

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100121\
 Data File : VL037739.D
 Acq On : 1 Oct 2021 12:16
 Operator : SY/AP
 Sample : VL1001ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1001ABL01

Quant Time: Oct 02 01:33:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1481921	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4201680	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3474237	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2501095	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

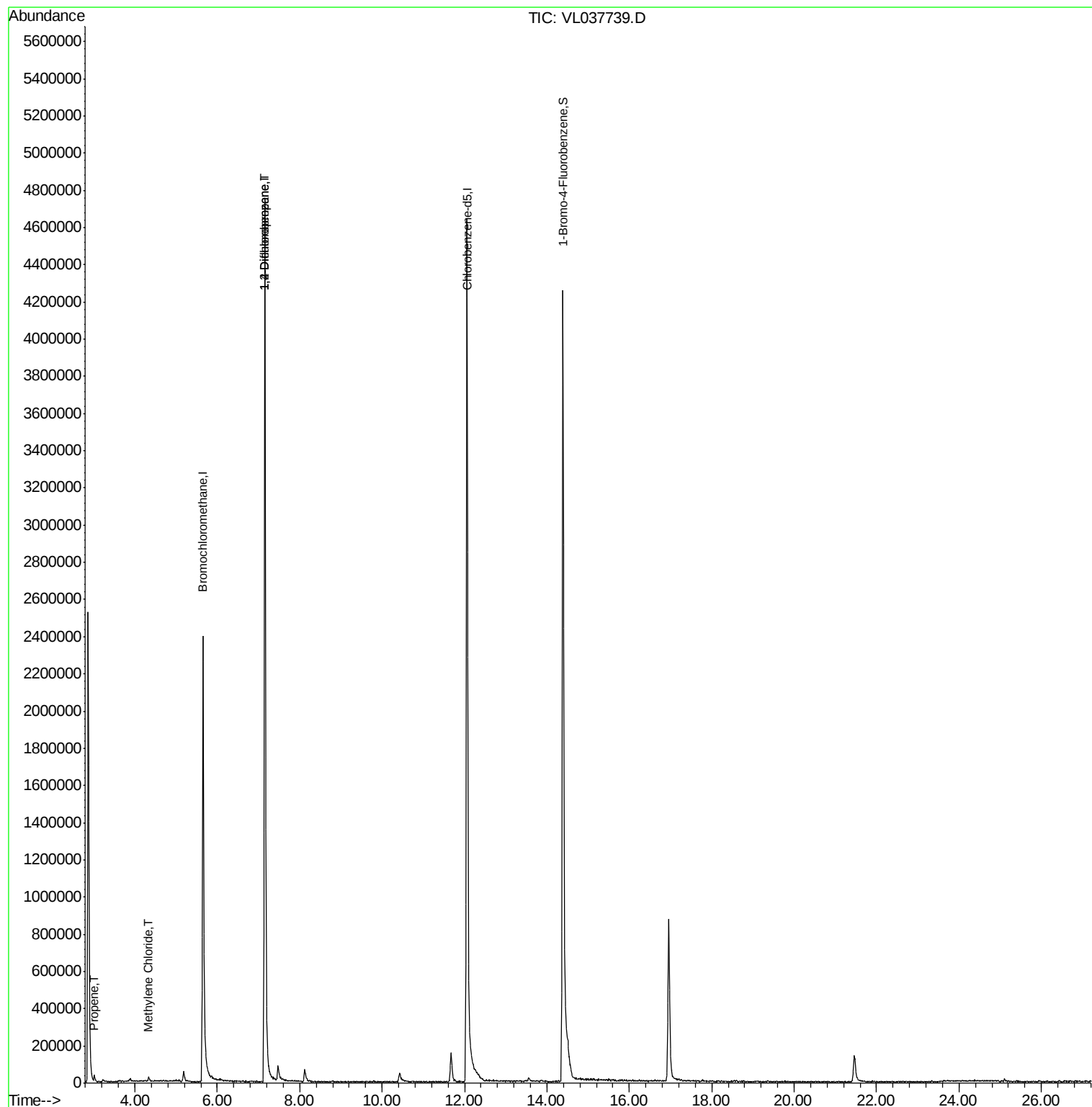
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	5563	0.056	ppbv #	63
20) Methylene Chloride	4.33	84	8427	0.115	ppbv #	72
39) 1,2-Dichloropropane	7.16	63	1008055	7.512	ppbv #	26

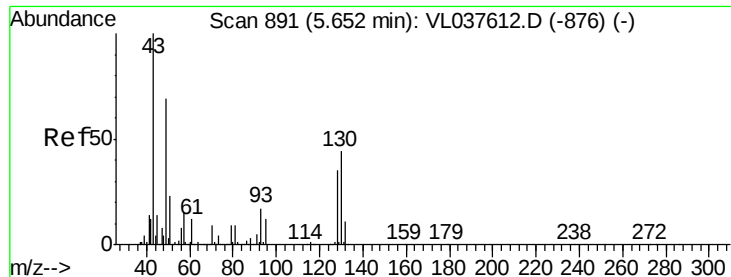
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037739.D

Acq: 1 Oct 2021 12:16

Instrument :

MSVOA_L

ClientSampleId :

VL1001ABL01

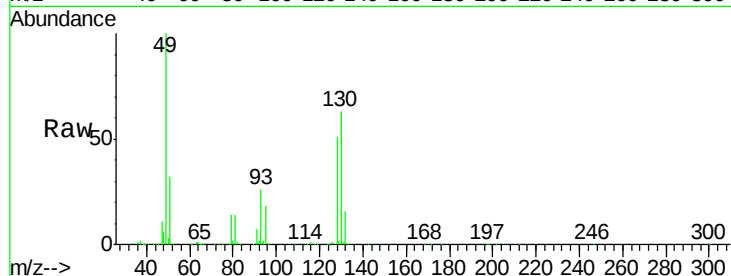
Tgt Ion: 49 Resp: 1481921

Ion Ratio Lower Upper

49 100

128 52.9 27.9 83.6

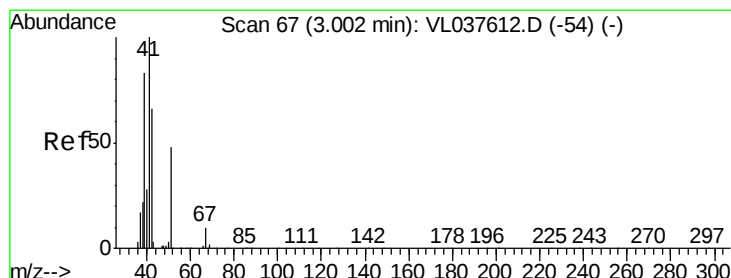
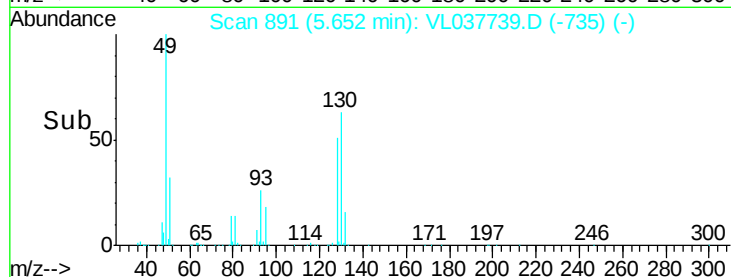
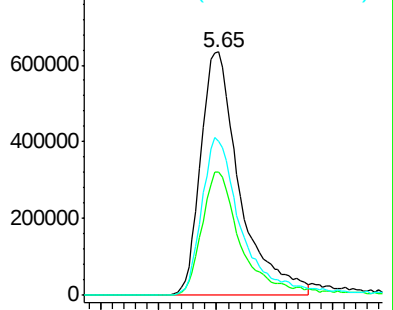
130 67.1 33.9 101.7



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



#9

Propene

Concen: 0.056 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL037739.D

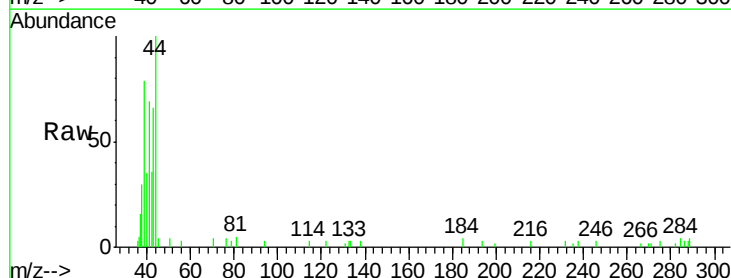
Acq: 1 Oct 2021 12:16

Tgt Ion: 41 Resp: 5563

Ion Ratio Lower Upper

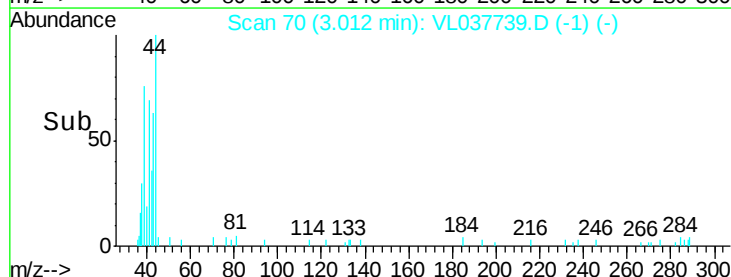
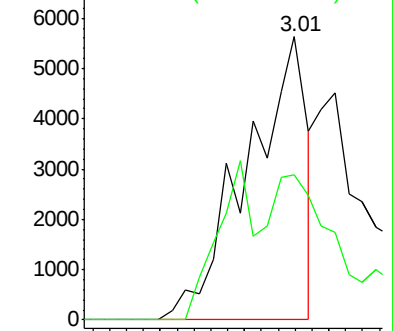
41 100

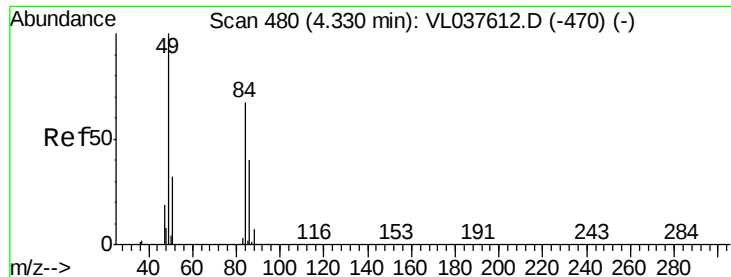
42 102.6 57.2 85.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

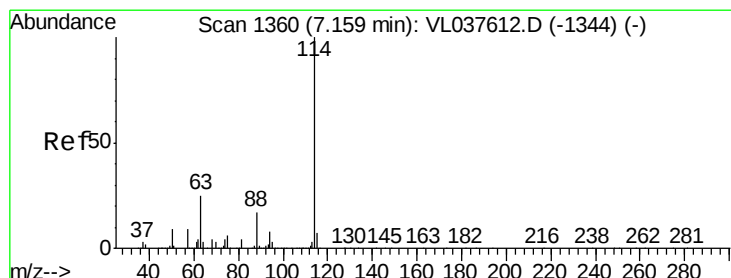
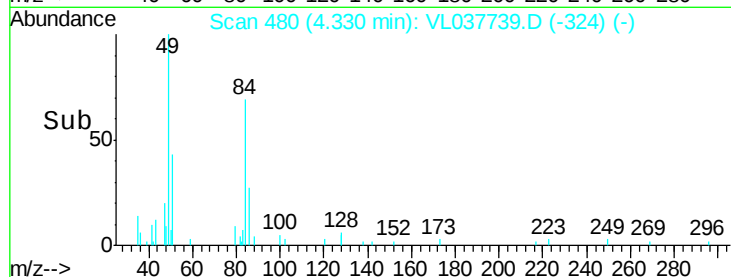
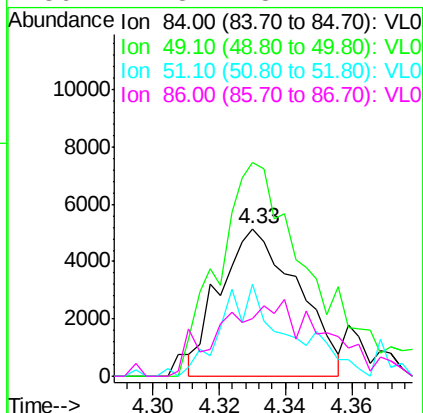
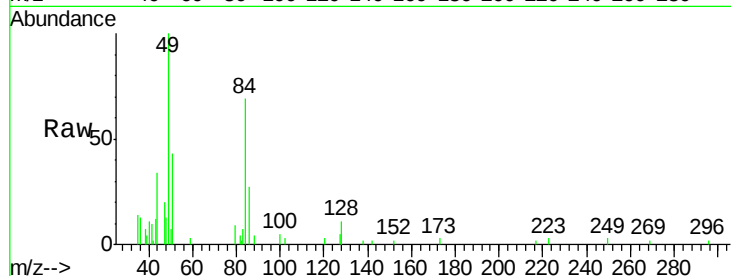




#20
Methylene Chloride
Concen: 0.115 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL037739.D
Acq: 1 Oct 2021 12:16

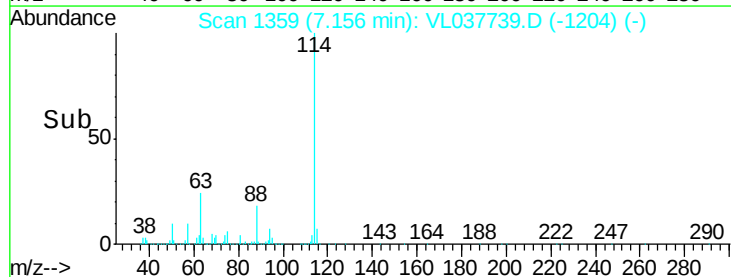
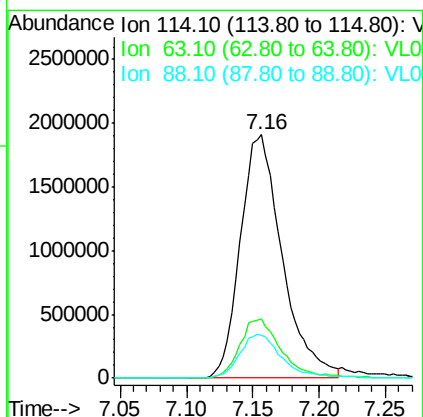
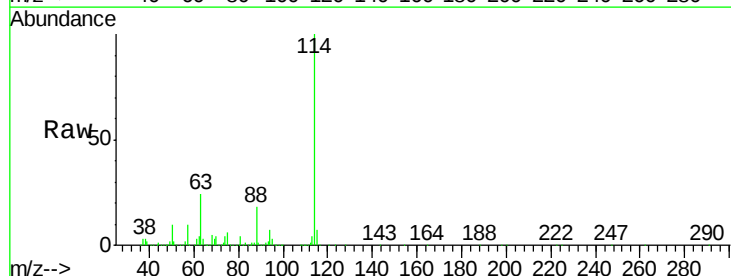
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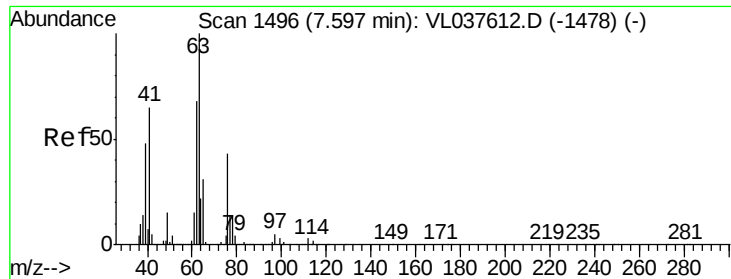
Tgt Ion: 84 Resp: 8427
Ion Ratio Lower Upper
84 100
49 130.8 120.0 180.0
51 66.5 38.0 57.0#
86 14.8 48.2 72.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL037739.D
Acq: 1 Oct 2021 12:16

Tgt Ion: 114 Resp: 4201680
Ion Ratio Lower Upper
114 100
63 24.6 19.6 29.4
88 18.5 14.2 21.4

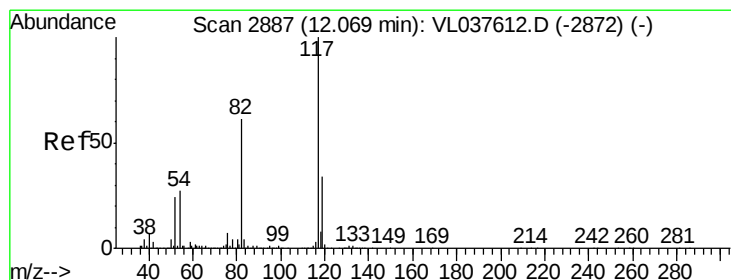
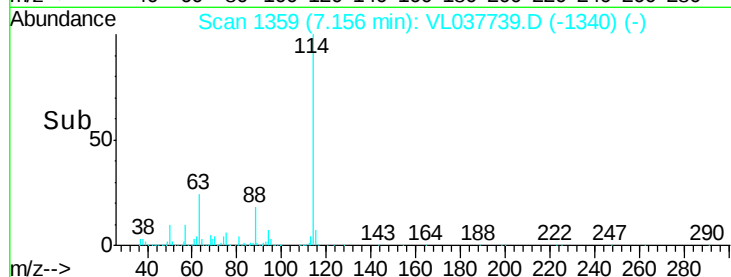
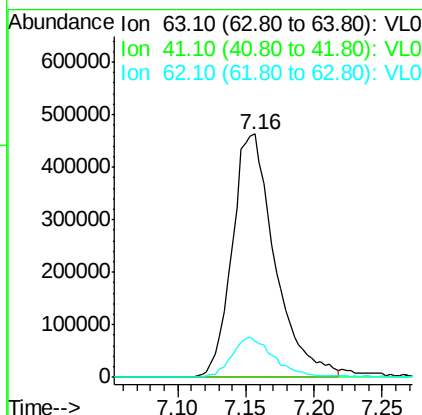
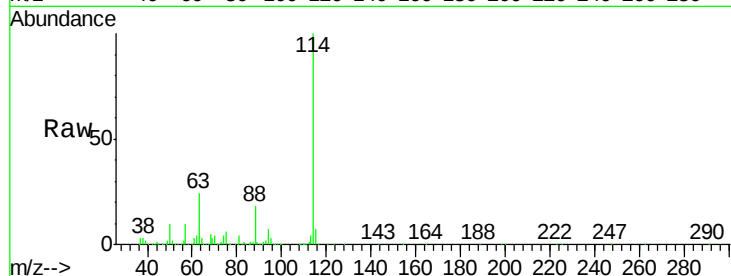




#39
 1,2-Dichloropropane
 Concen: 7.512 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.44 min
 Lab File: VL037739.D
 Acq: 1 Oct 2021 12:16

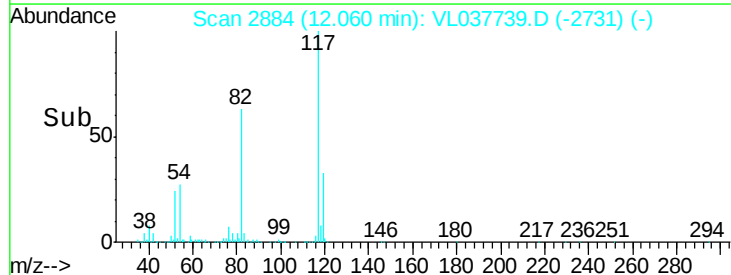
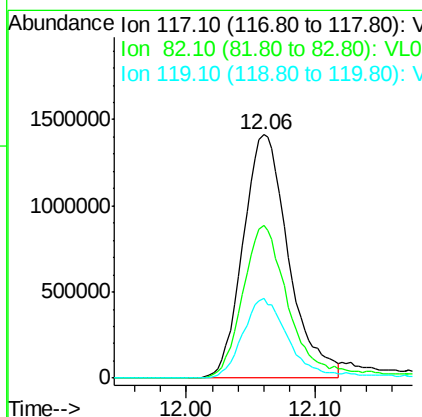
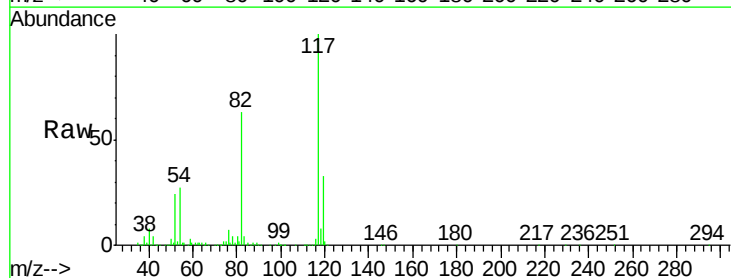
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1001ABL01

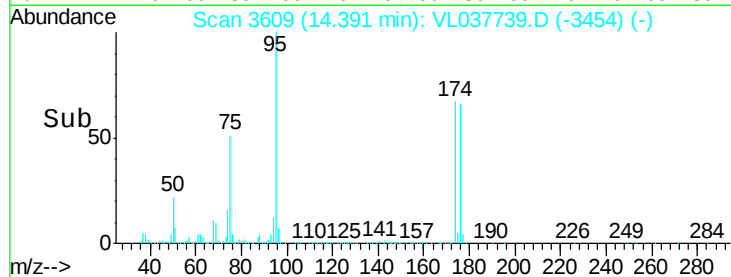
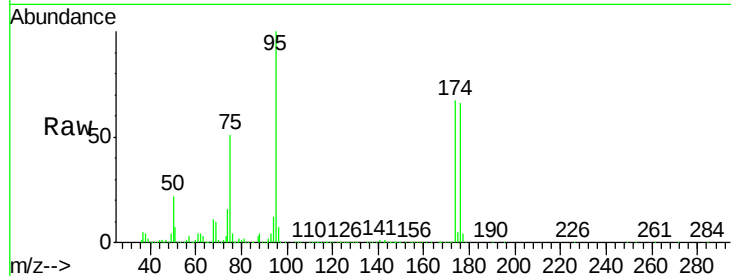
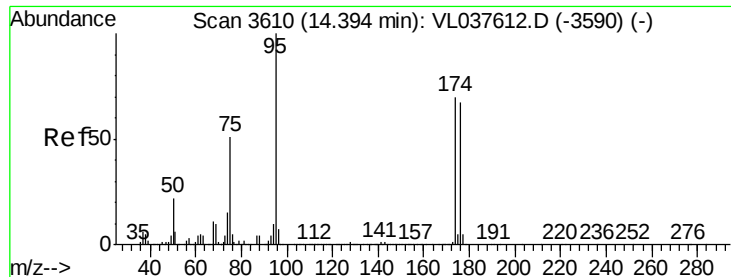
Tgt Ion: 63 Resp: 1008055
 Ion Ratio Lower Upper
 63 100
 41 0.1 51.6 77.4#
 62 15.1 54.6 81.8#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: VL037739.D
 Acq: 1 Oct 2021 12:16

Tgt Ion: 117 Resp: 3474237
 Ion Ratio Lower Upper
 117 100
 82 67.4 50.6 75.8
 119 34.0 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.961 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.00 min

Lab File: VL037739.D

Acq: 1 Oct 2021 12:16

Instrument :

MSVOA_L

ClientSampleId :

VL1001ABL01

Tgt Ion: 95 Resp: 2501095

Ion Ratio Lower Upper

95 100

174 74.8 56.3 84.5

175 5.5 4.4 6.6

