 23:13

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 2559285

Ion Ratio Lower Upper

95 100

174 76.5 57.0 85.4

175 5.4 4.4 6.6

