

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037175.D
 Acq On : 16 Jun 2021 17:57
 Operator : SY/AP
 Sample : OC061521 CAN 10331
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 17 01:48:45 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	5.68	49	1366706	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4078843	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3501103	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2626883	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

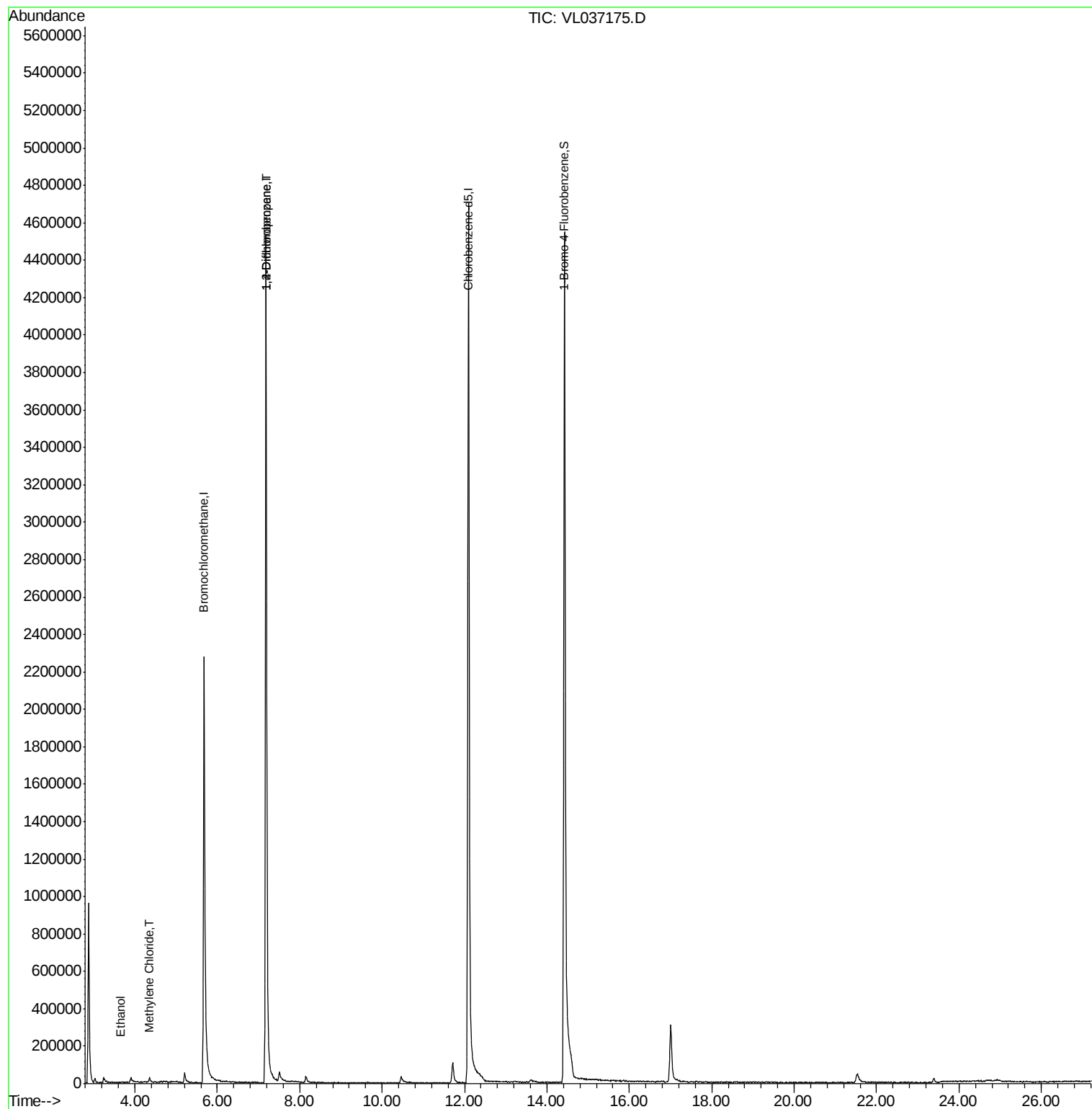
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	980	0.075	ppbv	77
20) Methylene Chloride	4.35	84	7651	0.083	ppbv #	76
39) 1,2-Dichloropropane	7.18	63	979492	7.992	ppbv #	23

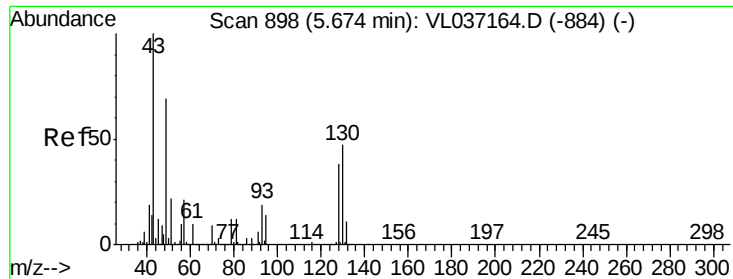
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

Lab File: VL037175.D

Acq: 16 Jun 2021 17:57

Instrument :

MSVOA_L

ClientSampled :

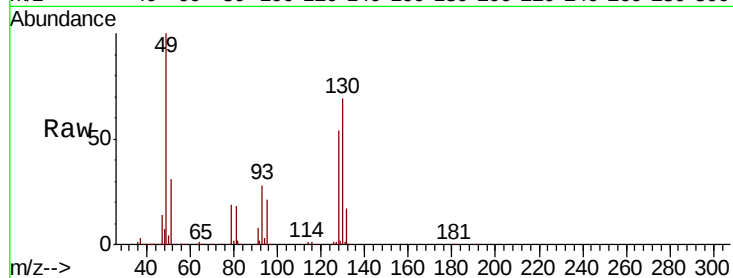
Tot Ion: 49 Resp: 1366706

Ion Ratio Lower Upper

49 100

128 59.2 29.3 88.0

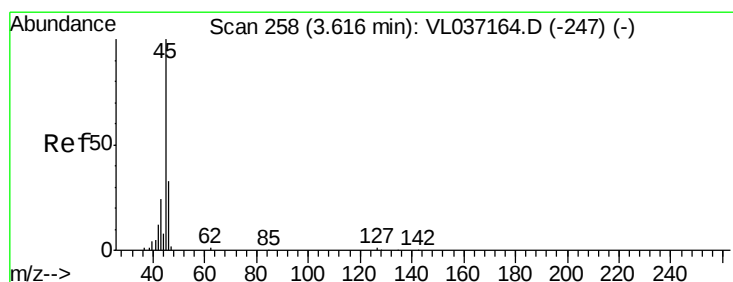
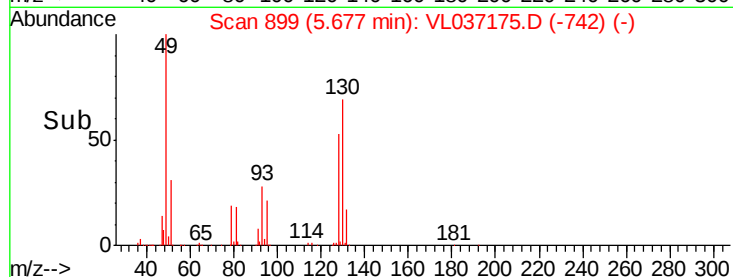
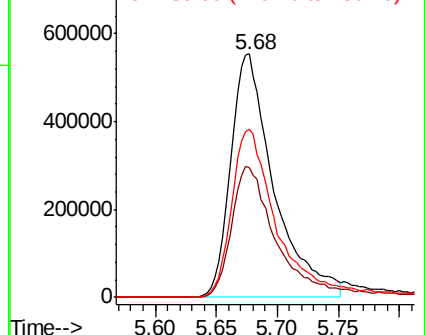
130 74.2 35.9 107.8



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



#13

Ethanol

Concen: 0.075 ppbv

RT: 3.65 min Scan# 267

Delta R.T. 0.03 min

Lab File: VL037175.D

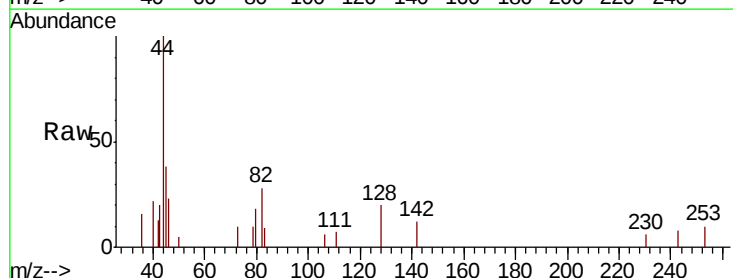
Acq: 16 Jun 2021 17:57

Tgt Ion: 45 Resp: 980

Ion Ratio Lower Upper

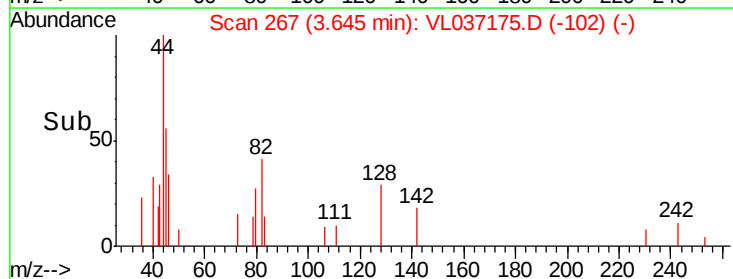
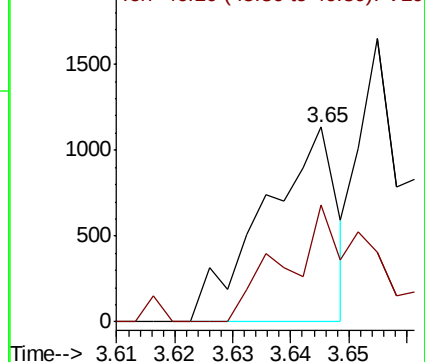
45 100

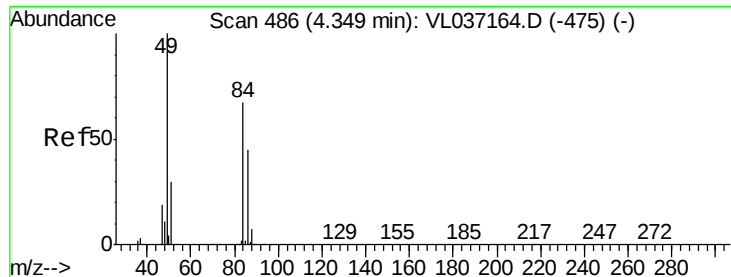
46 64.6 34.2 137.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

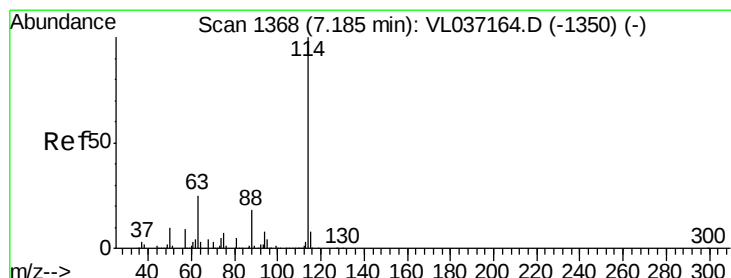
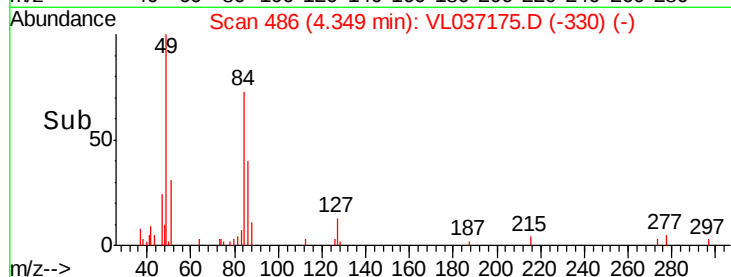
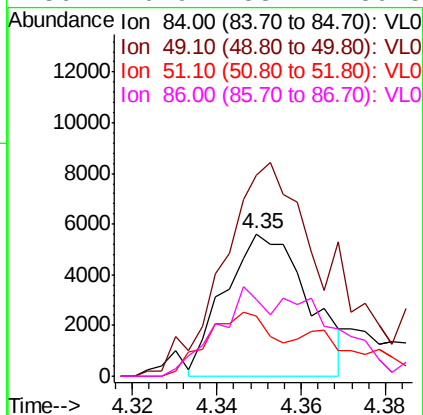
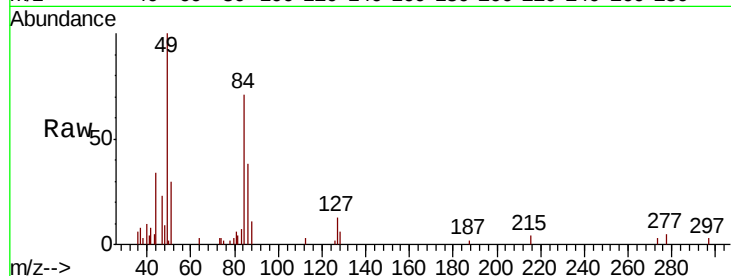




#20
Methylene Chloride
Concen: 0.083 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL037175.D
Acq: 16 Jun 2021 17:57

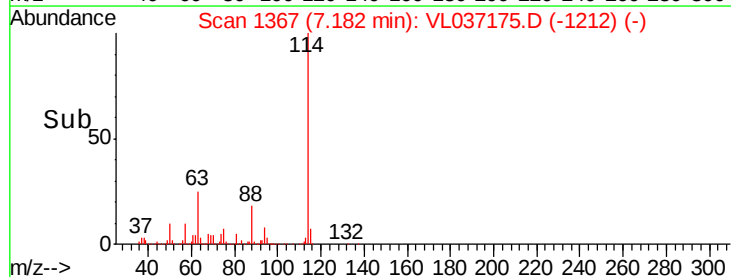
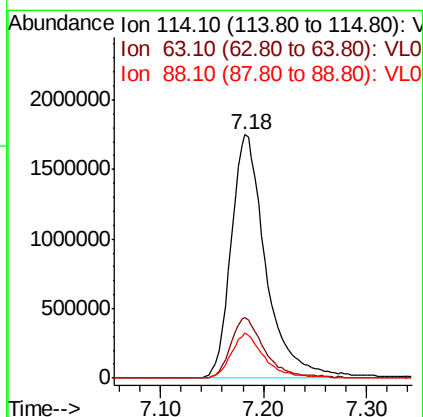
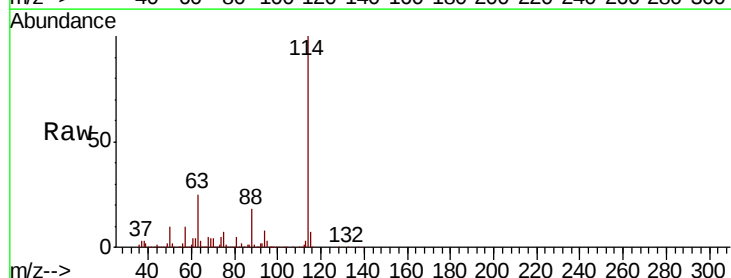
Instrument :
MSVOA_L
ClientSampled :

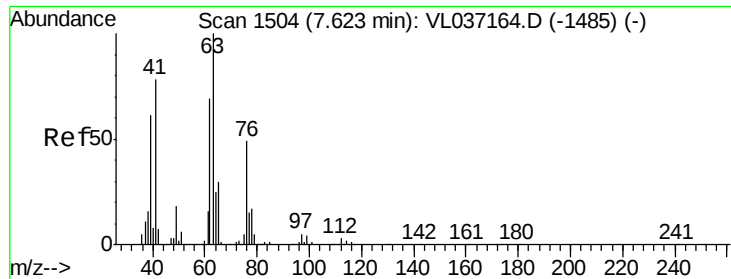
Tot Ion:	84	Resp:	7651
Ion	Ratio	Lower	Upper
84	100		
49	125.1	119.7	179.5
51	26.8	36.1	54.1#
86	40.9	53.7	80.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL037175.D
Acq: 16 Jun 2021 17:57

Tgt Ion:	114	Resp:	4078843
Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.6	29.4
88	18.1	14.2	21.2

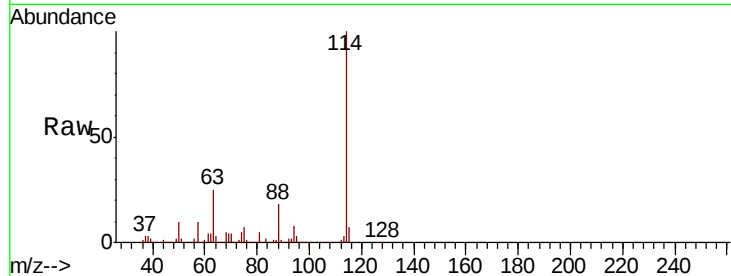




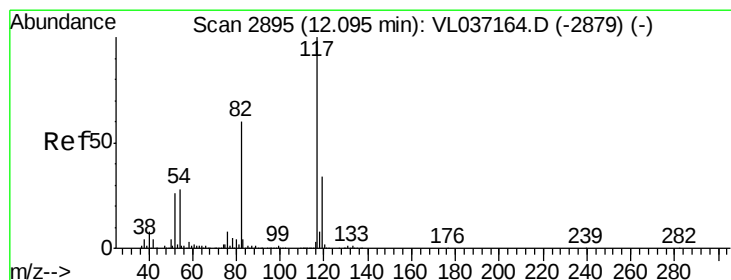
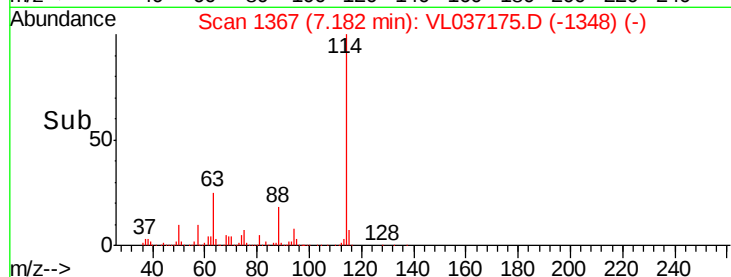
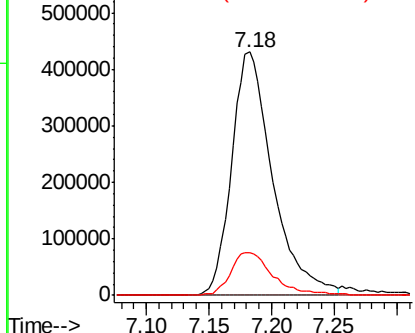
#39
 1,2-Dichloropropane
 Concen: 7.992 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.44 min
 Lab File: VL037175.D
 Acq: 16 Jun 2021 17:57

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.0	93.0#
62	17.5	54.9	82.3#

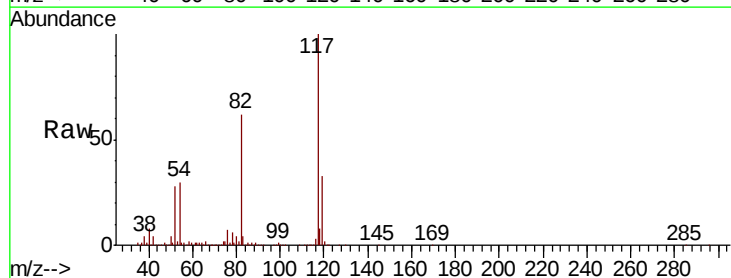


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

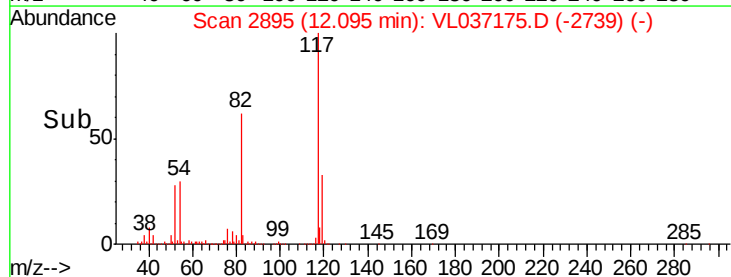
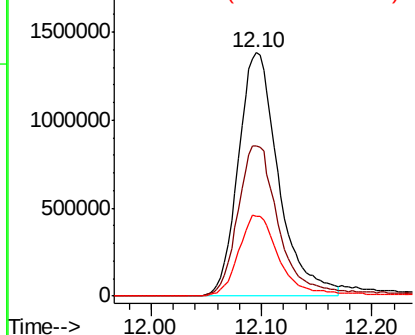


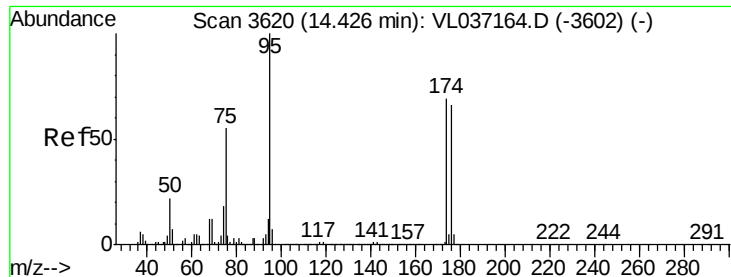
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. 0.00 min
 Lab File: VL037175.D
 Acq: 16 Jun 2021 17:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.2	51.7	77.5
119	34.6	47.6	71.4#



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.902 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.00 min

Lab File: VL037175.D

Acq: 16 Jun 2021 17:57

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2626883

Ion Ratio Lower Upper

95 100

174 74.3 57.0 85.4

175 5.4 4.4 6.6

