

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021422\
 Data File : VL038357.D
 Acq On : 15 Feb 2022 1:51
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 15 08:18:02 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	5.64	49	675580	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2149281	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	1822458	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1426291	10.31	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

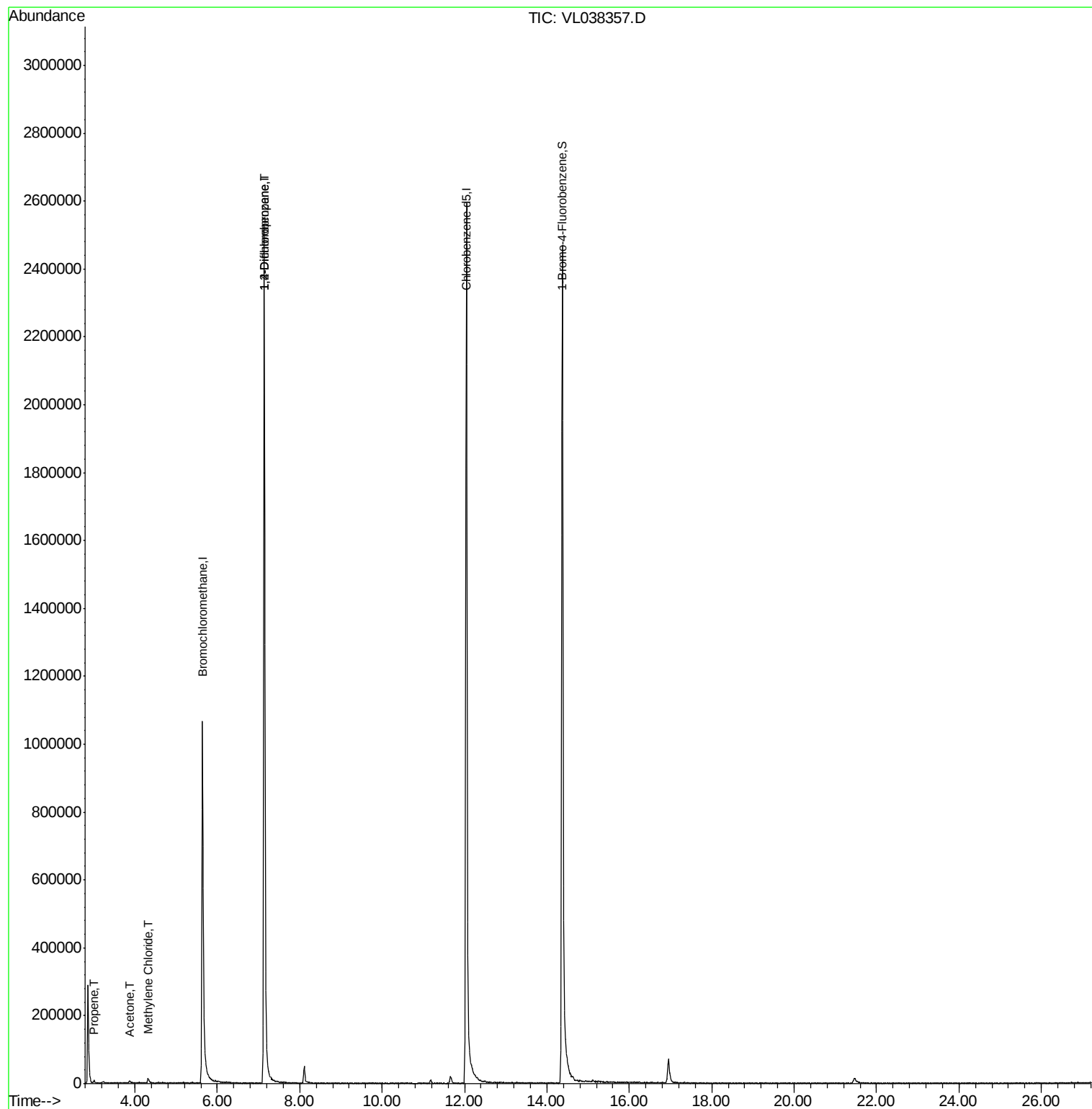
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	1593	0.04	ppbv #	11
15) Acetone	3.86	43	2276	0.04	ppbv #	48
20) Methylene Chloride	4.32	84	4528	0.13	ppbv #	73
39) 1,2-Dichloropropane	7.14	63	572116	7.42	ppbv #	25

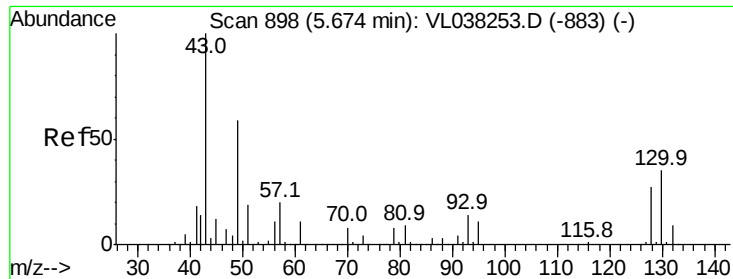
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Feb 2022 1:51

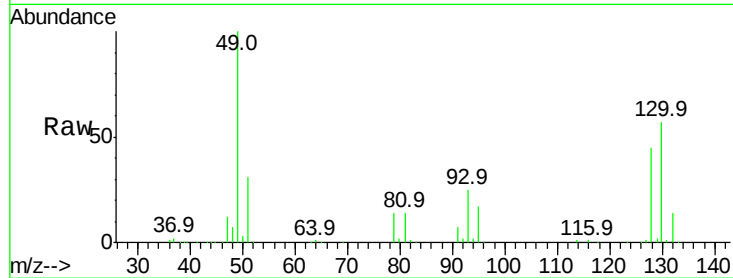
Tgt Ion: 49 Resp: 675580

Ion Ratio Lower Upper

49 100

128 48.6 24.5 73.5

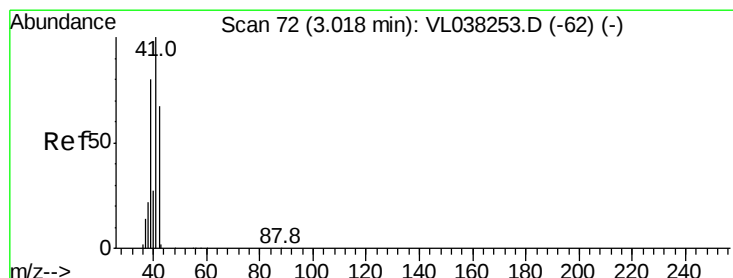
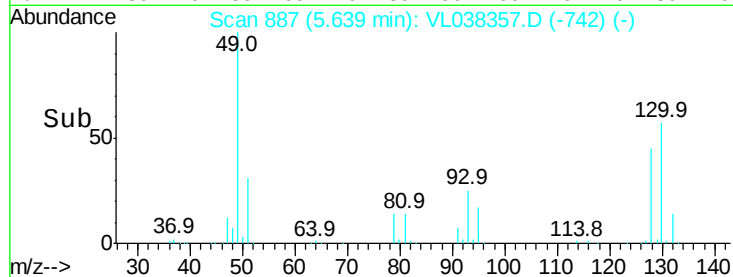
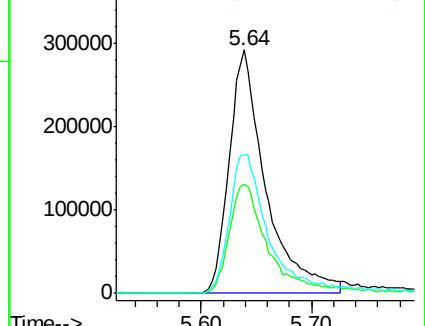
130 62.8 30.1 90.5



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



#9

Propene

Concen: 0.04 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL038357.D

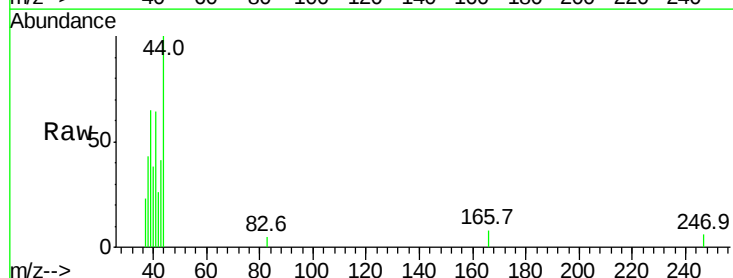
Acq: 15 Feb 2022 1:51

Tgt Ion: 41 Resp: 1593

Ion Ratio Lower Upper

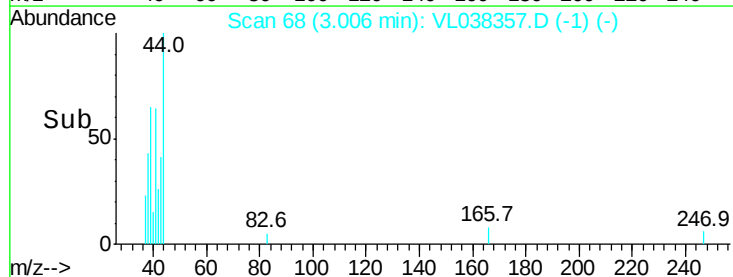
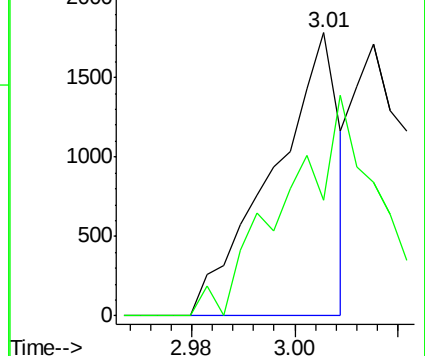
41 100

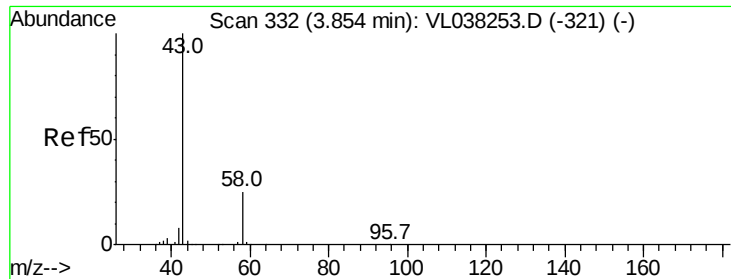
42 141.0 54.9 82.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.04 ppbv

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

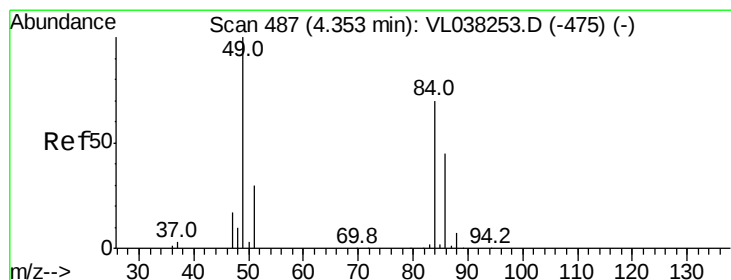
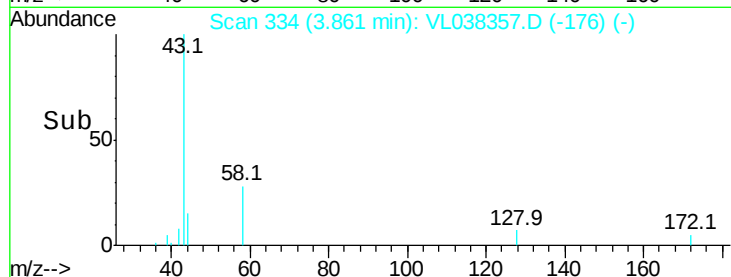
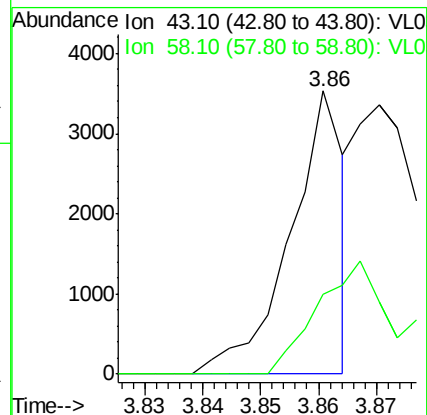
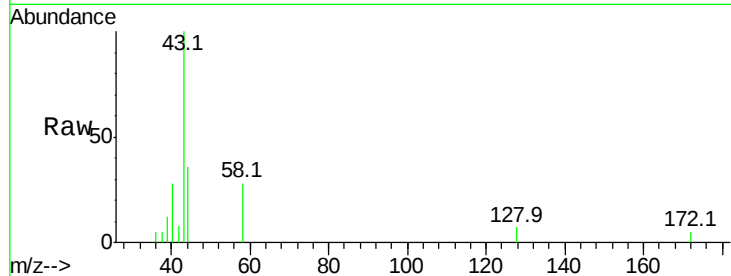
Acq: 15 Feb 2022 1:51

Tgt Ion: 43 Resp: 2276

Ion Ratio Lower Upper

43 100

58 0.0 21.5 32.3#



#20

Methylene Chloride

Concen: 0.13 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.03 min

Lab File: VL038357.D

Acq: 15 Feb 2022 1:51

Tgt Ion: 84 Resp: 4528

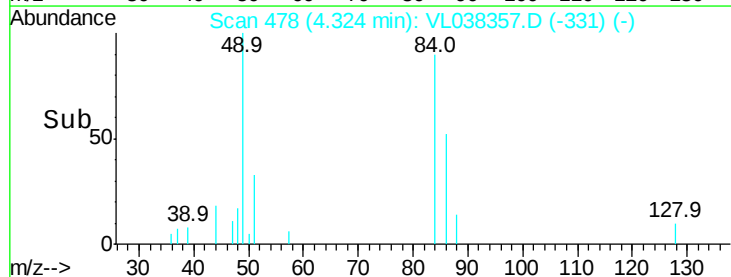
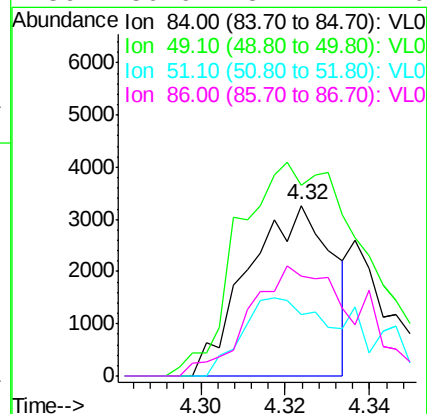
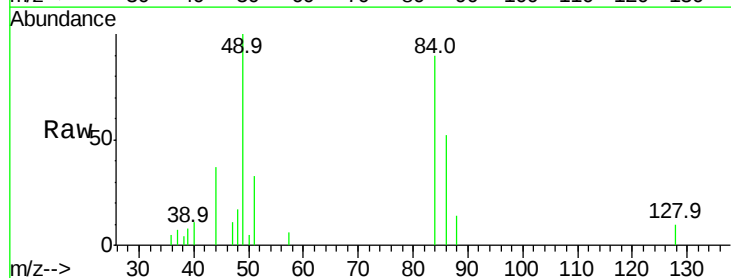
Ion Ratio Lower Upper

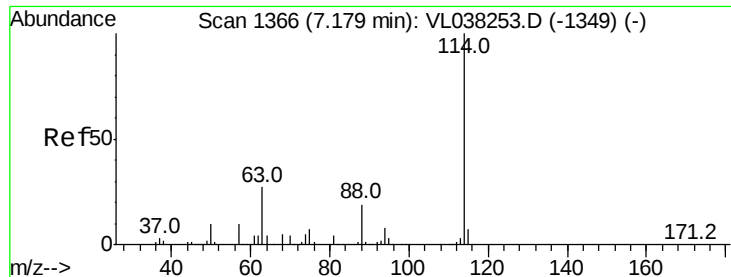
84 100

49 98.3 115.0 172.6#

51 36.3 35.0 52.6

86 50.9 51.4 77.0#

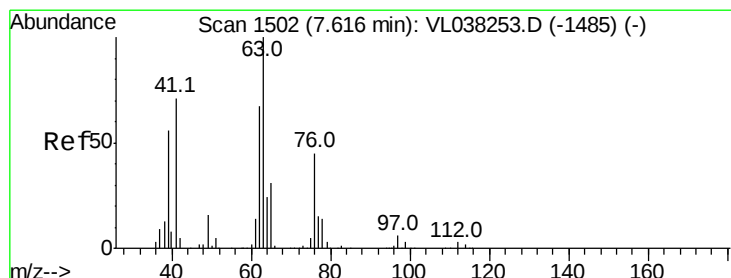
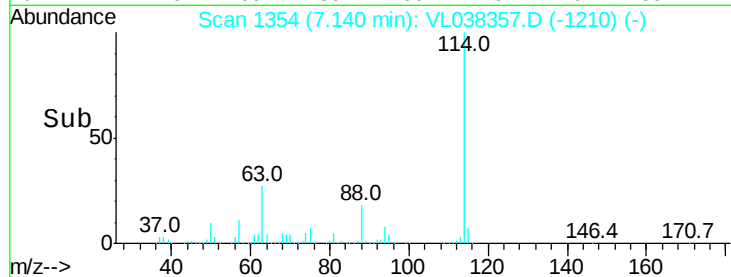
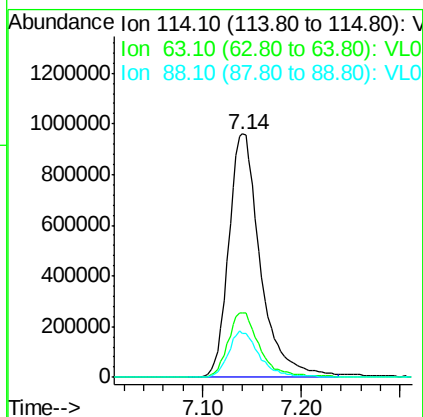
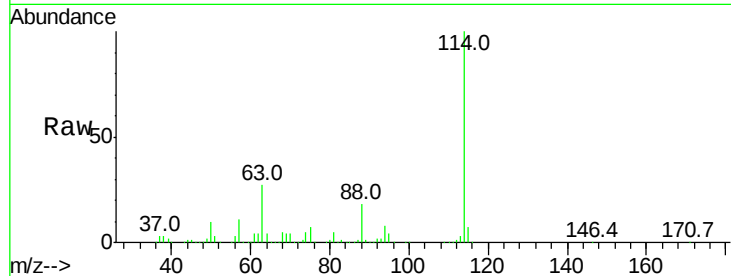




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Feb 2022 1:51

Tgt Ion: 114 Resp: 2149281

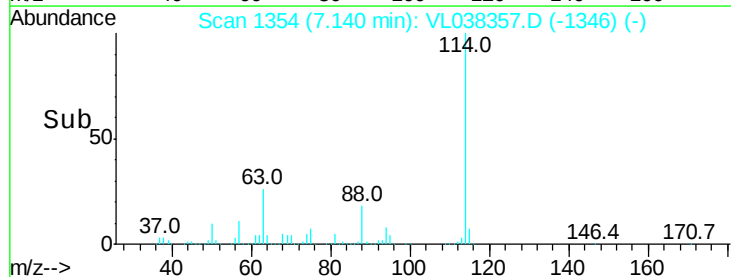
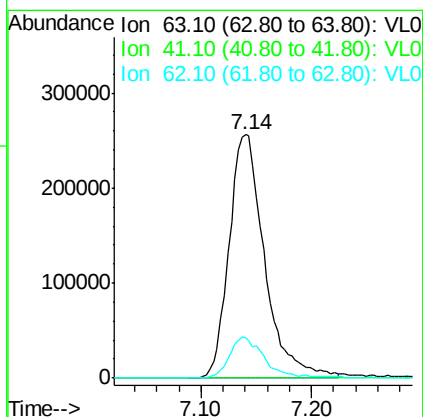
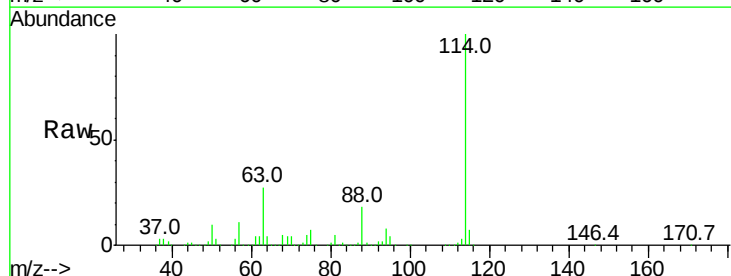
Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.0	33.0
88	18.7	15.0	22.6

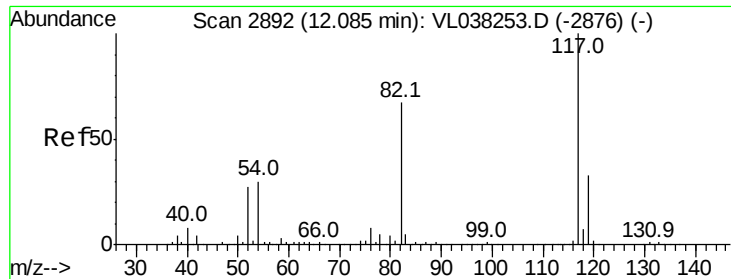


#39
 1,2-Dichloropropane
 Concen: 7.42 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.48 min
 Lab File: VL038357.D
 Acq: 15 Feb 2022 1:51

Tgt Ion: 63 Resp: 572116

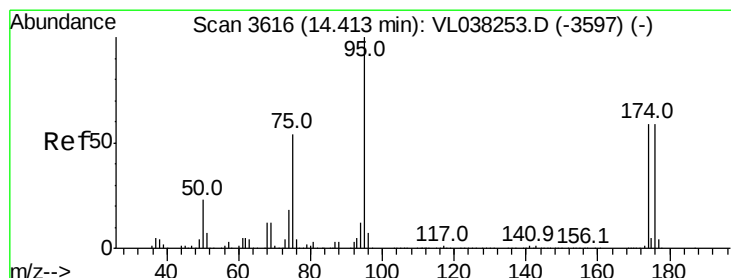
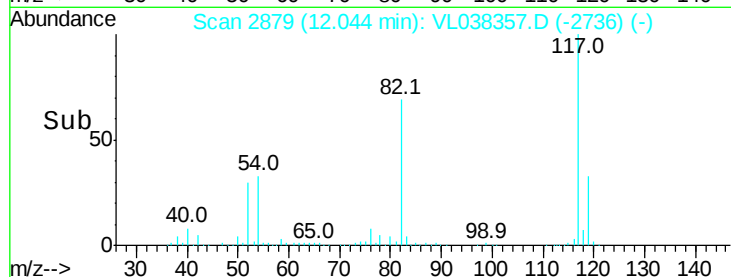
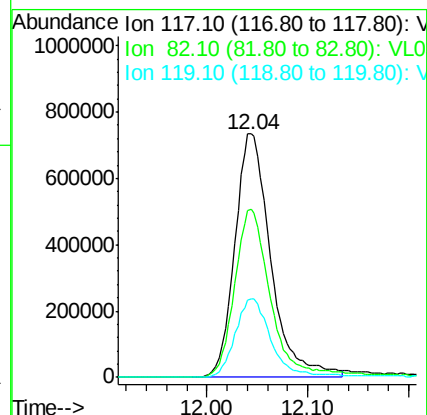
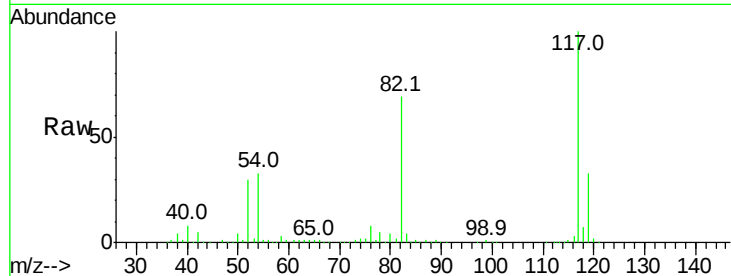
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.6	53.9	80.9#





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 15 Feb 2022 1:51

Tgt Ion: 117 Resp: 1822458
 Ion Ratio Lower Upper
 117 100
 82 71.2 54.4 81.6
 119 33.1 45.9 68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.31 ppbv
 RT: 14.37 min Scan# 3602
 Delta R.T.: -0.04 min
 Lab File: VL038357.D
 Acq: 15 Feb 2022 1:51

Tgt Ion: 95 Resp: 1426291
 Ion Ratio Lower Upper
 95 100
 174 60.9 48.3 72.5
 175 4.3 3.5 5.3

