

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012622\
 Data File : VL038289.D
 Acq On : 26 Jan 2022 15:26
 Operator : SY/AP
 Sample : N1268-03DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Quant Time: Jan 27 03:54:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	820823	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2301517	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1837287	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1381571	9.91	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

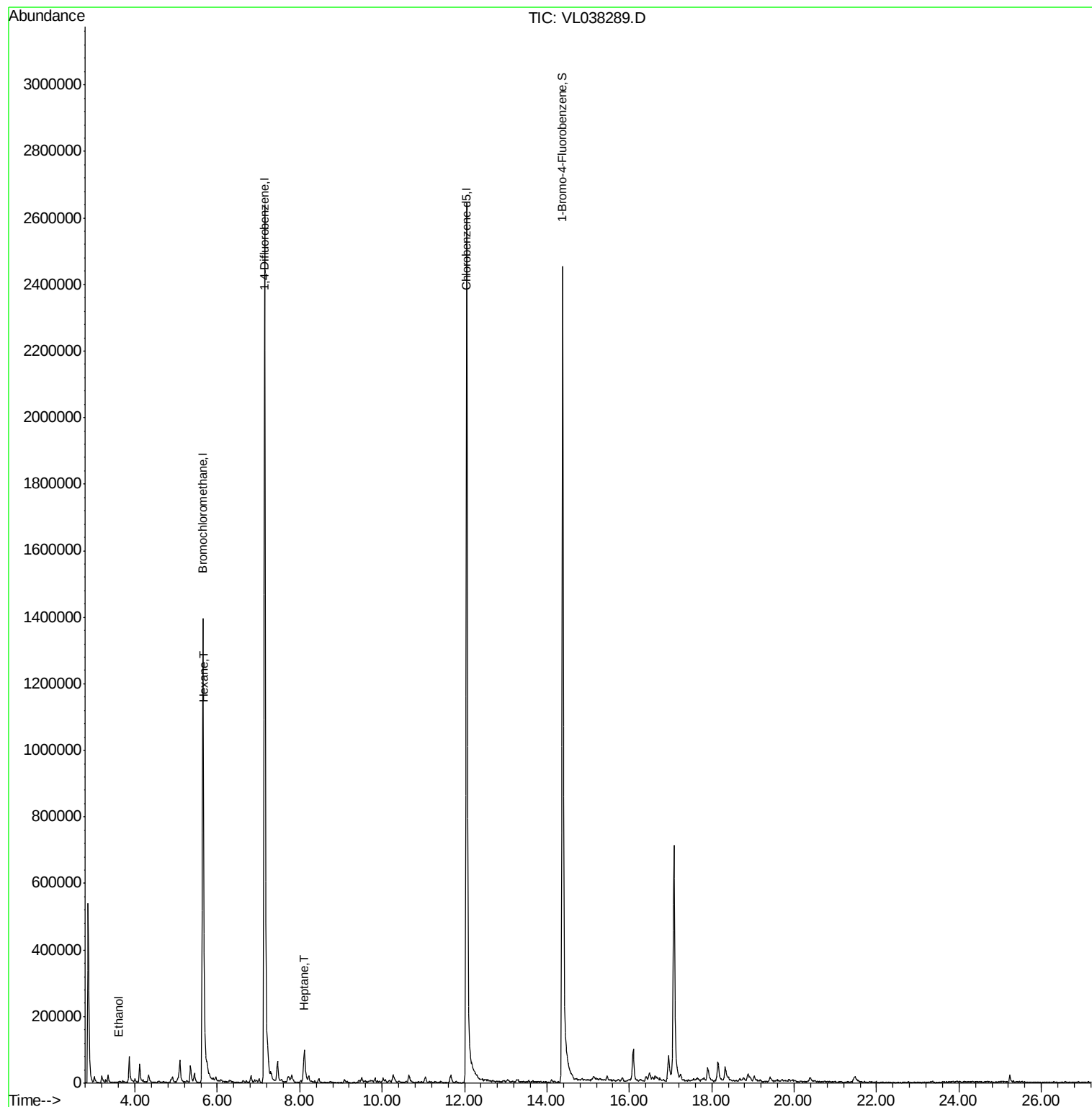
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Heptane	8.09	43	22873	0.167	ppbv	97
13) Ethanol	3.61	45	1411	0.247	ppbv #	11
26) Hexane	5.67	57	58993	0.626	ppbv #	39

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV-1DL2

Acq: 26 Jan 2022 15:26

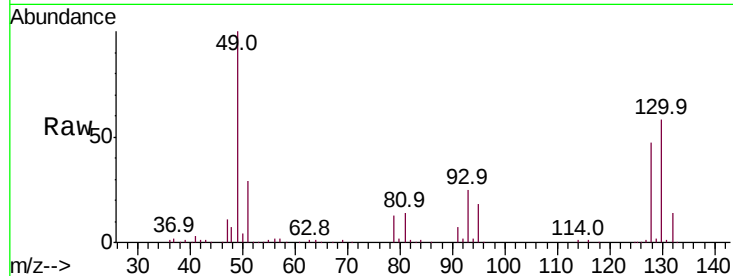
Tot Ion: 49 Resp: 820823

Ion Ratio Lower Upper

49 100

128 48.7 24.5 73.5

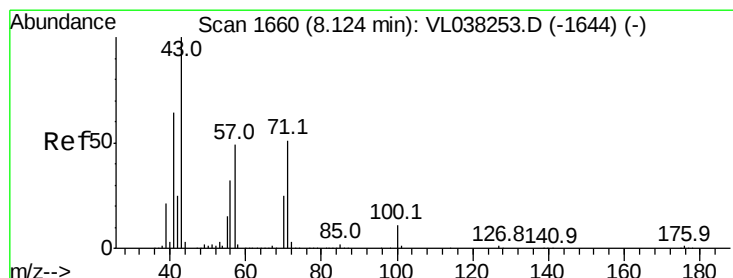
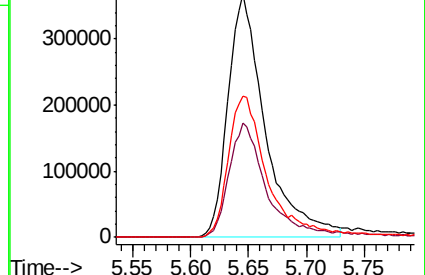
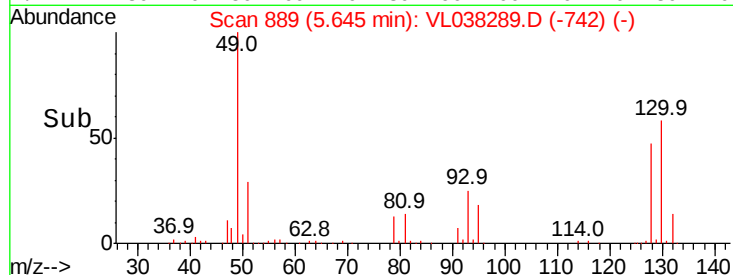
130 63.2 30.1 90.5



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



#10

Heptane

Concen: 0.167 ppbv

RT: 8.09 min Scan# 1650

Delta R.T. -0.03 min

Lab File: VL038289.D

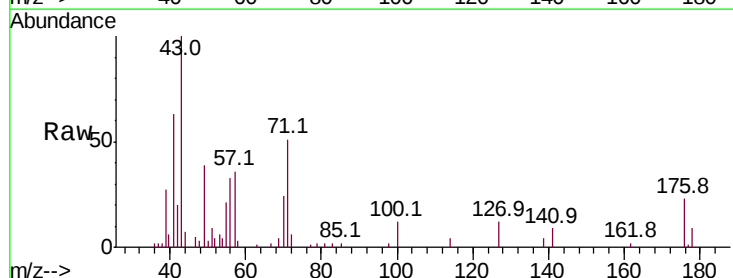
Acq: 26 Jan 2022 15:26

Tgt Ion: 43 Resp: 22873

Ion Ratio Lower Upper

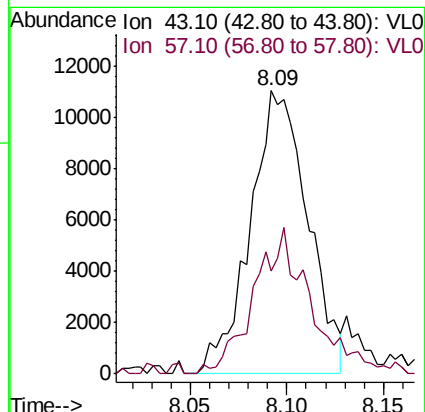
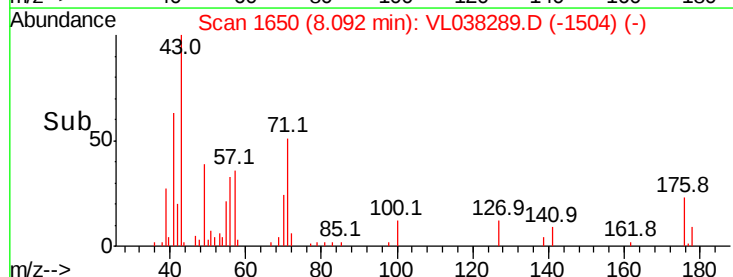
43 100

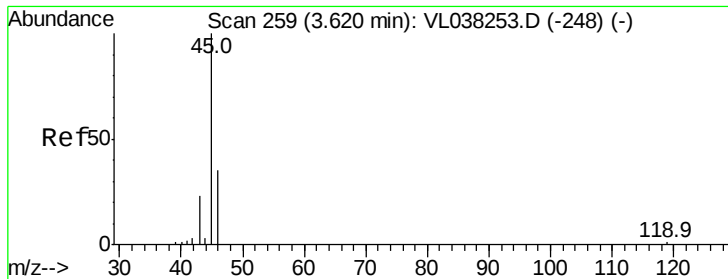
57 51.2 39.5 59.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#13

Ethanol

Concen: 0.247 ppbv

RT: 3.61 Instrument: MSVOA_1

Delta R.T. -0.02 min

Lab File: ClientSampleId: SV-1DL2

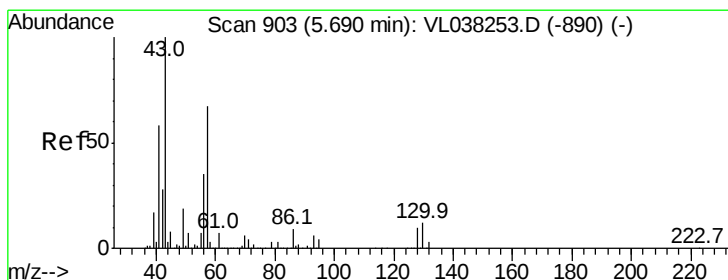
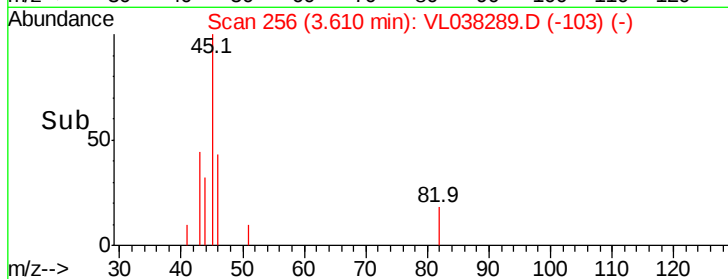
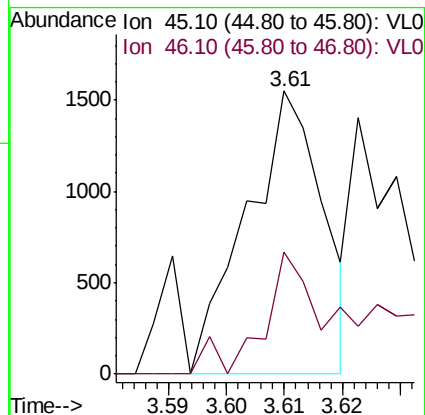
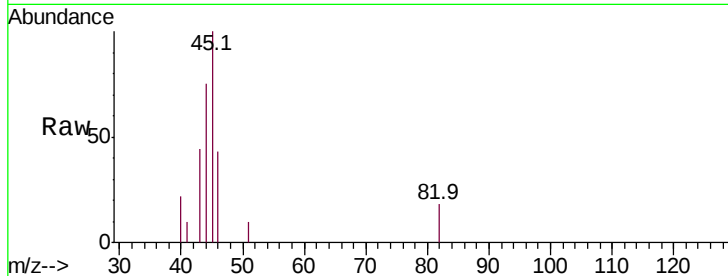
Acq: 26 Jan 2022 15:26

Tot Ion: 45 Resp: 1411

Ion Ratio Lower Upper

45 100

46 92.5 15.4 61.6#



#26

Hexane

Concen: 0.626 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.02 min

Lab File: VL038289.D

Acq: 26 Jan 2022 15:26

Tgt Ion: 57 Resp: 58993

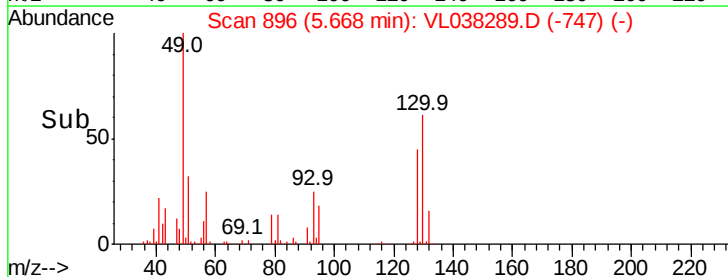
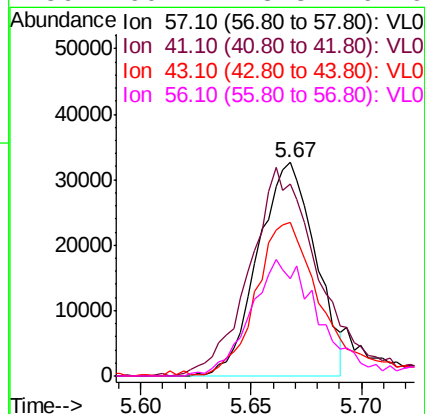
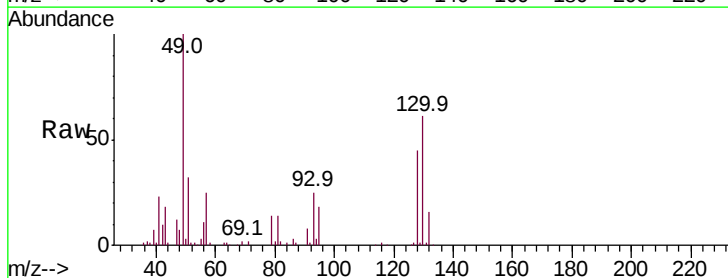
Ion Ratio Lower Upper

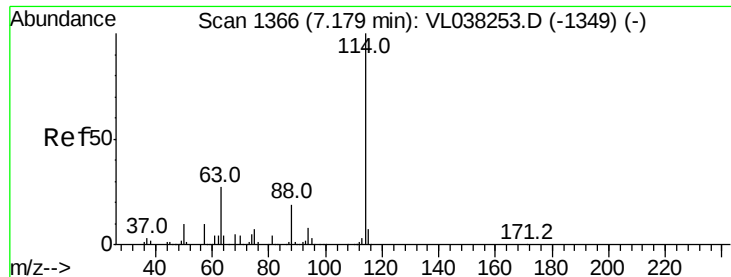
57 100

41 118.7 72.8 109.2#

43 84.8 177.0 265.6#

56 66.7 43.3 64.9#

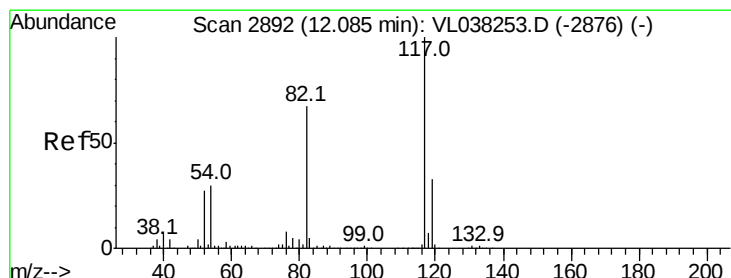
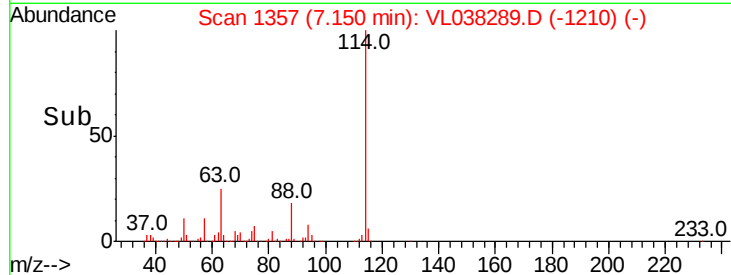
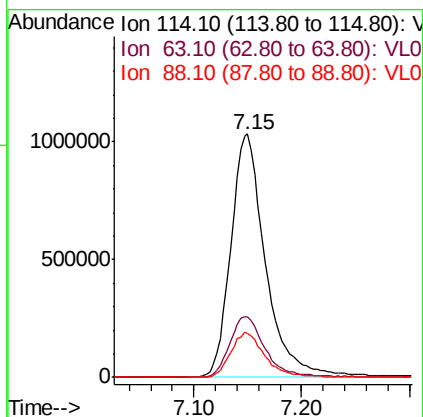
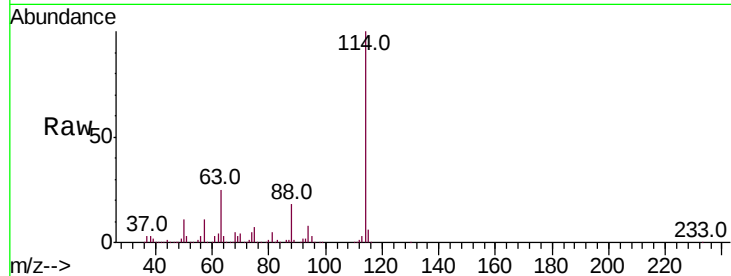




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-1DL2
 Acq: 26 Jan 2022 15:26

Tot Ion:114 Resp: 2301517

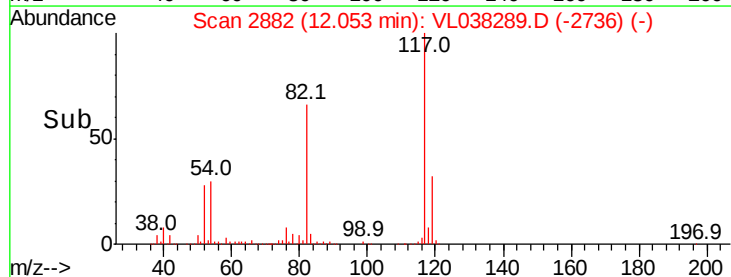
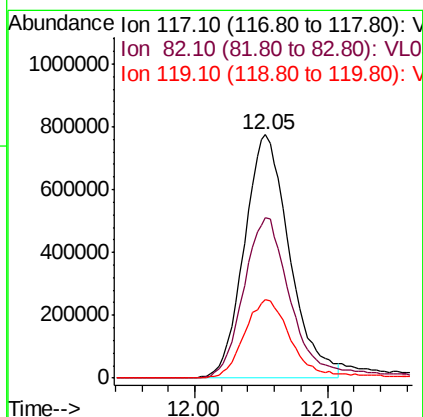
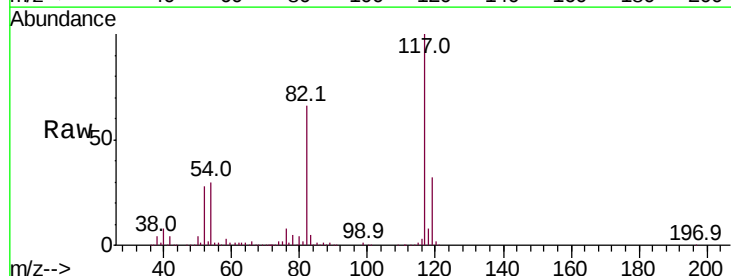
Ion	Ratio	Lower	Upper
114	100		
63	26.0	22.0	33.0
88	18.9	15.0	22.6

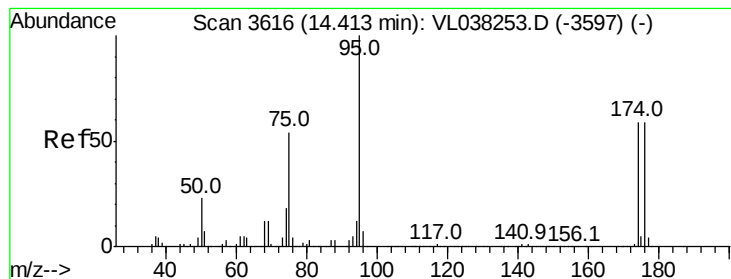


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: VL038289.D
 Acq: 26 Jan 2022 15:26

Tgt Ion:117 Resp: 1837287

Ion	Ratio	Lower	Upper
117	100		
82	73.8	54.4	81.6
119	34.6	45.9	68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.907 ppbv

RT: 14.38 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

SV-1DL2

Acq: 26 Jan 2022 15:28

Tot Ion: 95 Resp: 1381571

Ion Ratio Lower Upper

95 100

174 63.2 48.3 72.5

175 4.6 3.5 5.3

