

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091721\
 Data File : VL037639.D
 Acq On : 17 Sep 2021 12:57
 Operator : SY/AP
 Sample : VL0917ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 18 06:17:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1394319	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	4108818	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3474526	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2391251	9.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

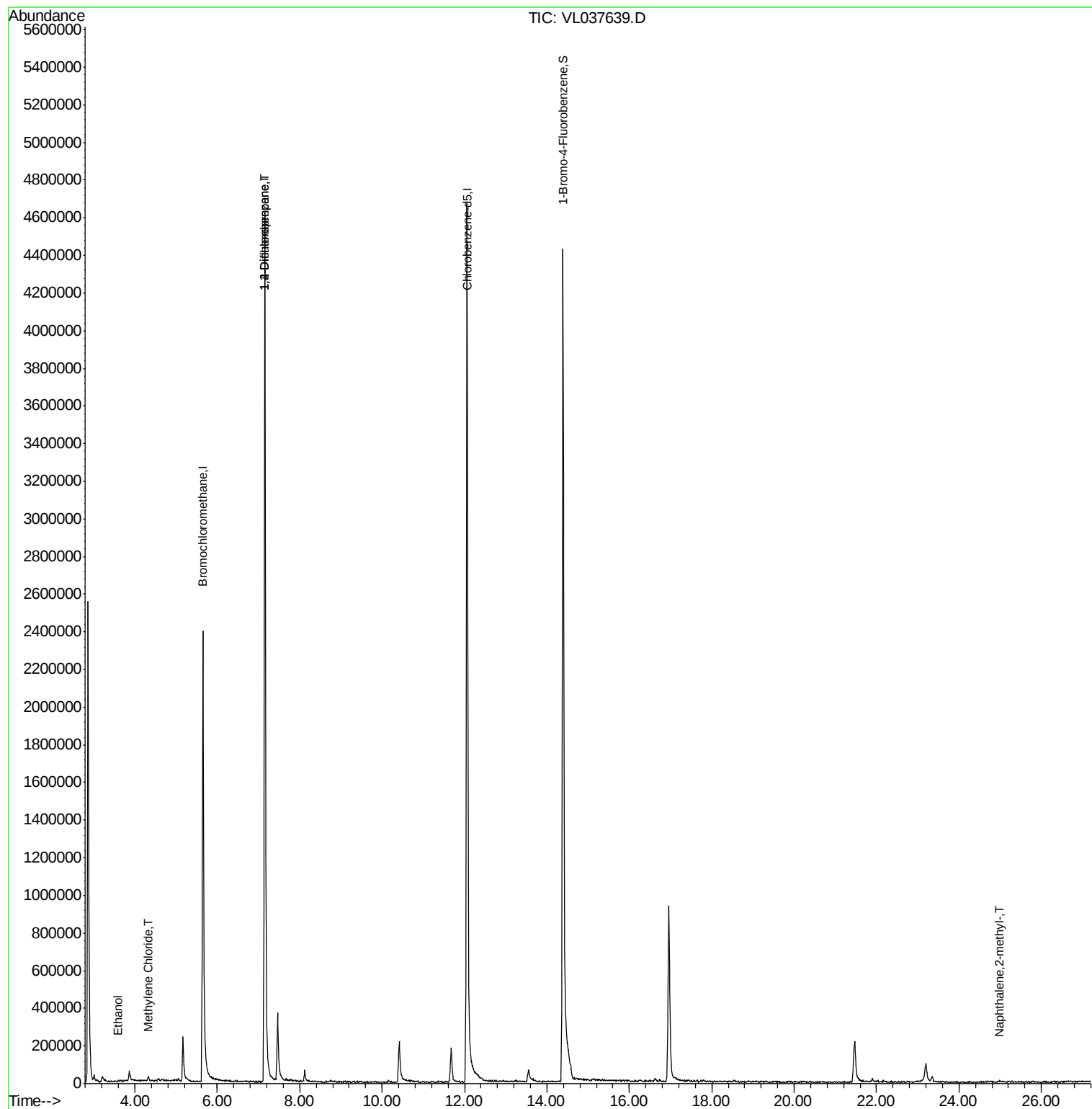
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	533	0.059	ppbv #	33
20) Methylene Chloride	4.33	84	3259	0.047	ppbv #	18
39) 1,2-Dichloropropane	7.15	63	950541	7.243	ppbv #	27
80) Naphthalene,2-methyl-	24.97	142	4880	0.081	ppbv	93

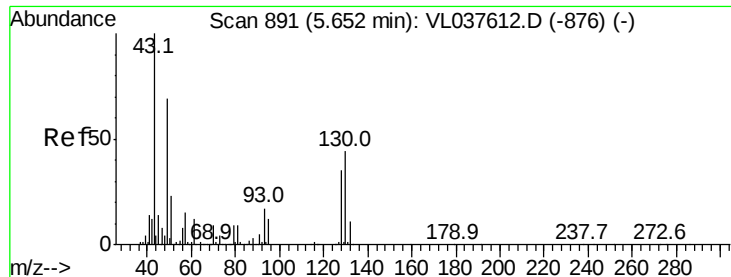
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 890

Delta R.T. -0.00 min

Lab File: VL037639.D

Acq: 17 Sep 2021 12:57

Instrument :

MSVOA_L

ClientSampled :

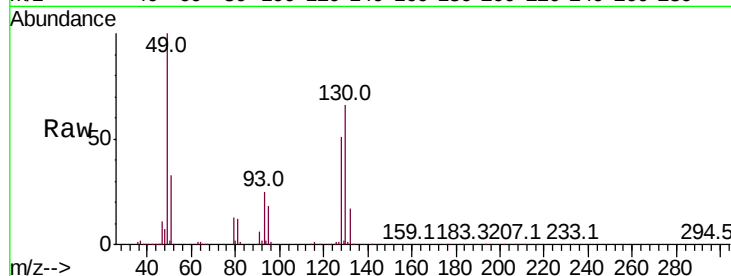
Tot Ion: 49 Resp: 1394319

Ion Ratio Lower Upper

49 100

128 55.7 27.9 83.6

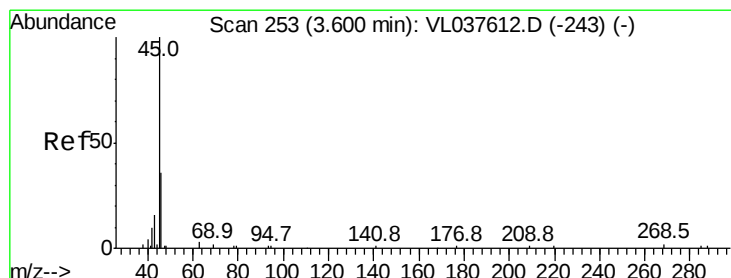
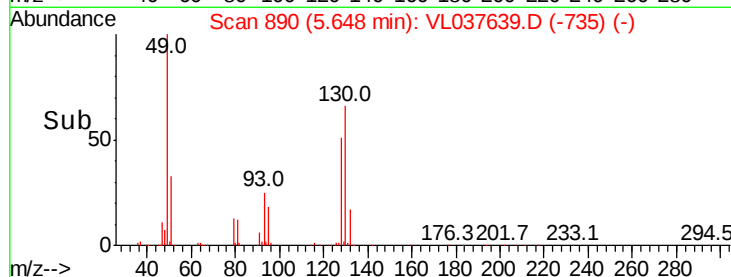
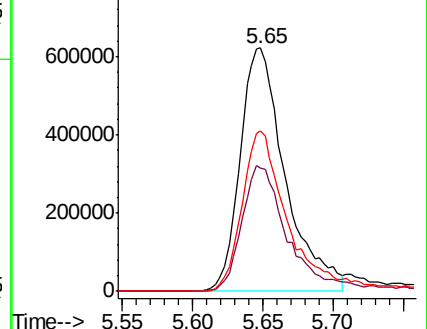
130 69.7 33.9 101.7



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



#13

Ethanol

Concen: 0.059 ppbv

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL037639.D

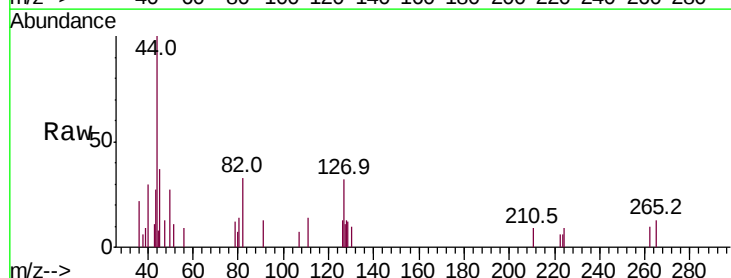
Acq: 17 Sep 2021 12:57

Tgt Ion: 45 Resp: 533

Ion Ratio Lower Upper

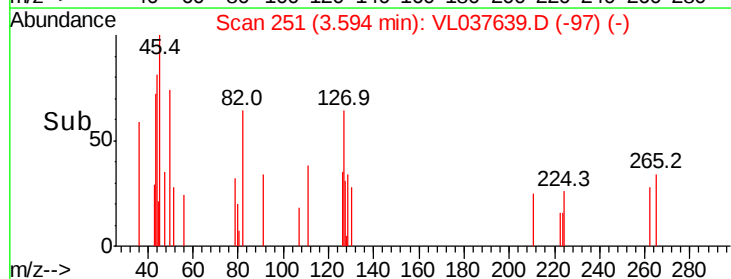
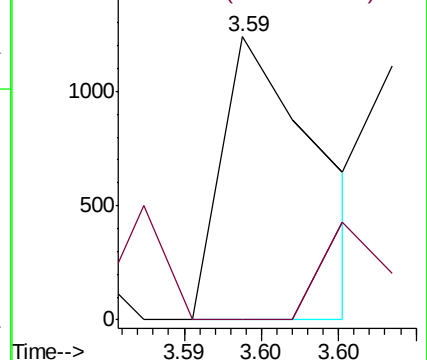
45 100

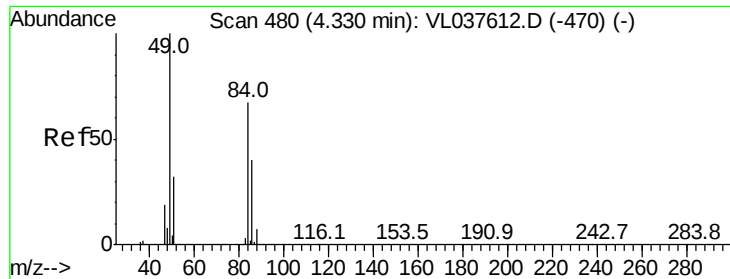
46 0.0 17.2 68.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

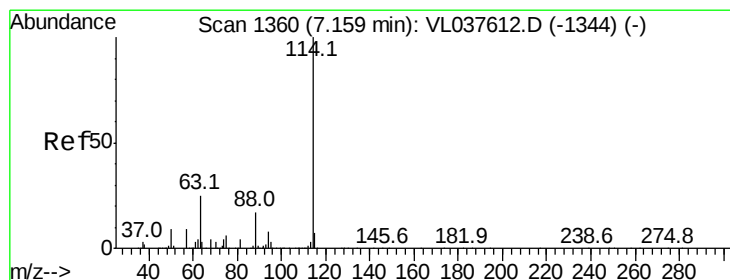
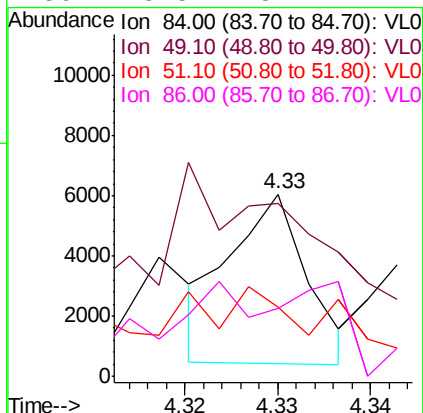
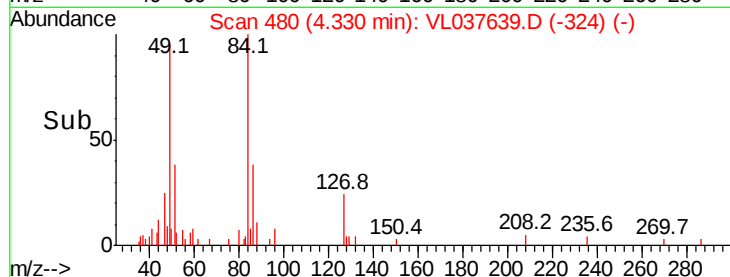
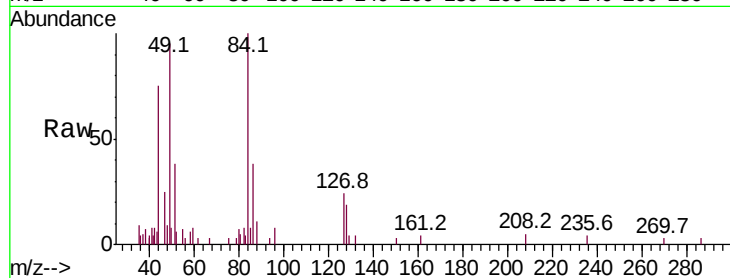




#20
Methylene Chloride
Concen: 0.047 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL037639.D
Acq: 17 Sep 2021 12:57

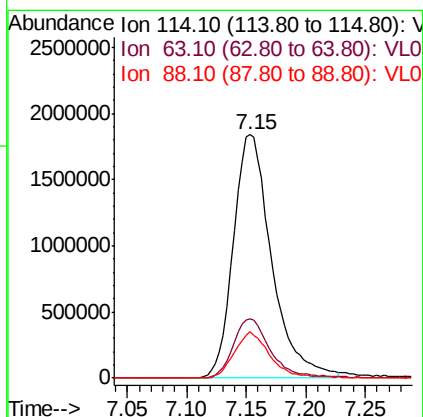
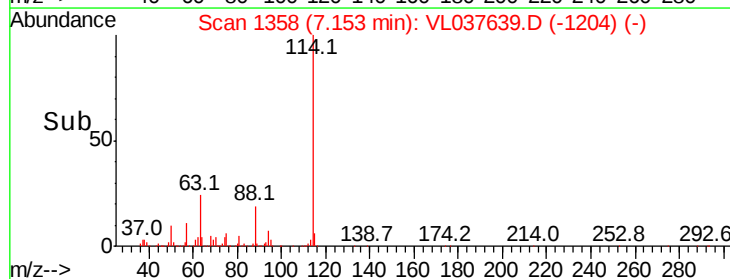
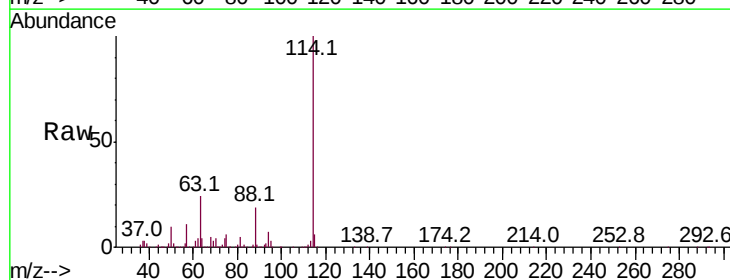
Instrument :
MSVOA_L
ClientSampled :

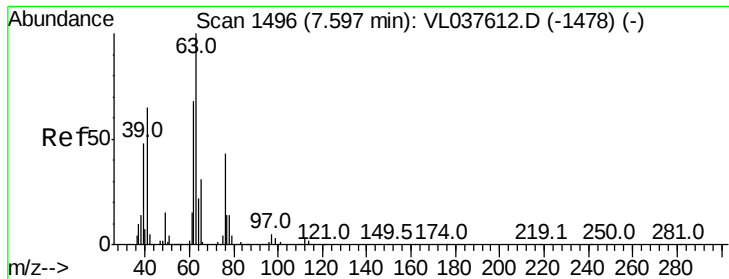
Tot Ion:	84	Resp:	3259
Ion	Ratio	Lower	Upper
84	100		
49	35.6	120.0	180.0#
51	0.0	38.0	57.0#
86	5.5	48.2	72.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL037639.D
Acq: 17 Sep 2021 12:57

Tgt Ion:	114	Resp:	4108818
Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	18.0	14.2	21.4





#39

1,2-Dichloropropane

Concen: 7.243 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.44 min

Lab File: VL037639.D

Acq: 17 Sep 2021 12:57

Instrument :

MSVOA_L

ClientSampleId :

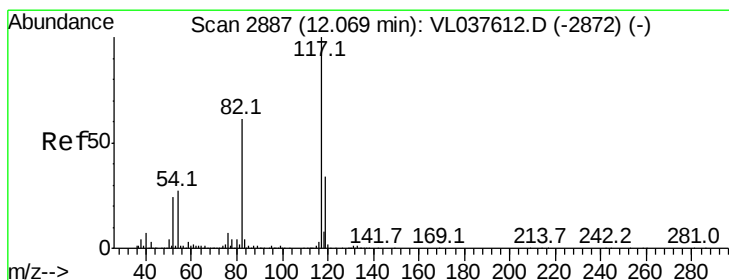
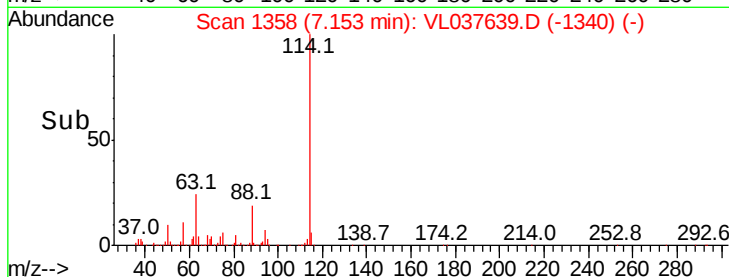
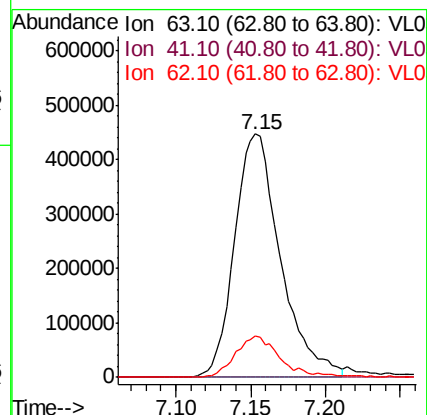
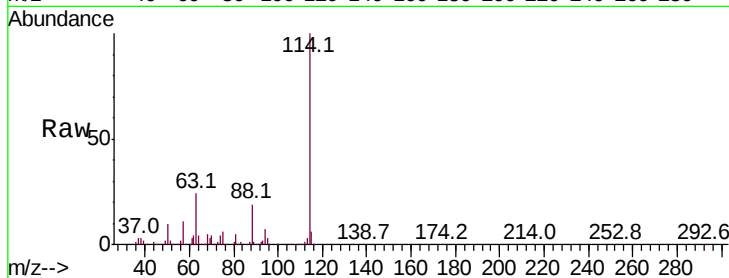
Tot Ion: 63 Resp: 950541

Ion Ratio Lower Upper

63 100

41 0.0 51.6 77.4#

62 16.8 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: VL037639.D

Acq: 17 Sep 2021 12:57

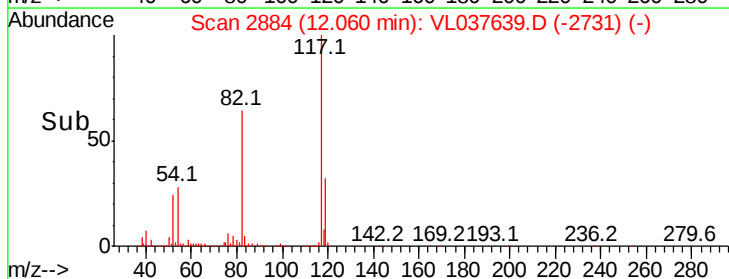
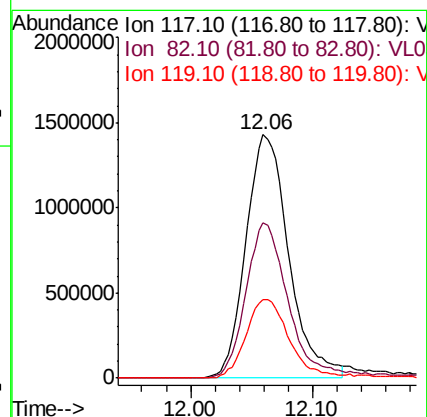
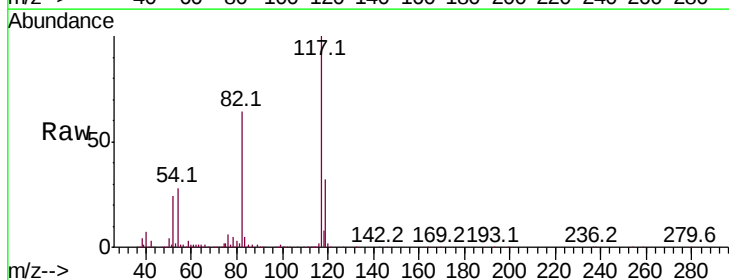
Tgt Ion: 117 Resp: 3474526

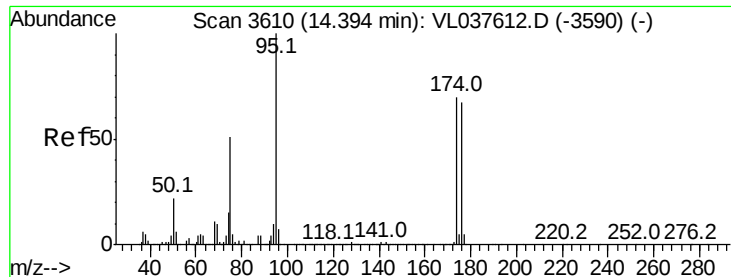
Ion Ratio Lower Upper

117 100

82 65.5 50.6 75.8

119 33.8 26.2 39.2

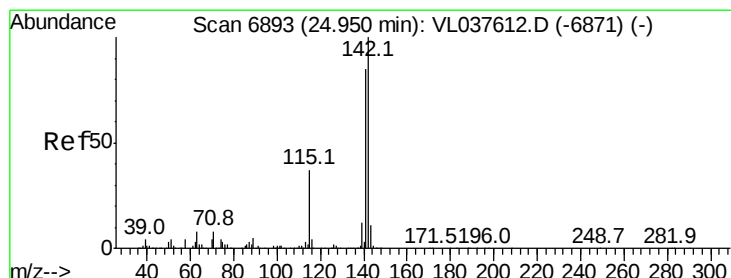
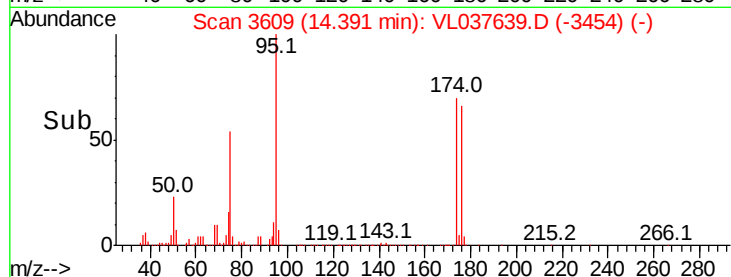
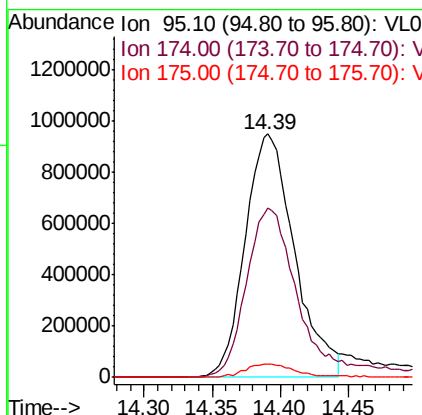
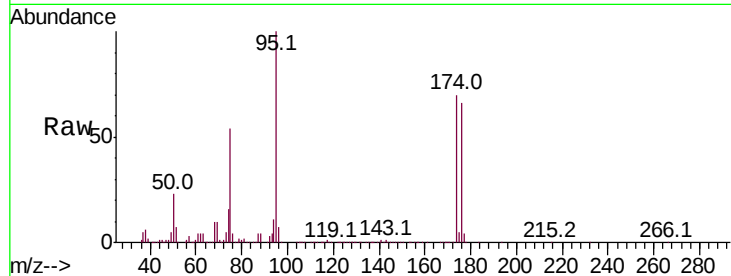




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.523 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VL037639.D
 Acq: 17 Sep 2021 12:57

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 95 Resp: 2391251
 Ion Ratio Lower Upper
 95 100
 174 78.8 56.3 84.5
 175 5.8 4.4 6.6



#80
 Naphthalene, 2-methyl-
 Concen: 0.081 ppbv
 RT: 24.97 min Scan# 6900
 Delta R.T. 0.02 min
 Lab File: VL037639.D
 Acq: 17 Sep 2021 12:57

Tgt Ion: 142 Resp: 4880
 Ion Ratio Lower Upper
 142 100
 141 81.2 70.9 106.3
 115 33.2 29.6 44.4

