

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038808.D
 Acq On : 31 Mar 2022 9:06
 Operator : SY/AP
 Sample : OC033022 CAN 10320
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 01 05:14:38 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	785002	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2257313	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1909949	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1378961	9.42	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.20%

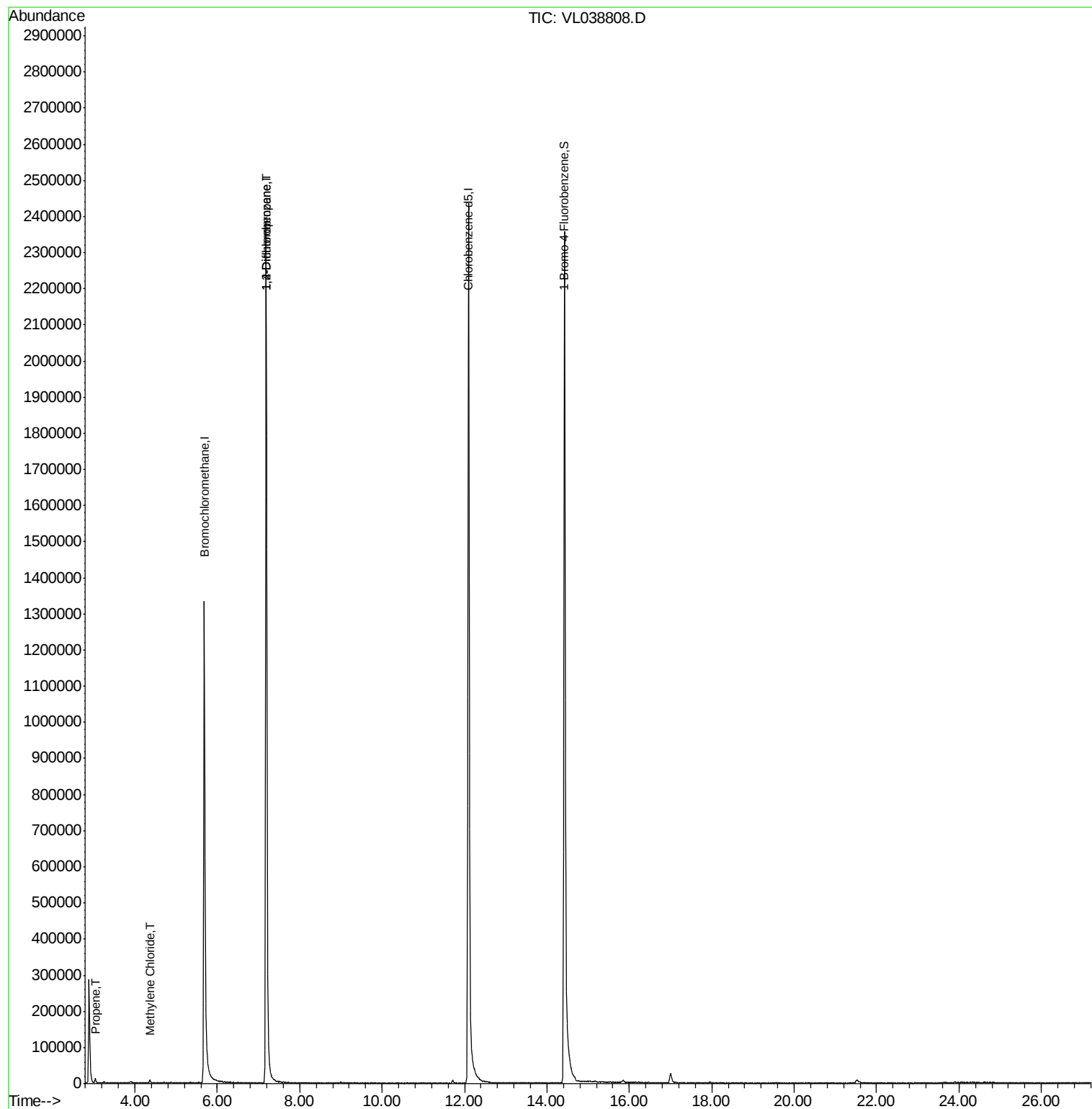
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	1437	0.036	ppbv #	15
20) Methylene Chloride	4.36	84	2342	0.082	ppbv #	71
39) 1,2-Dichloropropane	7.19	63	503105	7.387	ppbv #	28

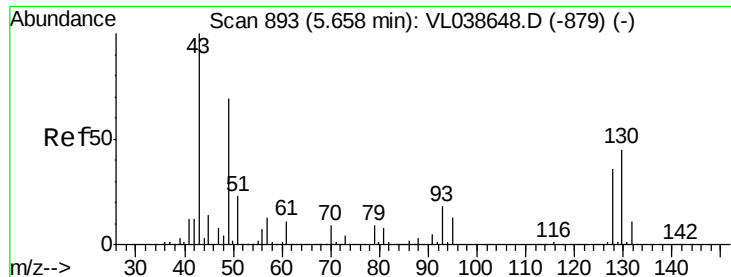
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 9:00

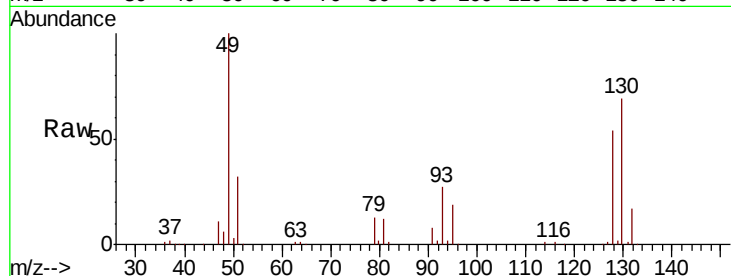
Tot Ion: 49 Resp: 785002

Ion Ratio Lower Upper

49 100

128 58.6 26.2 78.6

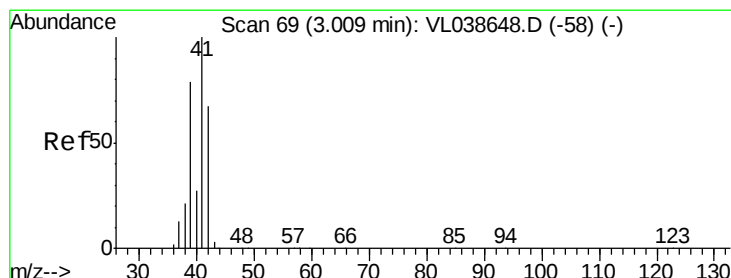
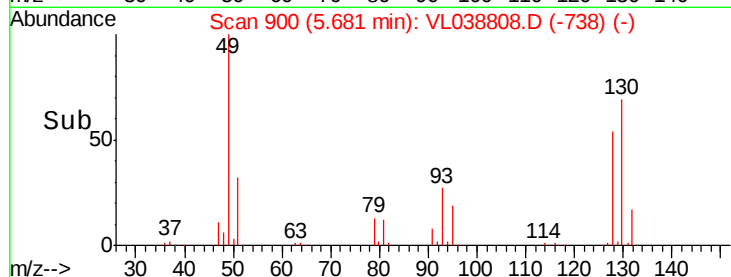
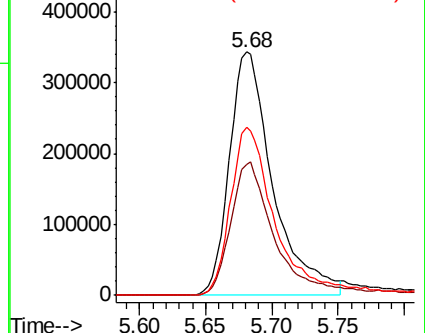
130 75.5 33.7 101.1



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: 0.036 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL038808.D

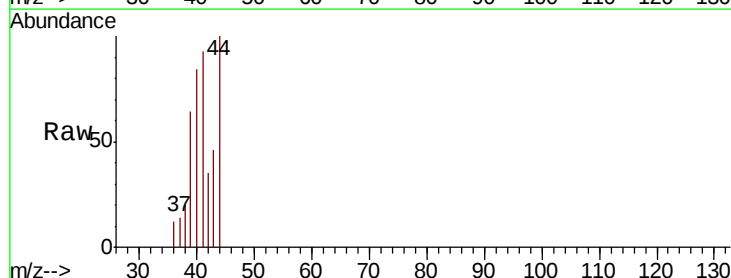
Acq: 31 Mar 2022 9:06

Tgt Ion: 41 Resp: 1437

Ion Ratio Lower Upper

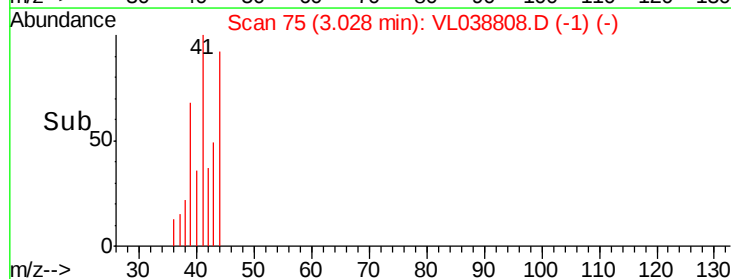
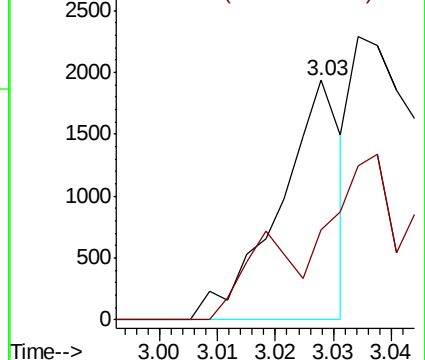
41 100

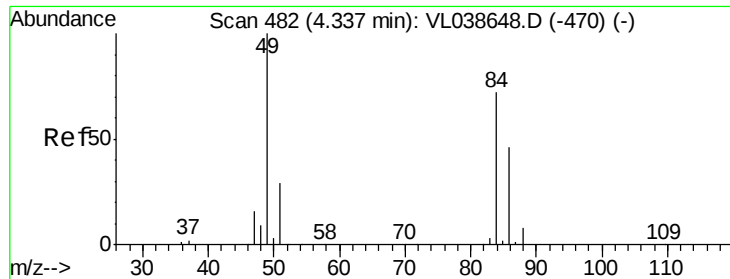
42 0.0 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

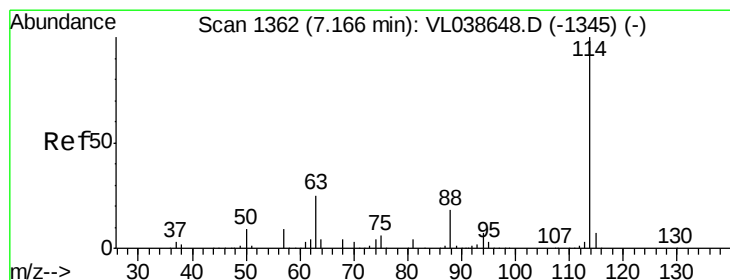
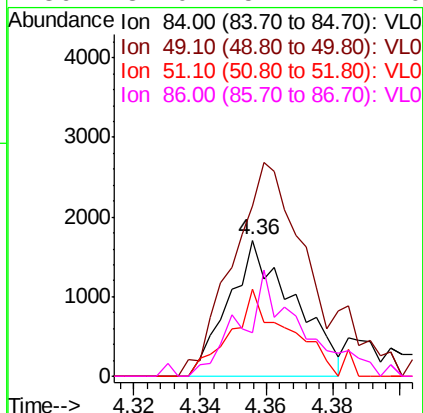
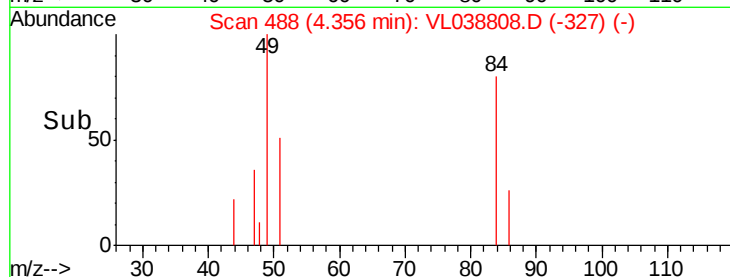
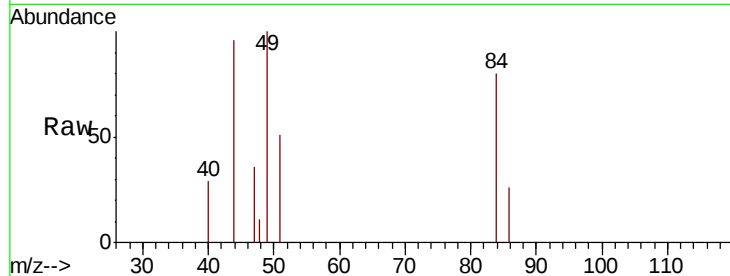
Ion 42.10 (41.80 to 42.80): VL0





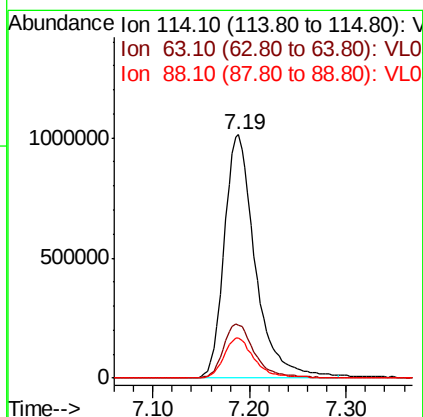
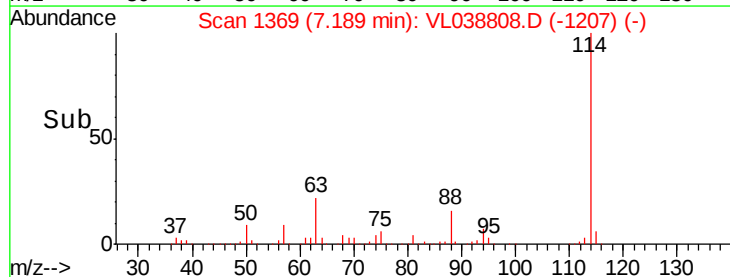
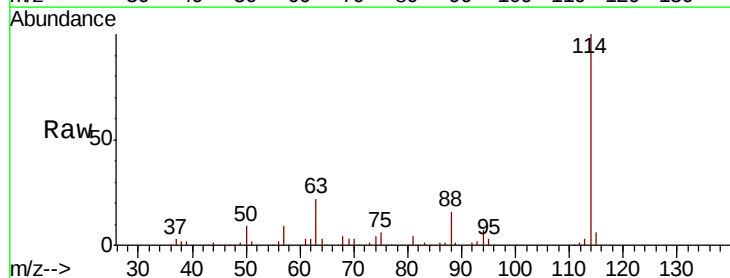
#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 4.36 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 31 Mar 2022 9:00

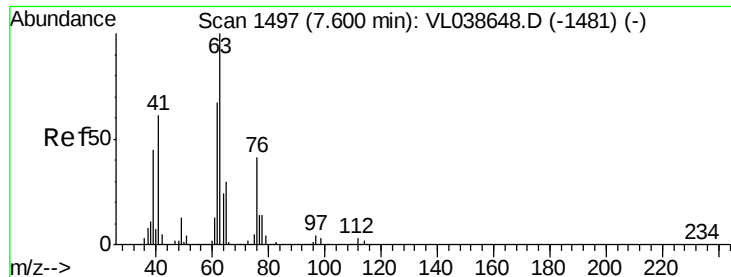
Tot Ion: 84 Resp: 2342
Ion Ratio Lower Upper
84 100
49 112.7 111.2 166.8
51 63.7 32.8 49.2#
86 32.0 51.4 77.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.02 min
Lab File: VL038808.D
Acq: 31 Mar 2022 9:06

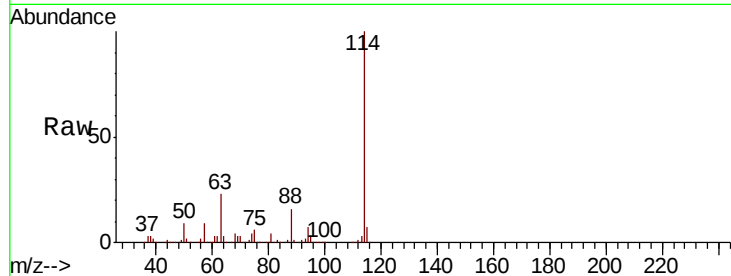
Tgt Ion: 114 Resp: 2257313
Ion Ratio Lower Upper
114 100
63 22.7 19.4 29.0
88 16.6 13.9 20.9





#39
 1,2-Dichloropropane
 Concen: 7.387 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 31 Mar 2022 9:00

Tot Ion	63	Resp	503105
Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.0	73.6#
62	15.2	53.9	80.9#

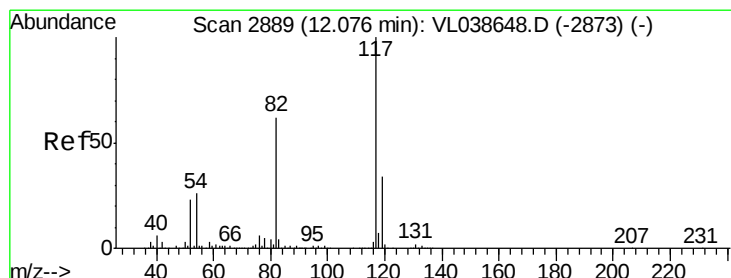
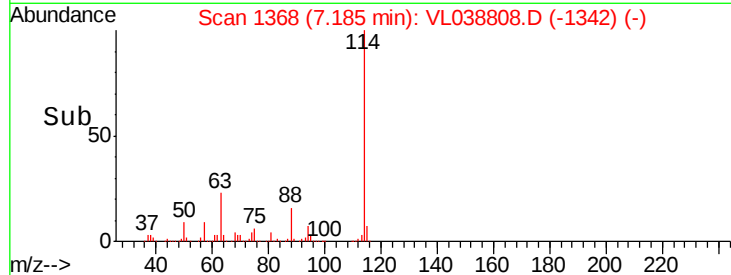
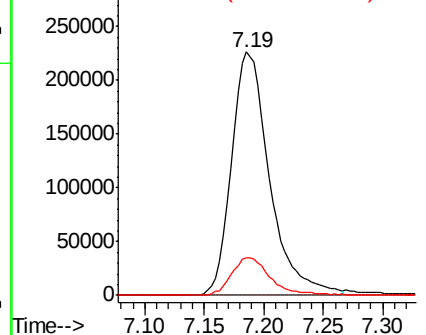


Abundance

Ion 63.10 (62.80 to 63.80): VL0

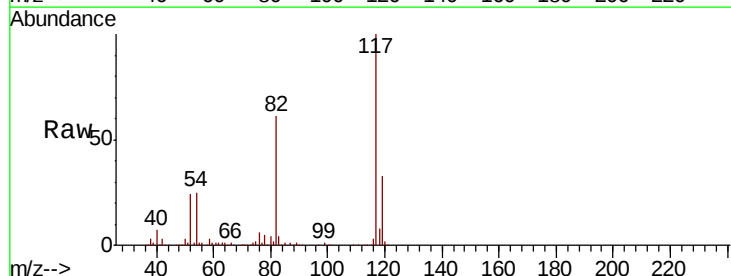
Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T.: 0.02 min
 Lab File: VL038808.D
 Acq: 31 Mar 2022 9:06

Tgt Ion	117	Resp	1909949
Ion	Ratio	Lower	Upper
117	100		
82	63.3	51.6	77.4
119	33.8	26.9	40.3

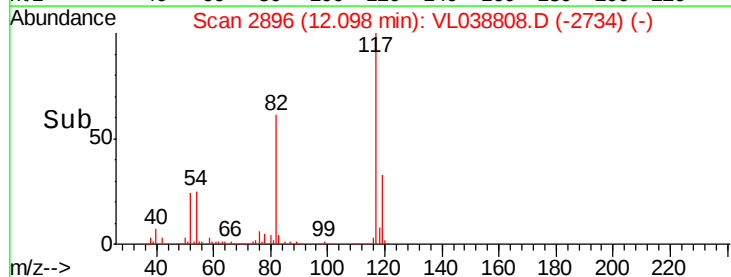
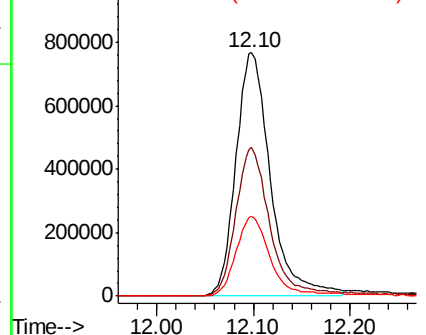


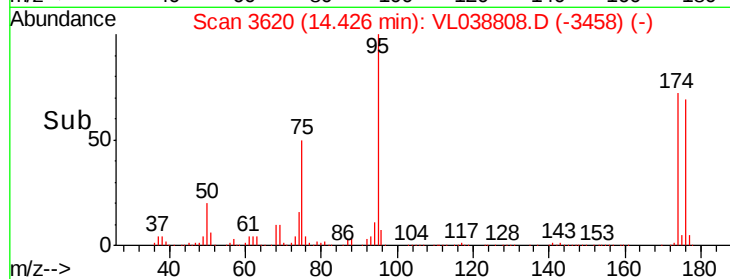
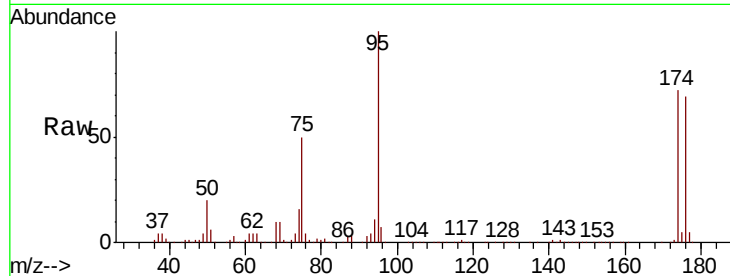
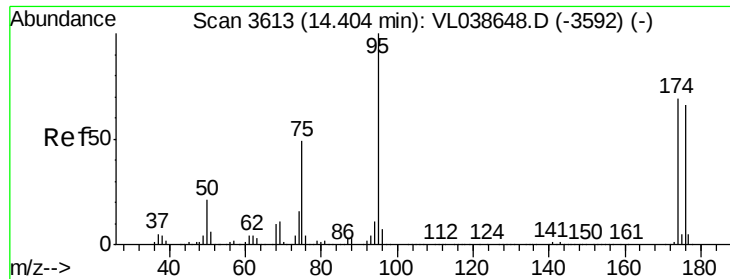
Abundance

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: 9.417 ppbv

RT: 14.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 9:00

Tot Ion: 95 Resp: 1378961

Ion Ratio Lower Upper

95 100

174 75.1 56.1 84.1

175 5.4 4.2 6.2

