

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038416.D
Acq On : 23 Feb 2022 20:22
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 24 07:30:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	5.65	49	859253	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2408235	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2065607	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1516054	8.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.70%

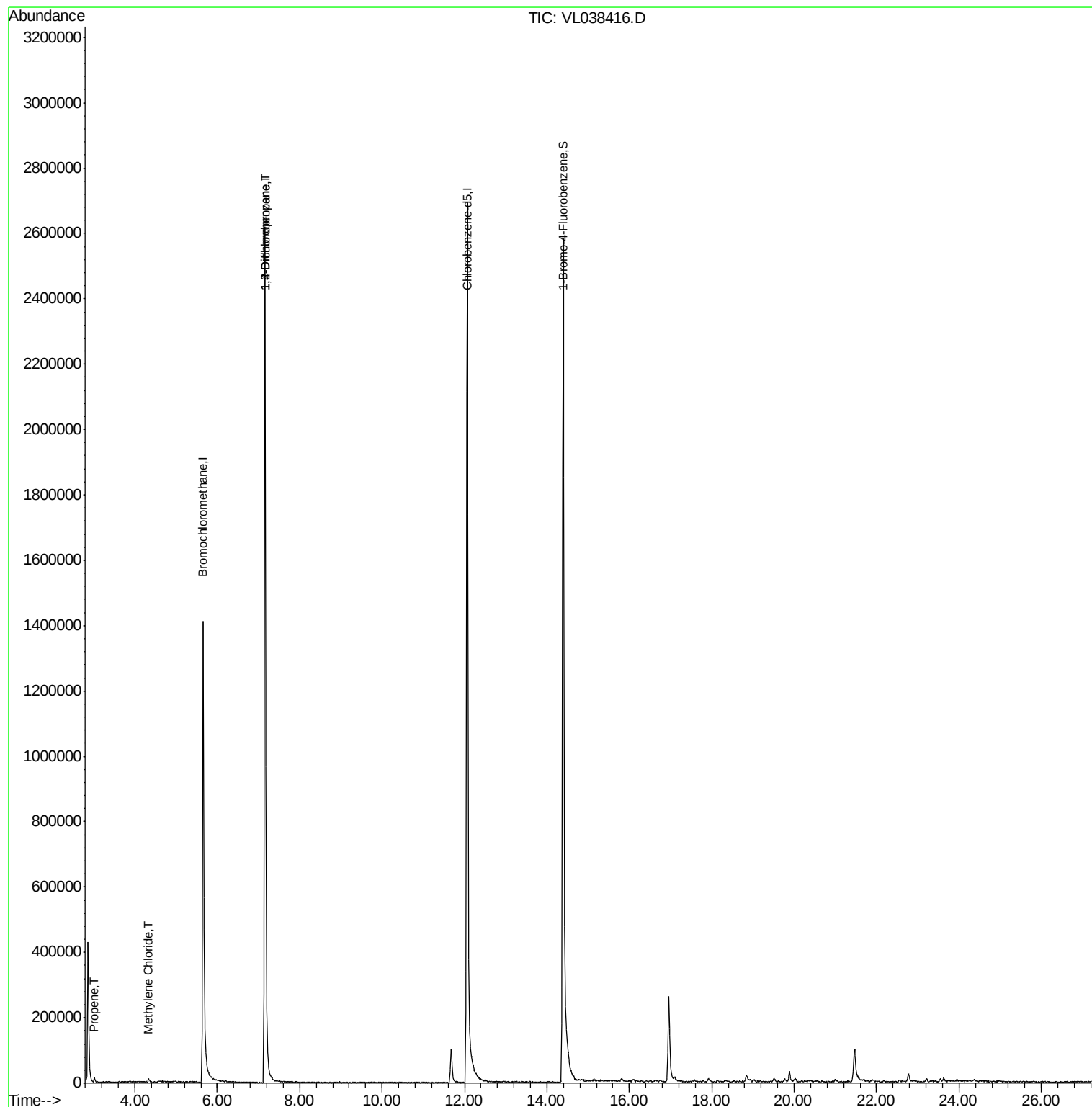
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	2161	0.04	ppbv #	16
20) Methylene Chloride	4.33	84	1968	0.05	ppbv #	56
39) 1,2-Dichloropropane	7.16	63	568715	6.73	ppbv #	25

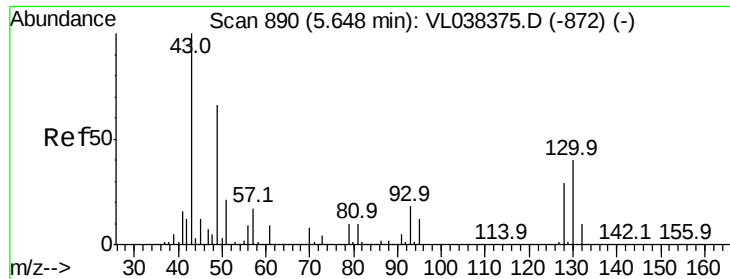
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 20:22

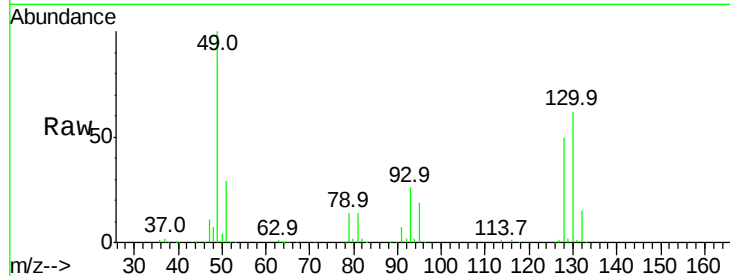
Tgt Ion: 49 Resp: 859253

Ion Ratio Lower Upper

49 100

128 51.4 24.3 72.9

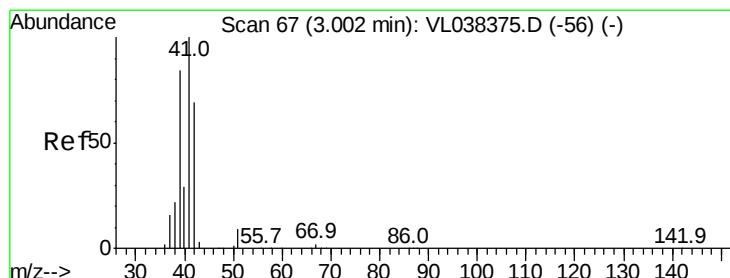
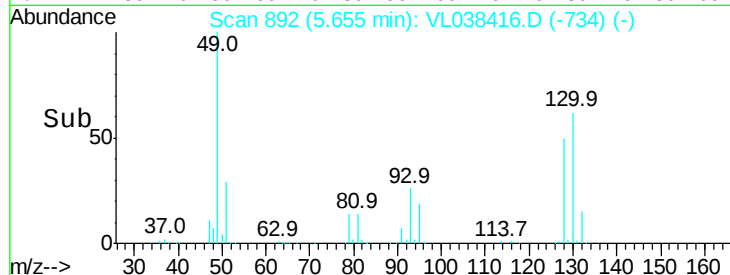
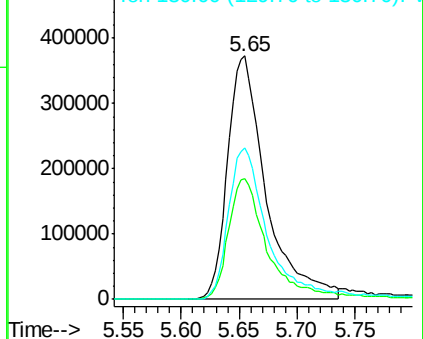
130 66.6 30.1 90.5



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# 70

Delta R.T. 0.01 min

Lab File: VL038416.D

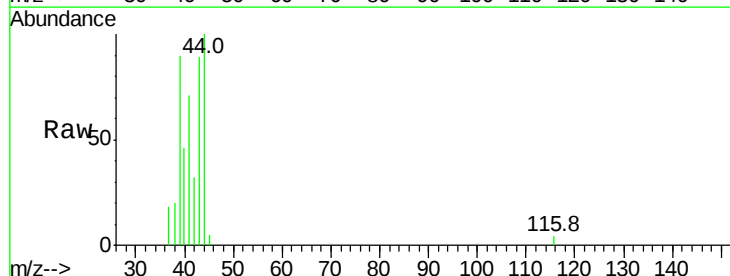
Acq: 23 Feb 2022 20:22

Tgt Ion: 41 Resp: 2161

Ion Ratio Lower Upper

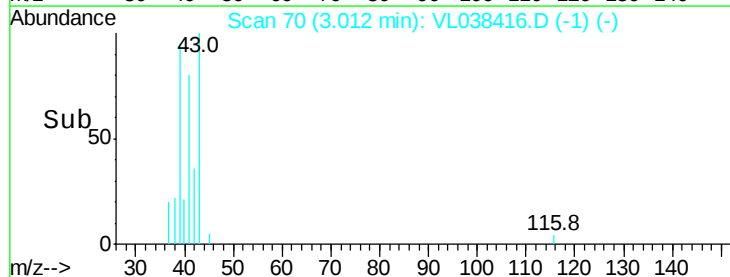
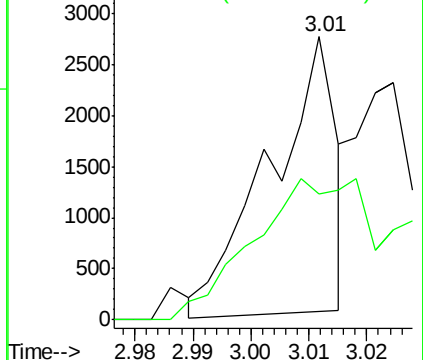
41 100

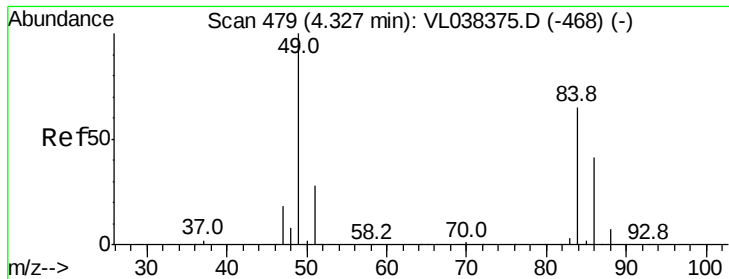
42 0.0 54.6 82.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0

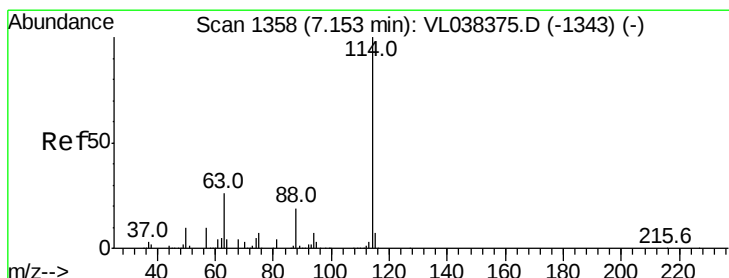
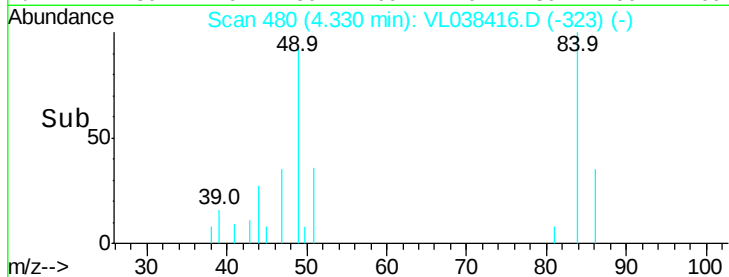
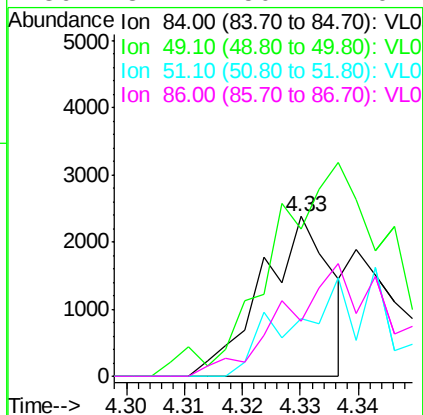
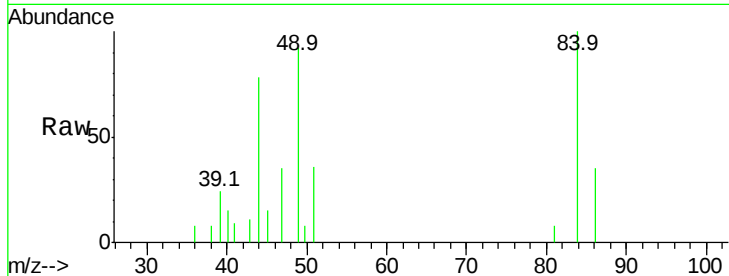
Ion 42.10 (41.80 to 42.80): VL0





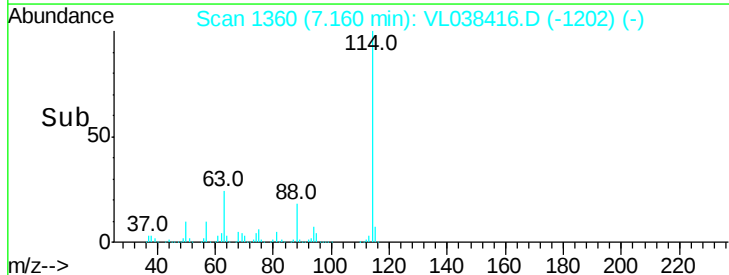
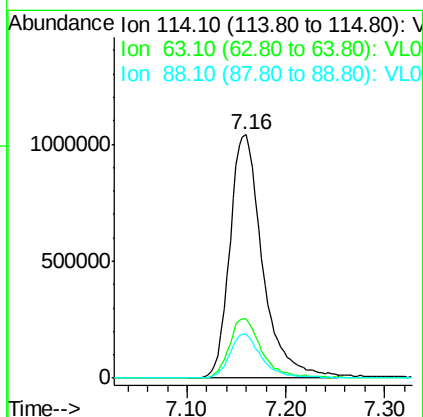
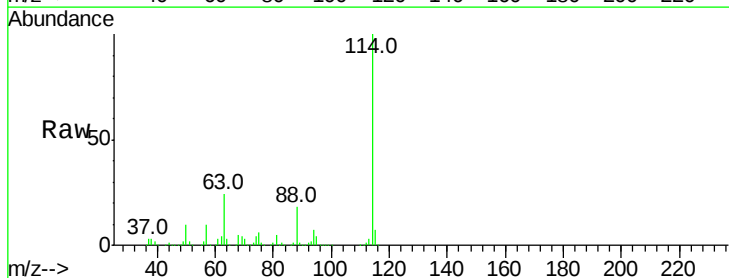
#20
Methylene Chloride
Concen: 0.05 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 20:22

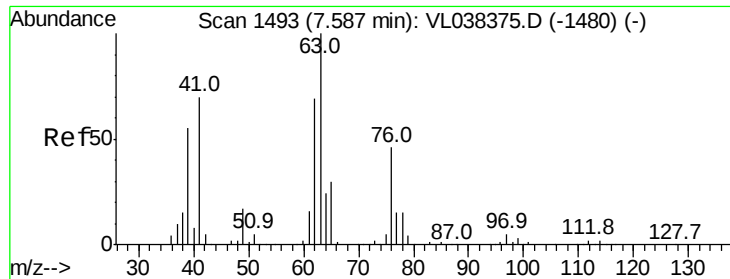
Tgt Ion:	84	Resp:	1968
Ion	Ratio	Lower	Upper
84	100		
49	81.3	122.4	183.6#
51	36.2	33.3	49.9
86	34.7	50.7	76.1#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VL038416.D
Acq: 23 Feb 2022 20:22

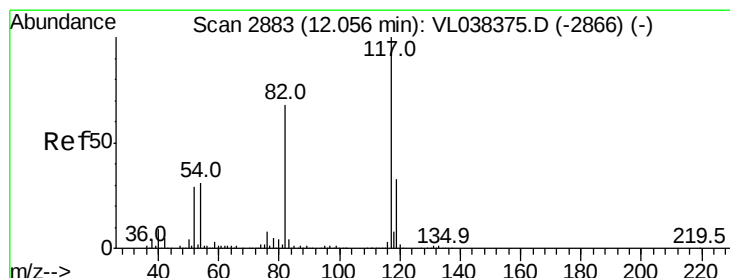
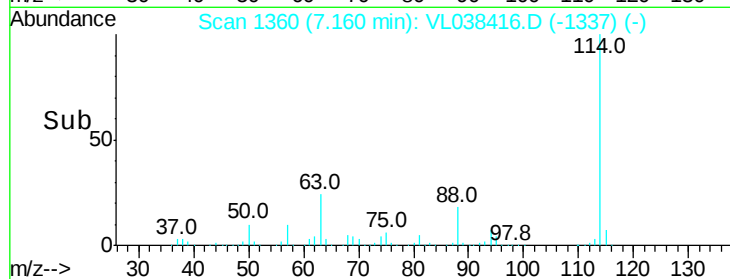
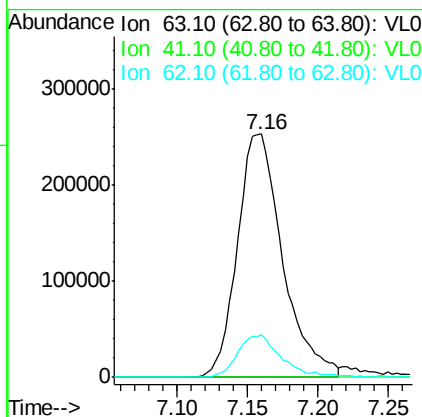
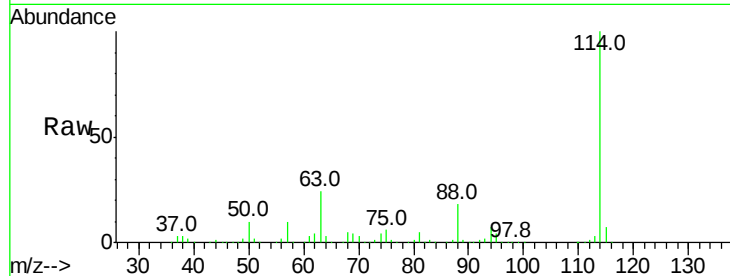
Tgt Ion:	114	Resp:	2408235
Ion	Ratio	Lower	Upper
114	100		
63	24.8	22.2	33.2
88	18.0	15.2	22.8





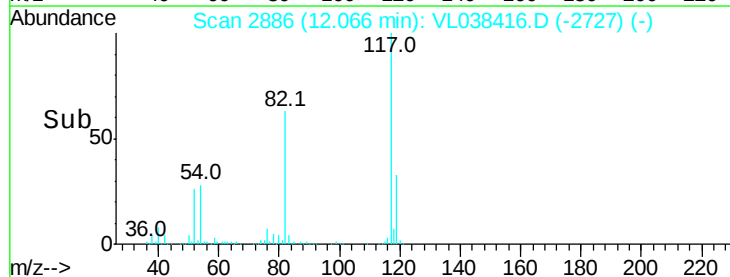
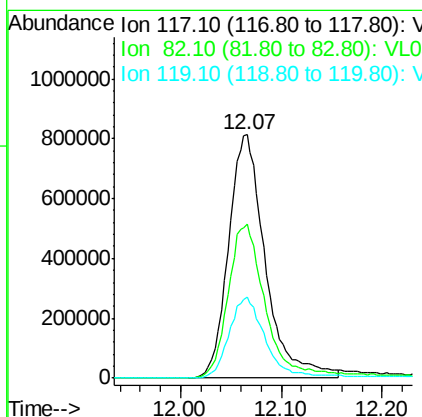
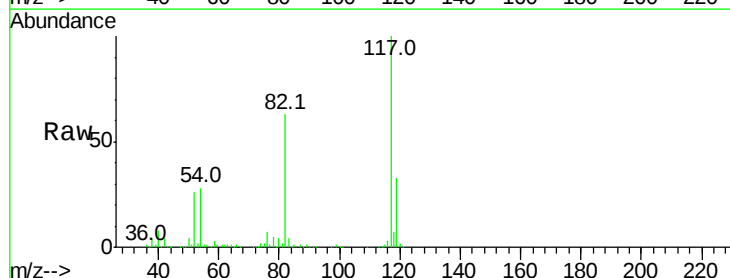
#39
 1,2-Dichloropropane
 Concen: 6.73 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 20:22

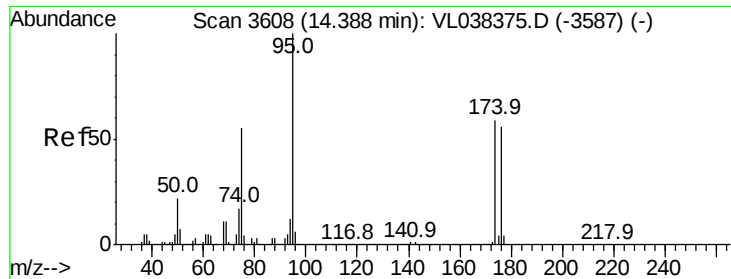
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	17.4	55.5	83.3#



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min Scan# 2886
 Delta R.T. 0.01 min
 Lab File: VL038416.D
 Acq: 23 Feb 2022 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.1	54.9	82.3
119	34.3	46.1	69.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.87 ppbv

RT: 14.39 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VIBLK

Acq: 23 Feb 2022 20.22

Tgt Ion: 95 Resp: 1516054

Ion Ratio Lower Upper

95 100

174 67.0 49.0 73.4

175 5.1 3.6 5.4

