

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038466.D
 Acq On : 2 Mar 2022 00:56
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 02 03:09:24 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	867869	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2173736	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1809498	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1439061	9.61	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

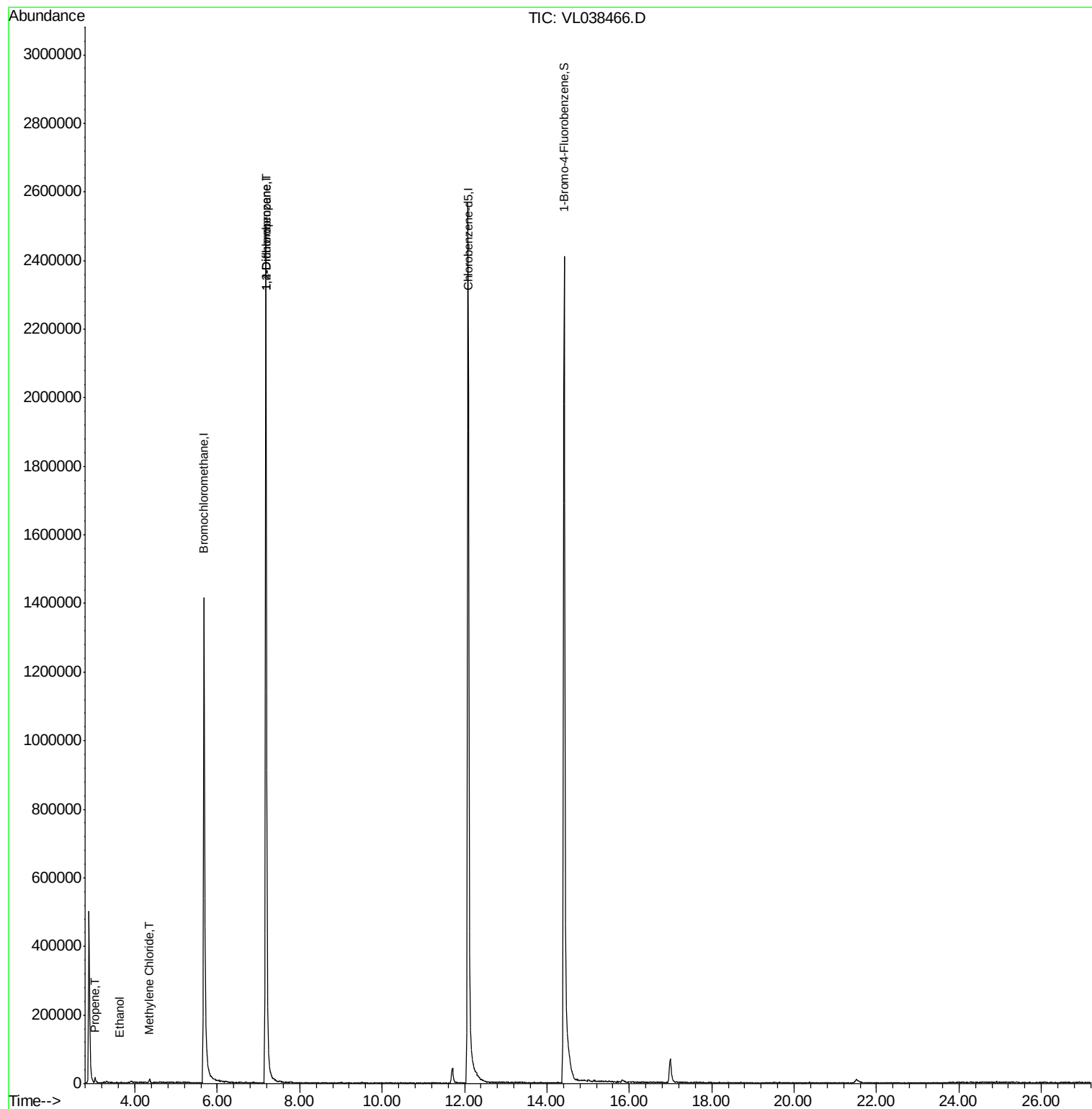
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	4619	0.09	ppbv	98
13) Ethanol	3.63	45	153	0.03	ppbv #	31
20) Methylene Chloride	4.35	84	1723	0.05	ppbv #	43
39) 1,2-Dichloropropane	7.18	63	565567	7.42	ppbv #	25

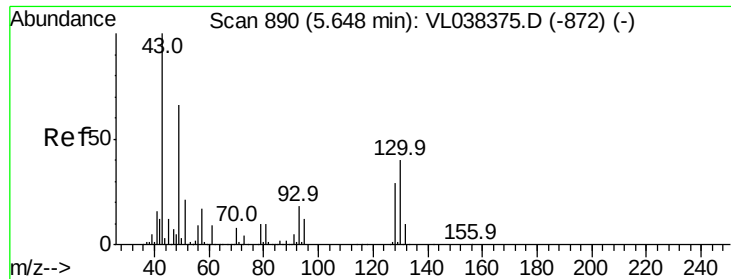
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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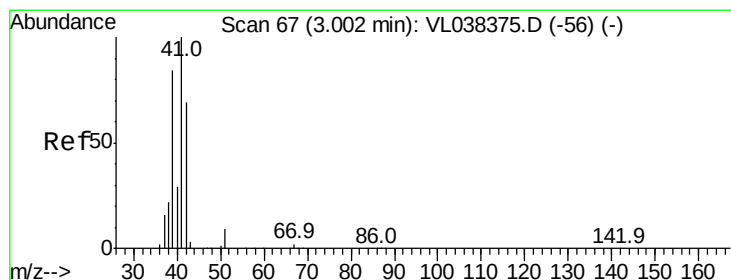
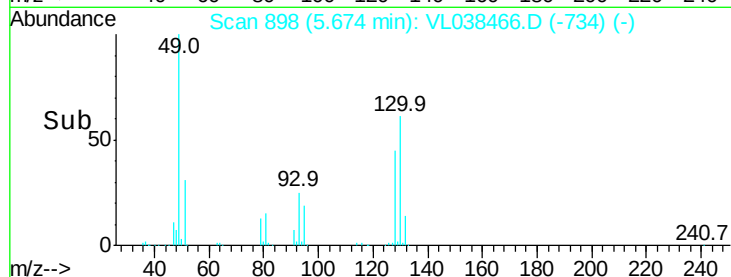
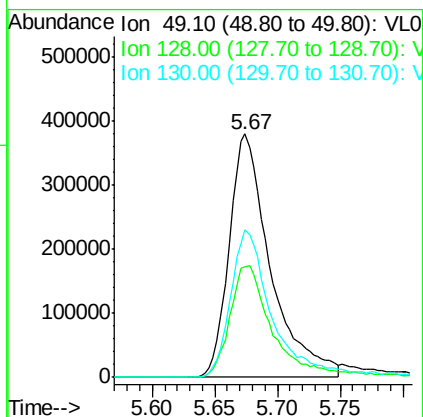
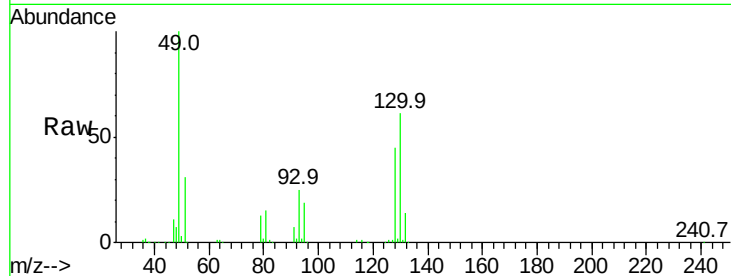
Quant Time: Mar 02 03:09:24 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
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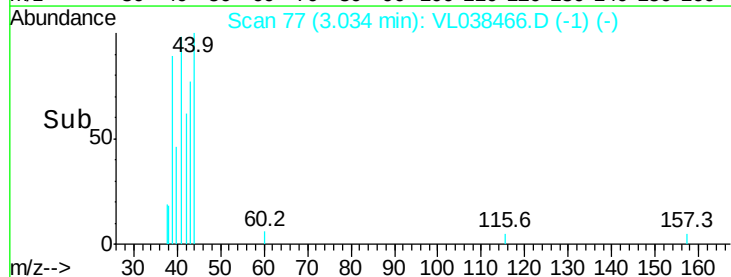
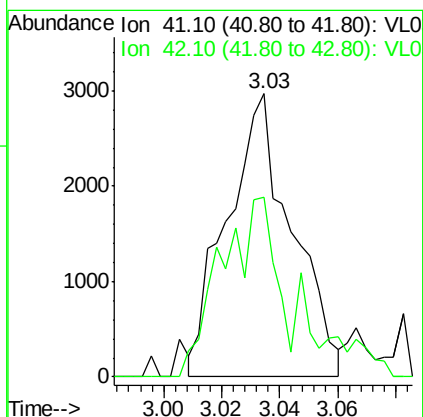
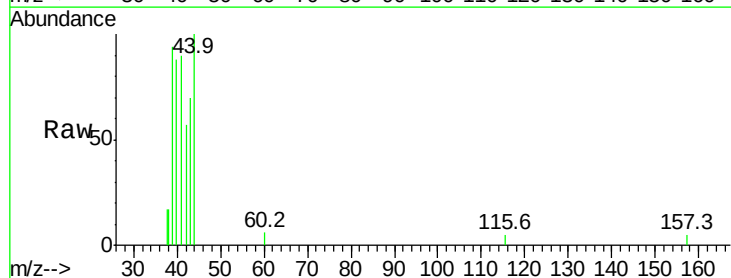
#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 00:56

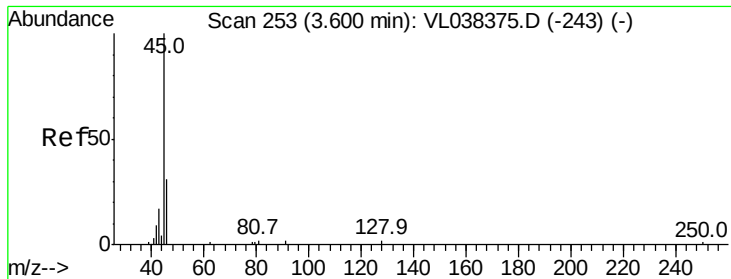
Tgt Ion: 49 Resp: 867869
 Ion Ratio Lower Upper
 49 100
 128 49.1 24.3 72.9
 130 63.3 30.1 90.5



#9
 Propene
 Concen: 0.09 ppbv
 RT: 3.03 min Scan# 77
 Delta R.T.: 0.03 min
 Lab File: VL038466.D
 Acq: 2 Mar 2022 00:56

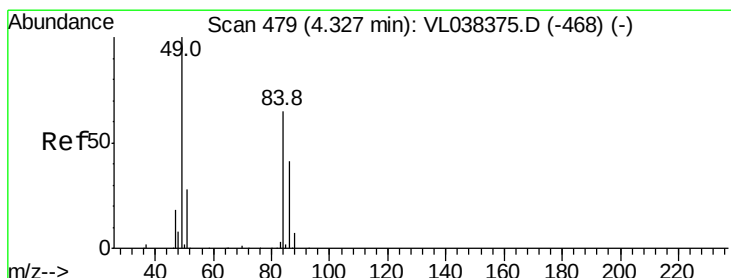
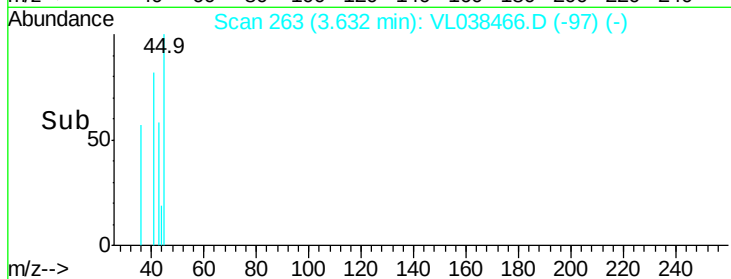
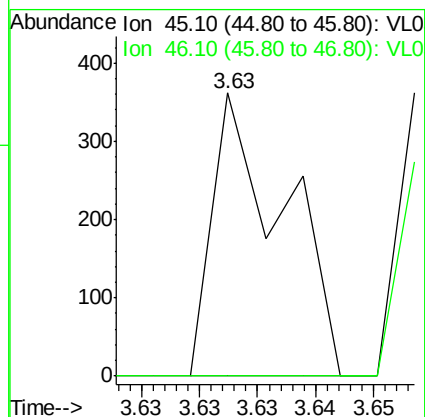
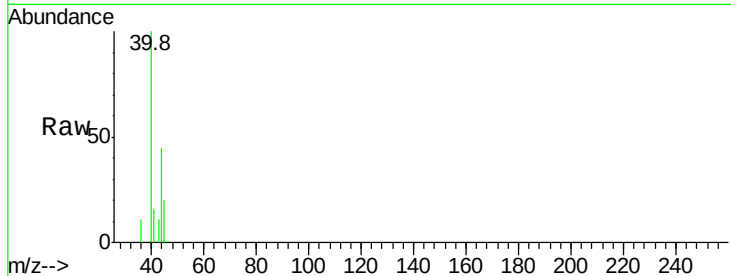
Tgt Ion: 41 Resp: 4619
 Ion Ratio Lower Upper
 41 100
 42 69.9 54.6 82.0





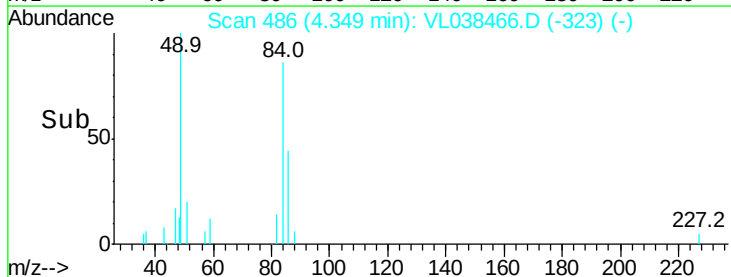
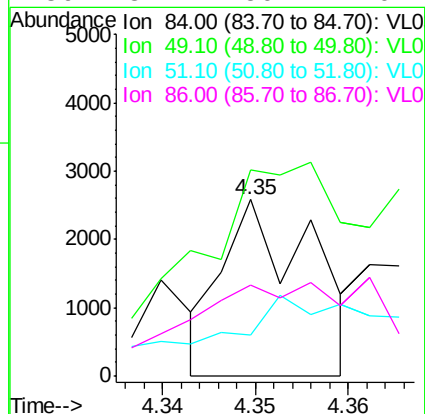
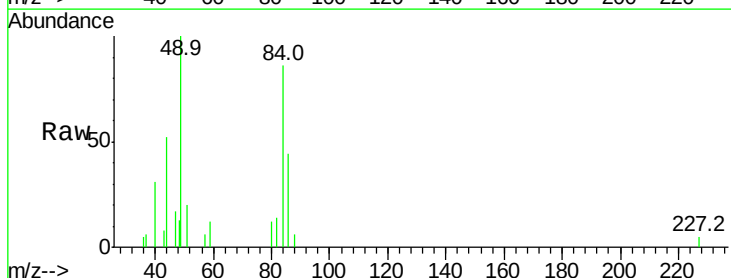
#13
Ethanol
Concen: 0.03 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 00:50

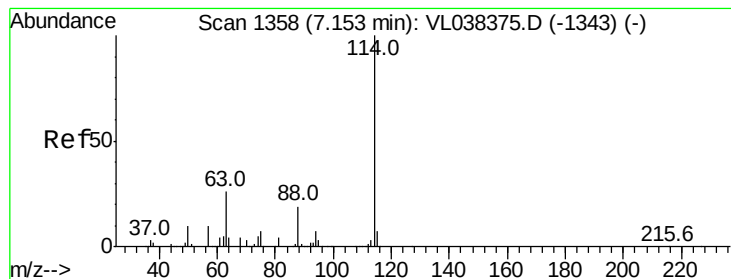
Tgt Ion: 45 Resp: 153
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8#



#20
Methylene Chloride
Concen: 0.05 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL038466.D
Acq: 2 Mar 2022 00:56

Tgt Ion: 84 Resp: 1723
Ion Ratio Lower Upper
84 100
49 70.5 122.4 183.6#
51 8.8 33.3 49.9#
86 31.4 50.7 76.1#





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 00:56

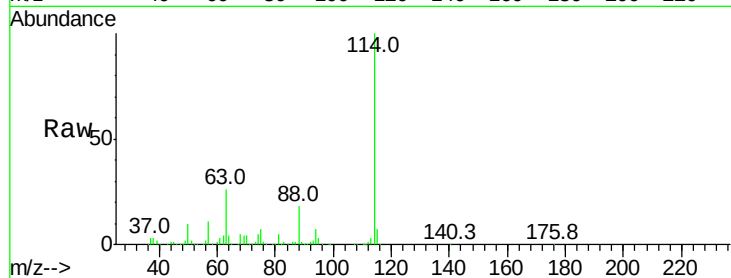
Tgt Ion: 114 Resp: 2173736

Ion Ratio Lower Upper

114 100

63 26.8 22.2 33.2

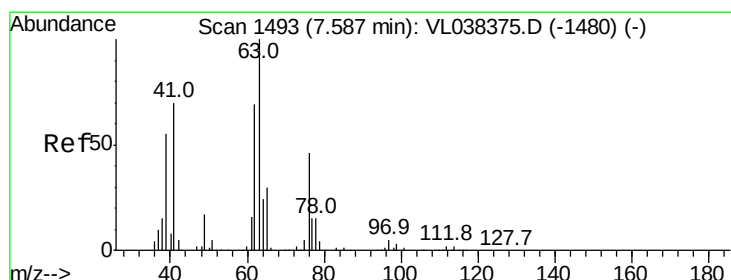
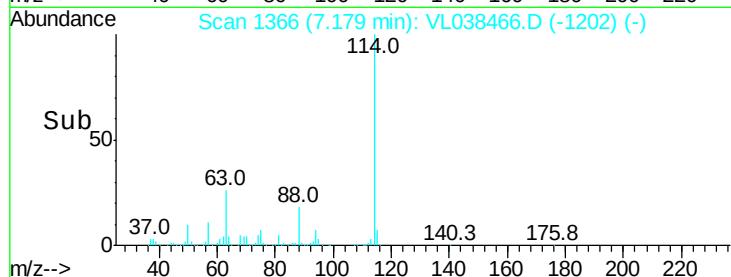
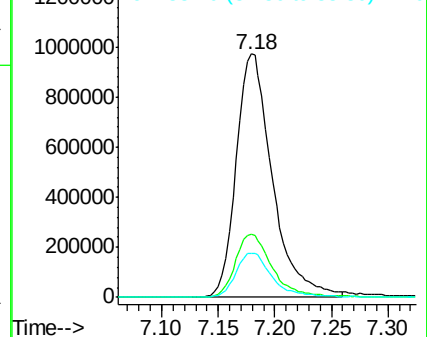
88 18.6 15.2 22.8



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 7.42 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.41 min

Lab File: VL038466.D

Acq: 2 Mar 2022 00:56

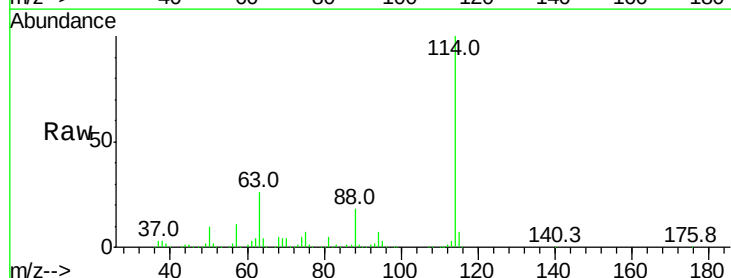
Tgt Ion: 63 Resp: 565567

Ion Ratio Lower Upper

63 100

41 0.0 56.1 84.1#

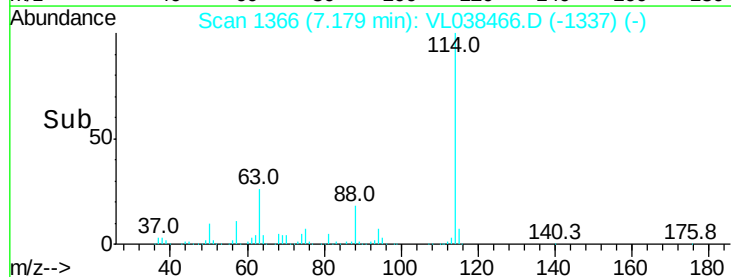
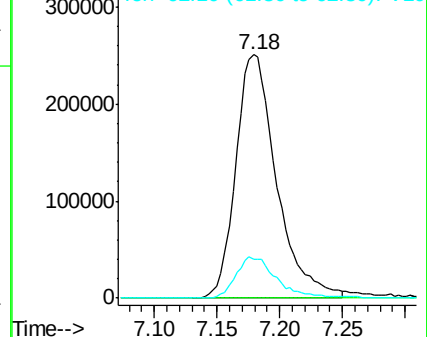
62 16.1 55.5 83.3#

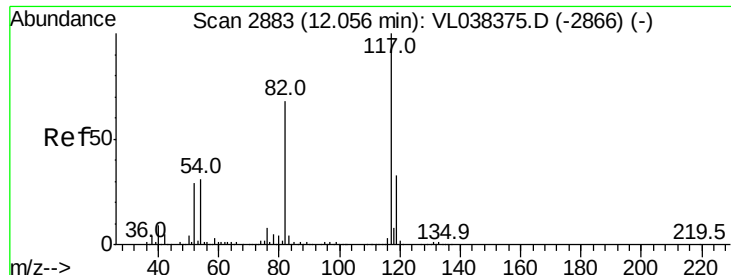


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

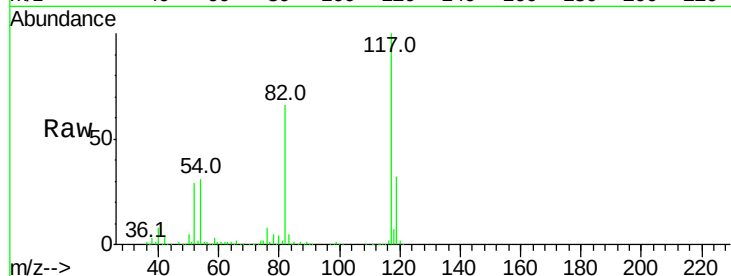
Ion 62.10 (61.80 to 62.80): VL0



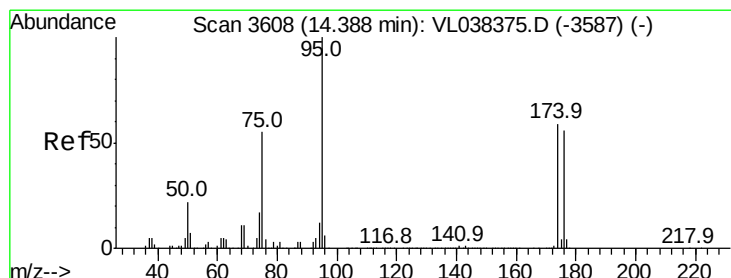
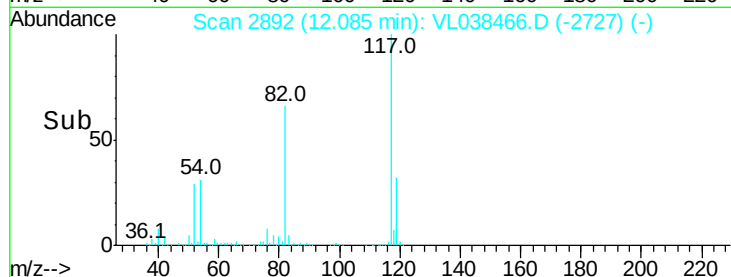
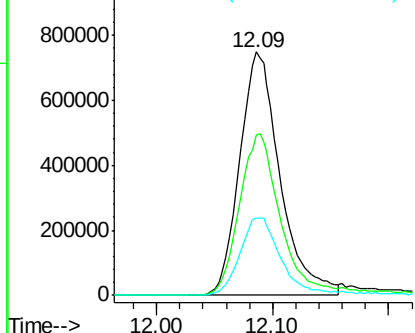


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 00:50

Tgt Ion: 117 Resp: 1809498
 Ion Ratio Lower Upper
 117 100
 82 71.0 54.9 82.3
 119 34.4 46.1 69.1#

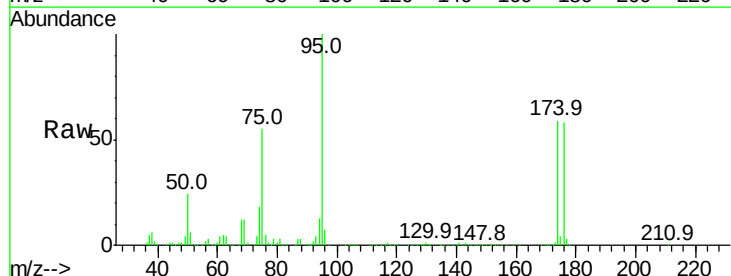


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.61 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.03 min
 Lab File: VL038466.D
 Acq: 2 Mar 2022 00:56

Tgt Ion: 95 Resp: 1439061
 Ion Ratio Lower Upper
 95 100
 174 60.6 49.0 73.4
 175 4.4 3.6 5.4



Abundance Ion 95.10 (94.80 to 95.80): V
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

