

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038463.D
 Acq On : 1 Mar 2022 22:59
 Operator : SY/AP
 Sample : CAN 10716
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10716

Quant Time: Mar 02 03:08:05 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	834108	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	1825833	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1603279	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	558006	4.21	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	42.10%#

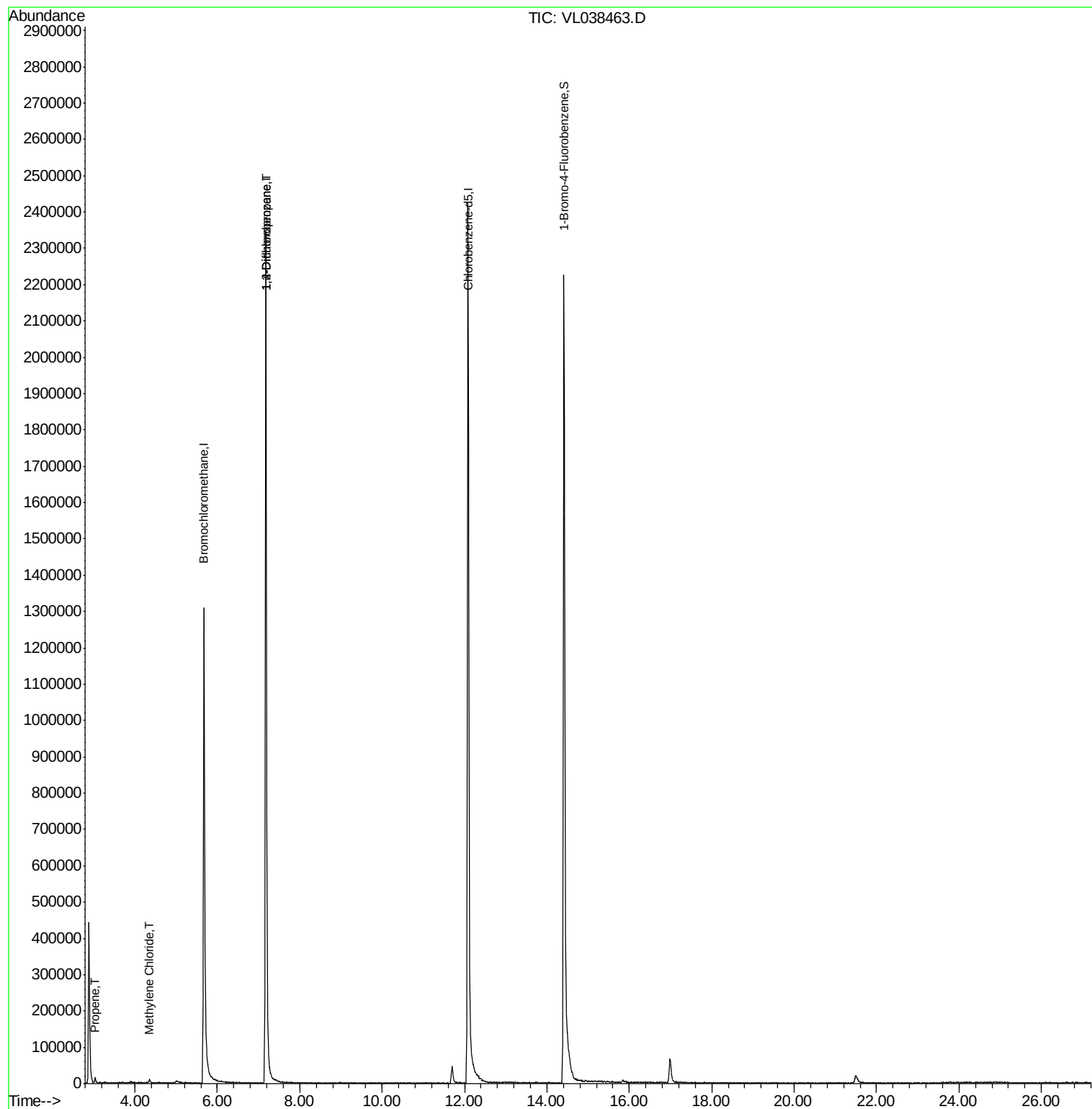
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	4056	0.08	ppbv	97
20) Methylene Chloride	4.35	84	1316	0.04	ppbv #	26
39) 1,2-Dichloropropane	7.18	63	527461	8.24	ppbv #	24

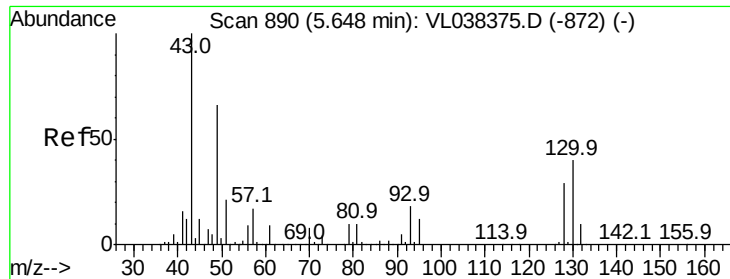
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 22:59

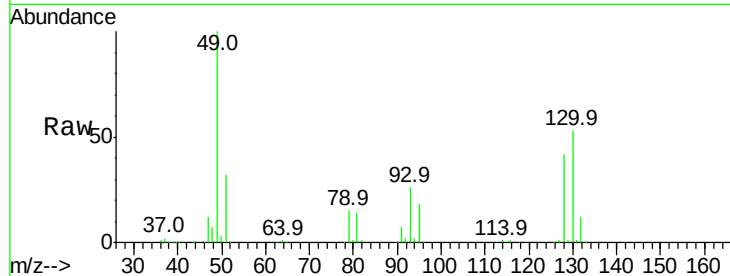
Tgt Ion: 49 Resp: 834108

Ion Ratio Lower Upper

49 100

128 44.3 24.3 72.9

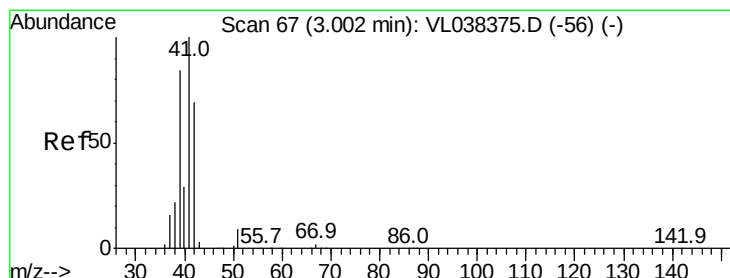
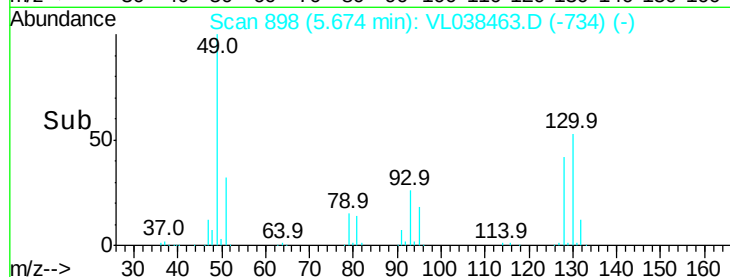
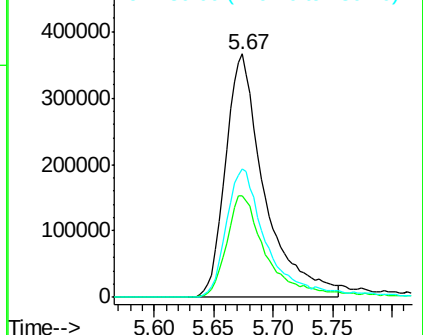
130 56.5 30.1 90.5



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: 0.08 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL038463.D

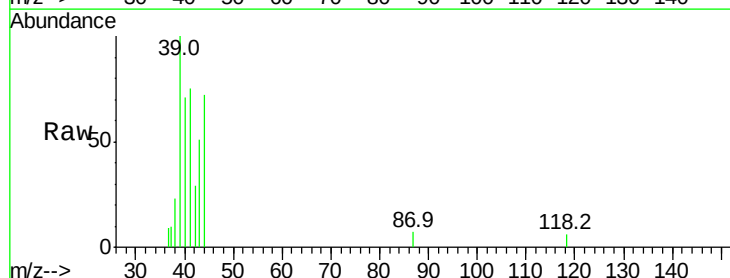
Acq: 1 Mar 2022 22:59

Tgt Ion: 41 Resp: 4056

Ion Ratio Lower Upper

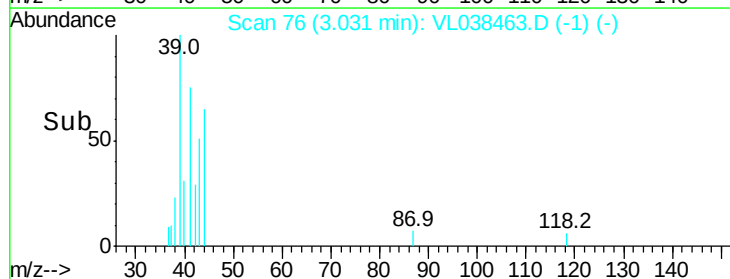
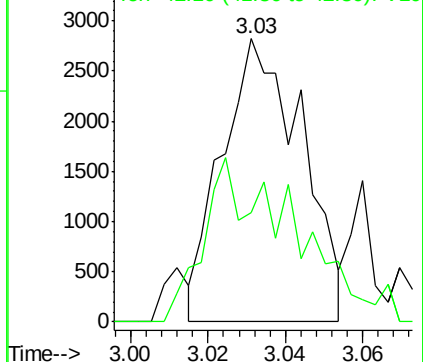
41 100

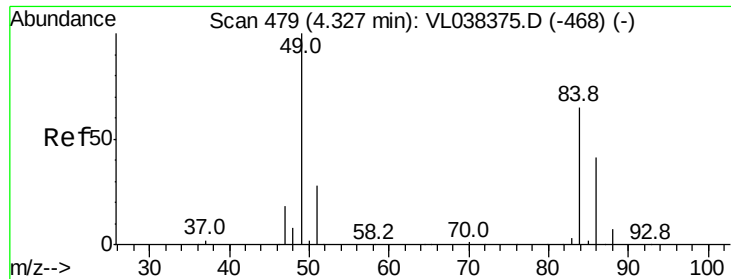
42 65.7 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

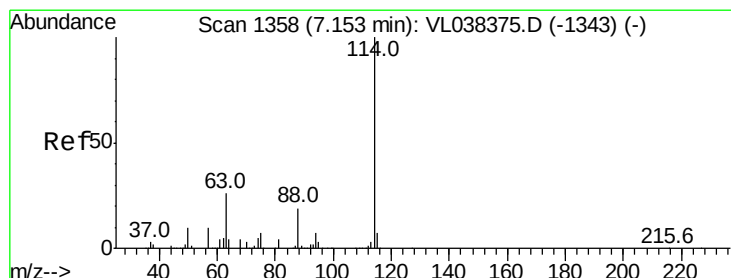
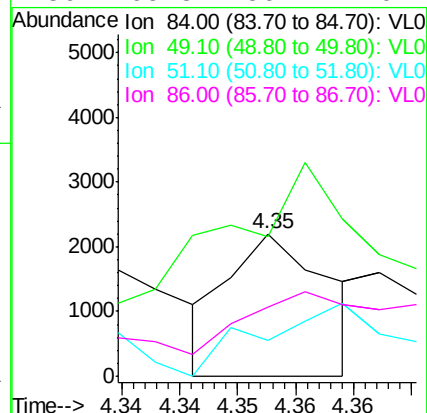
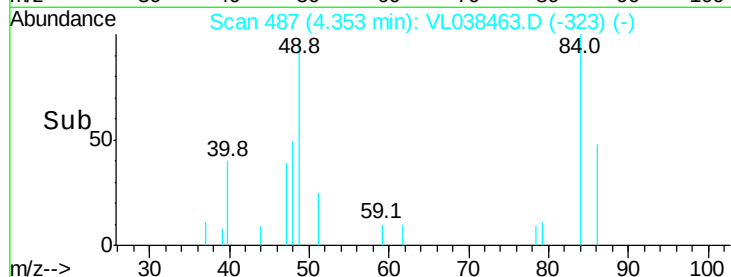
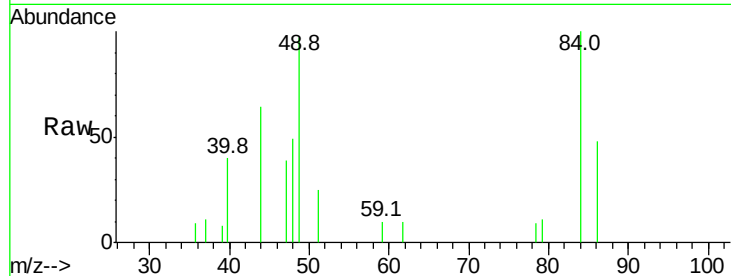
Ion 42.10 (41.80 to 42.80): VL0





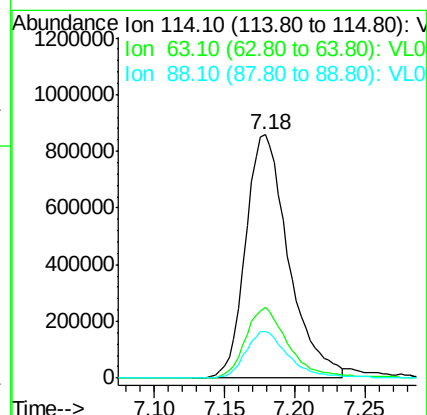
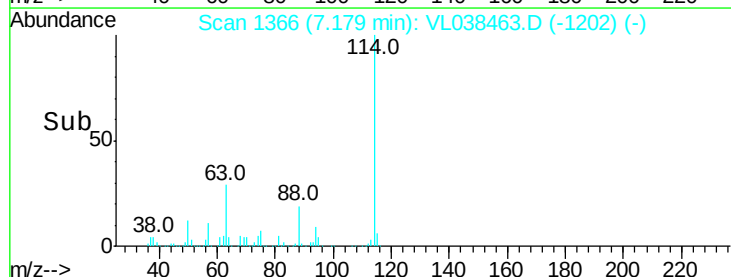
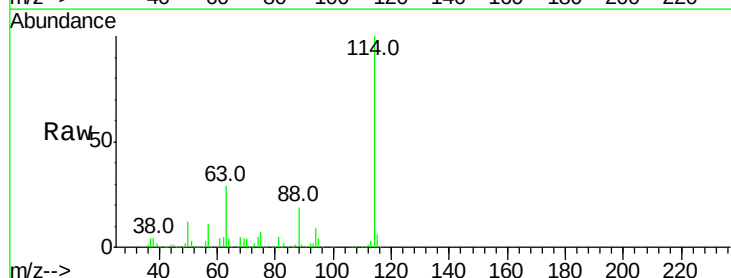
#20
Methylene Chloride
Concen: 0.04 ppbv
RT: 4.35 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 1 Mar 2022 22:59

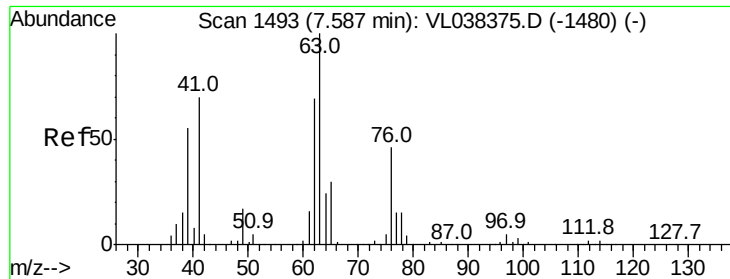
Tgt Ion:	84	Resp:	1316
Ion	Ratio	Lower	Upper
84	100		
49	0.0	122.4	183.6#
51	50.4	33.3	49.9#
86	65.8	50.7	76.1



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.03 min
Lab File: VL038463.D
Acq: 1 Mar 2022 22:59

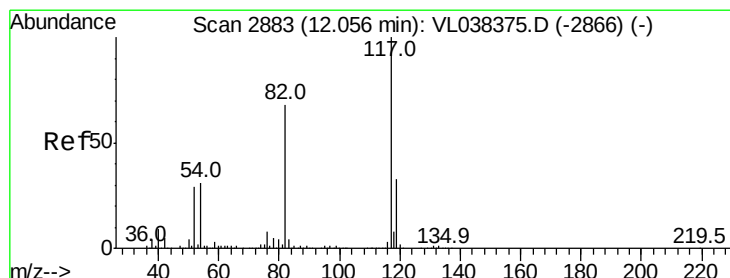
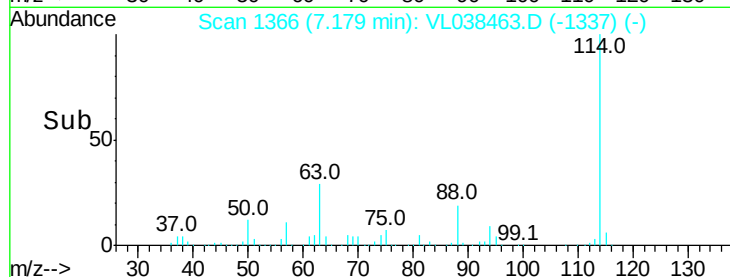
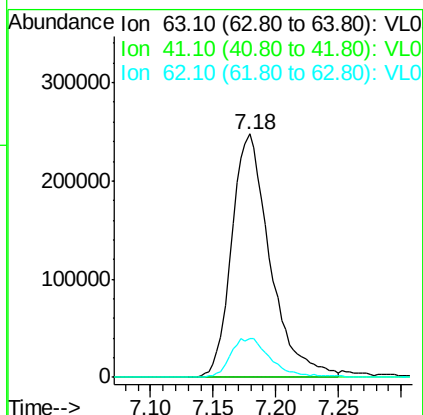
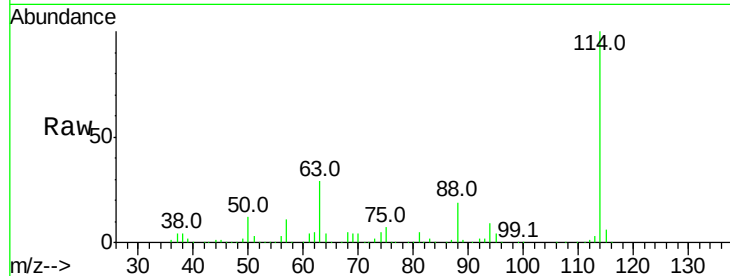
Tgt Ion:	114	Resp:	1825833
Ion	Ratio	Lower	Upper
114	100		
63	29.8	22.2	33.2
88	19.7	15.2	22.8





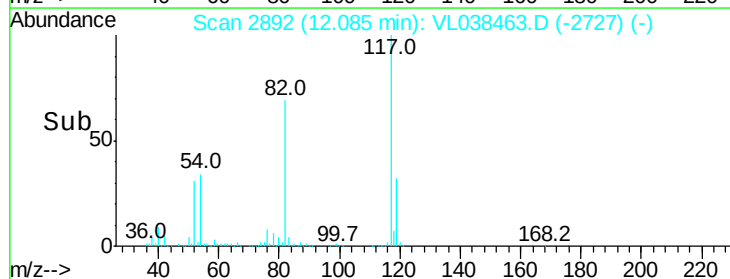
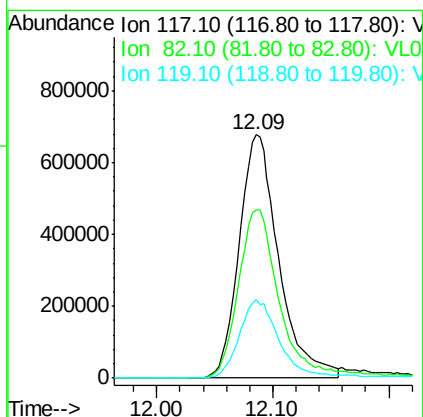
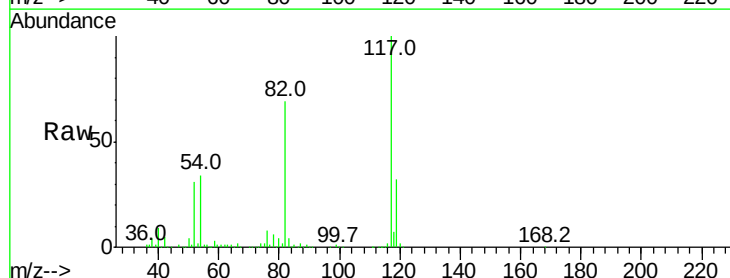
#39
 1,2-Dichloropropane
 Concen: 8.24 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Mar 2022 22:59

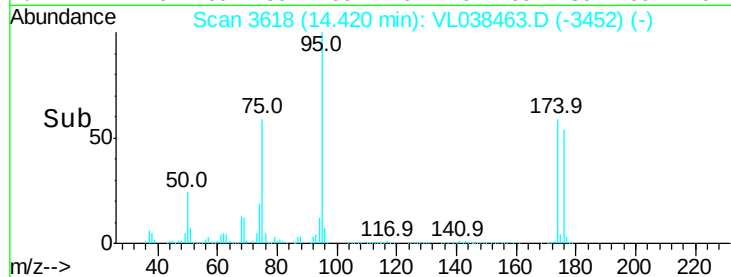
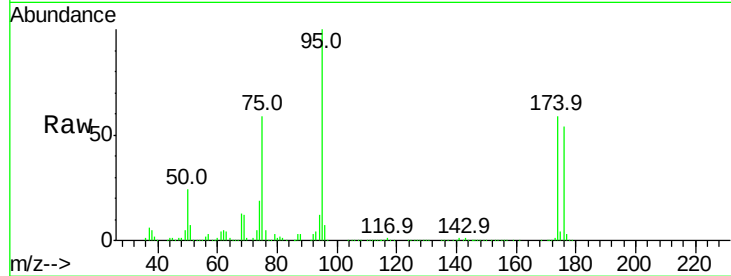
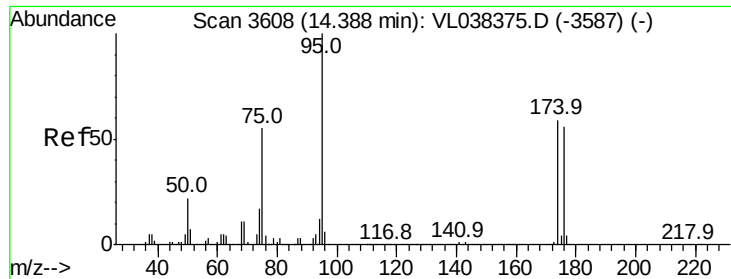
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	15.8	55.5	83.3#



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. 0.03 min
 Lab File: VL038463.D
 Acq: 1 Mar 2022 22:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.9	54.9	82.3
119	34.4	46.1	69.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 4.21 ppbv

RT: 14.42

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Mar 2022 22:59

Tgt Ion: 95 Resp: 558006

Ion Ratio Lower Upper

95 100

174 137.6 49.0 73.4#

175 9.7 3.6 5.4#

