

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
 Data File : VL037846.D
 Acq On : 13 Oct 2021 1:45
 Operator : SY/AP
 Sample : M4143-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOORDL

Quant Time: Oct 14 01:07:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1223844	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3702392	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3115546	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2125986	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

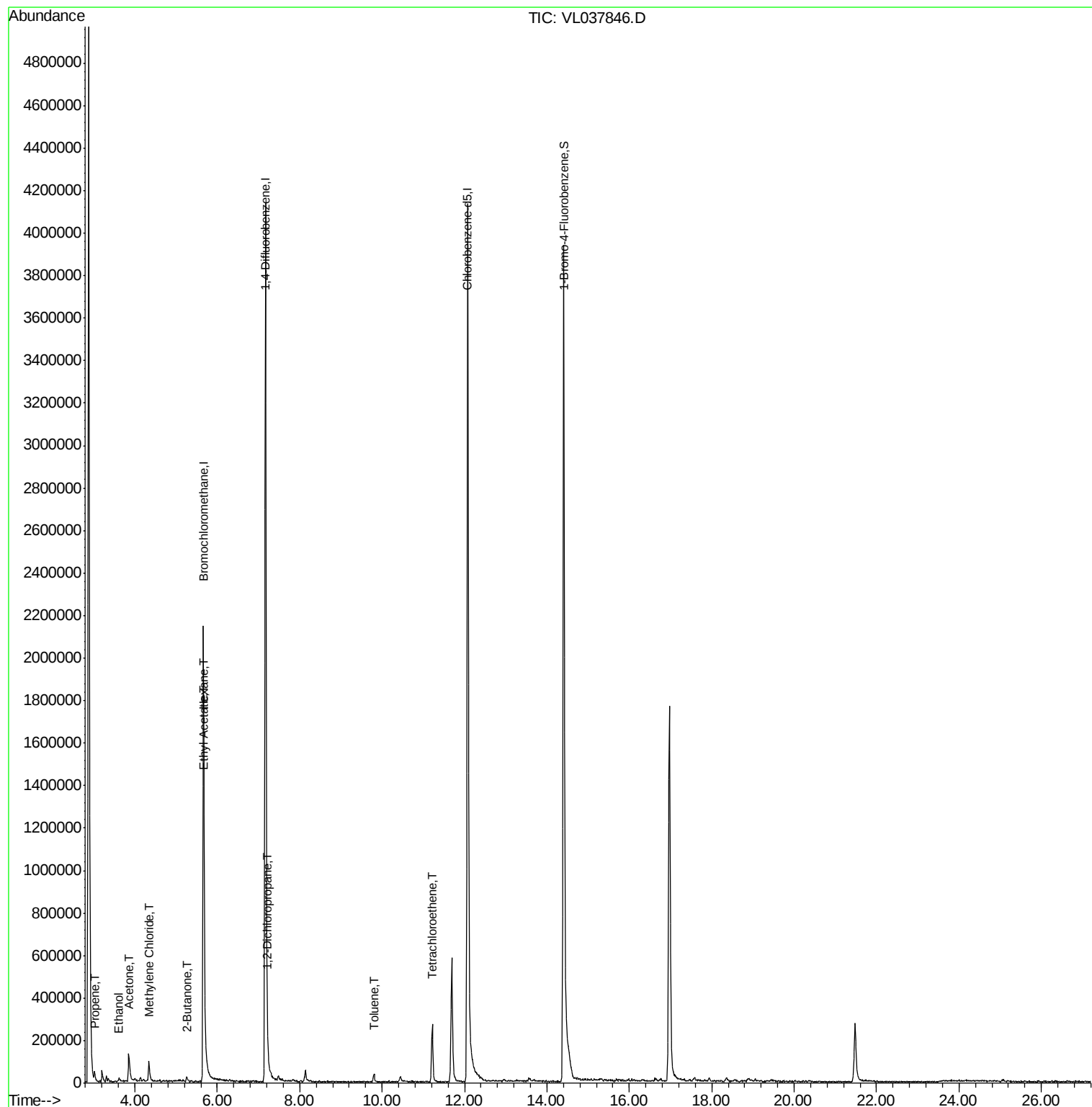
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	3096	0.036	ppbv #	16
13) Ethanol	3.61	45	8244	1.165	ppbv #	27
15) Acetone	3.85	43	155902	1.419	ppbv	93
20) Methylene Chloride	4.34	84	35086	0.632	ppbv #	84
25) Ethyl Acetate	5.69	43	33916	0.110	ppbv #	93
26) Hexane	5.68	57	5524	0.036	ppbv #	1
34) 2-Butanone	5.26	43	17663	0.118	ppbv #	31
39) 1,2-Dichloropropane	7.22	63	17708	0.149	ppbv #	27
52) Tetrachloroethene	11.22	164	39727	0.323	ppbv	94
53) Toluene	9.80	91	17297	0.049	ppbv #	49

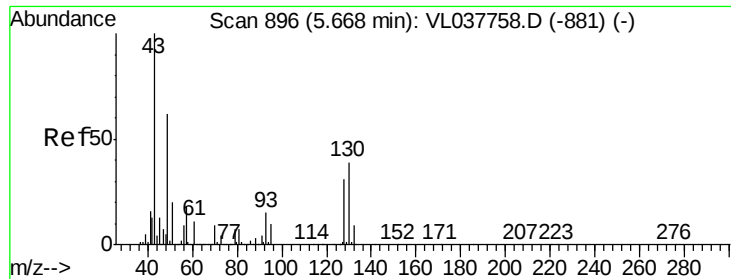
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: 1ST-FLOORDL

Acq: 13 Oct 2021 1:45

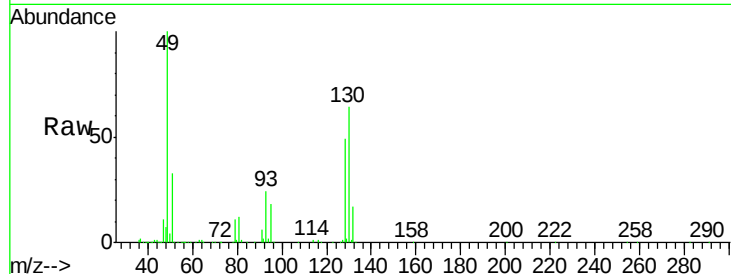
Tgt Ion: 49 Resp: 1223844

Ion Ratio Lower Upper

49 100

128 55.2 27.1 81.3

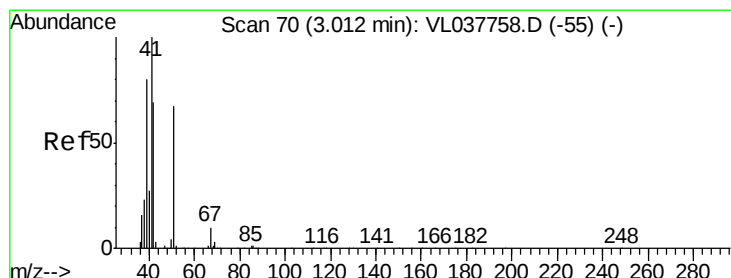
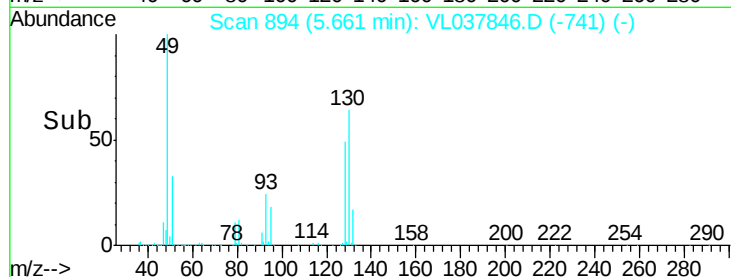
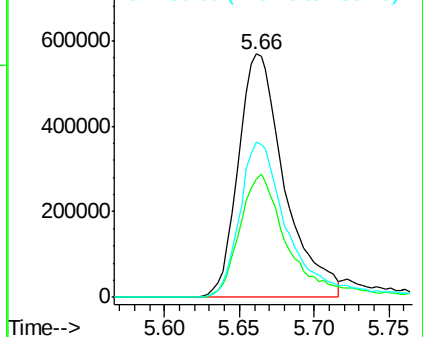
130 68.7 33.2 99.6



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: 0.036 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL037846.D

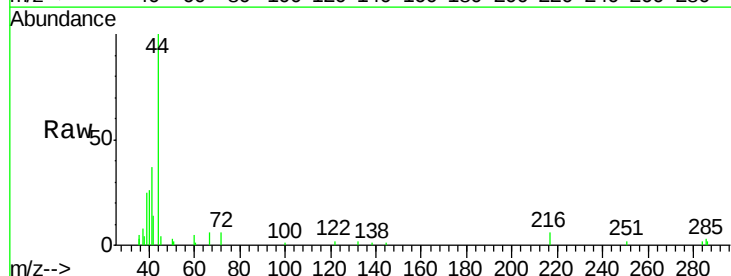
Acq: 13 Oct 2021 1:45

Tgt Ion: 41 Resp: 3096

Ion Ratio Lower Upper

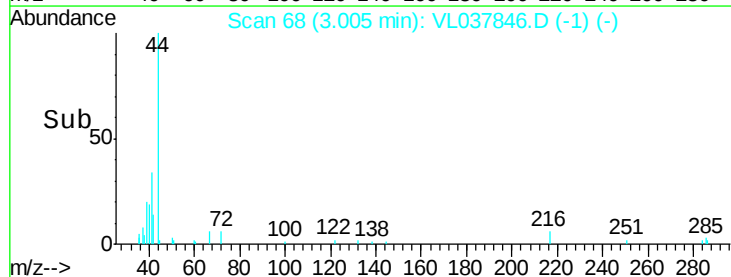
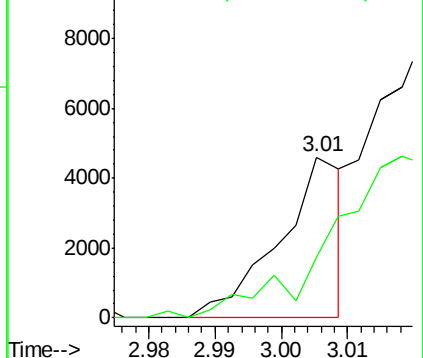
41 100

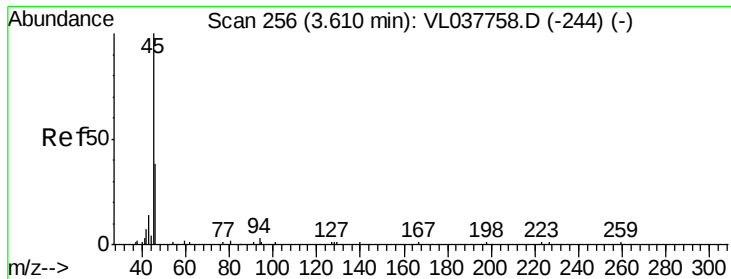
42 0.0 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

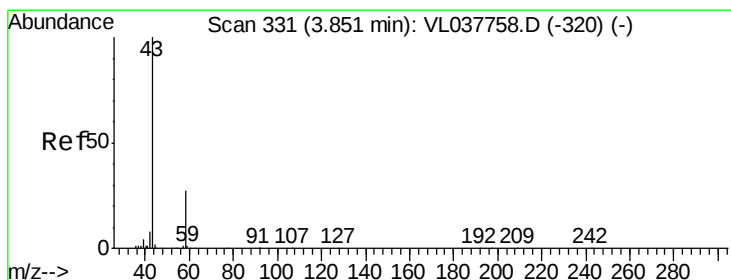
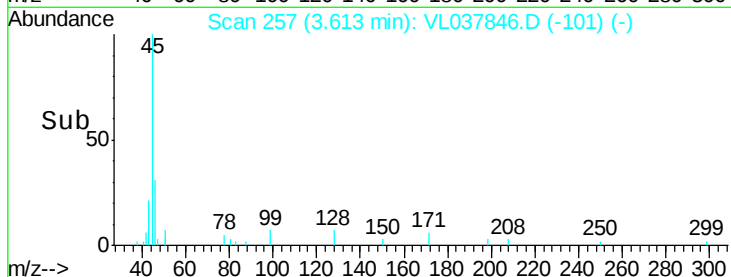
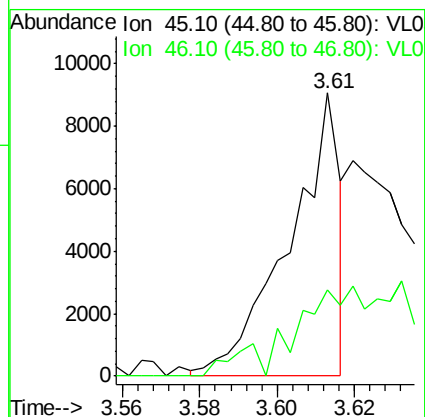
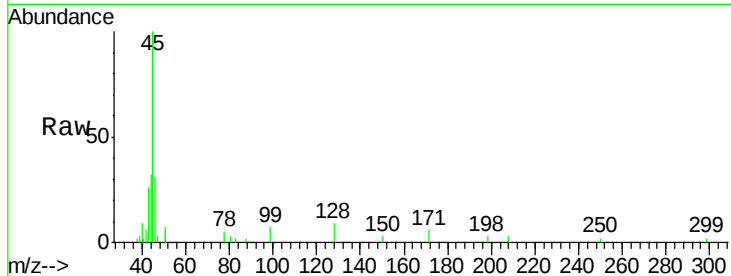
Ion 42.10 (41.80 to 42.80): VL0





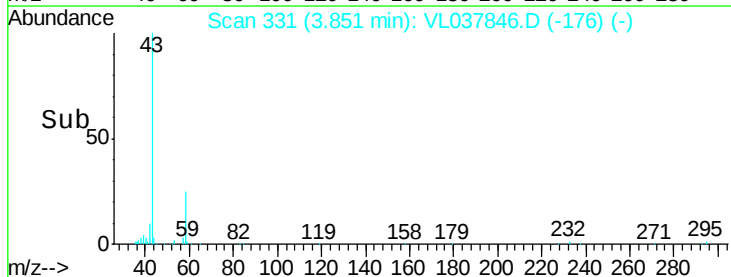
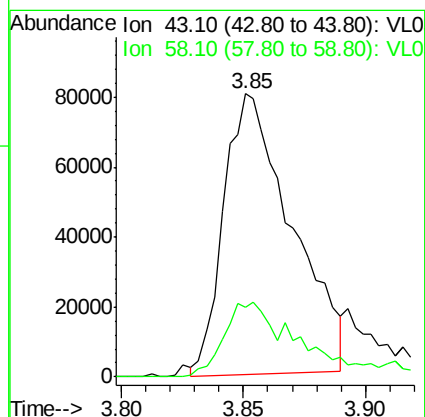
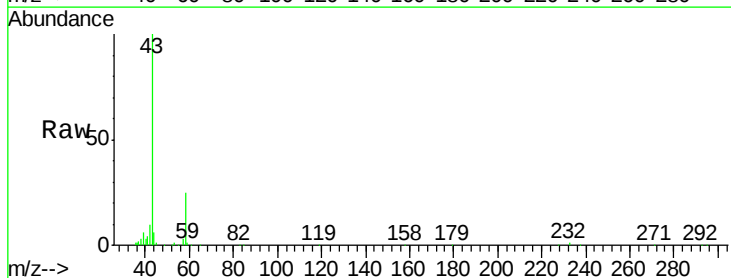
#13
Ethanol
Concen: 1.165 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 13 Oct 2021 1:45

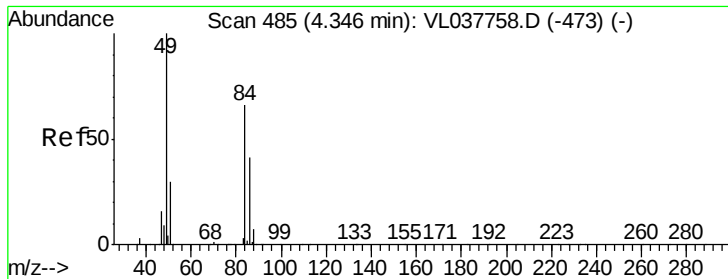
Tgt Ion: 45 Resp: 8244
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#



#15
Acetone
Concen: 1.419 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL037846.D
Acq: 13 Oct 2021 1:45

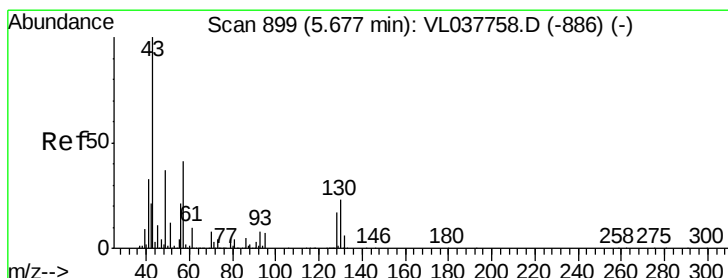
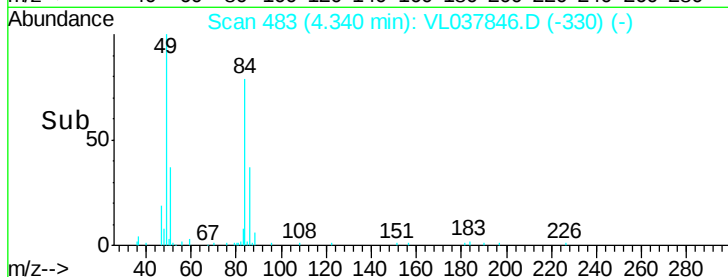
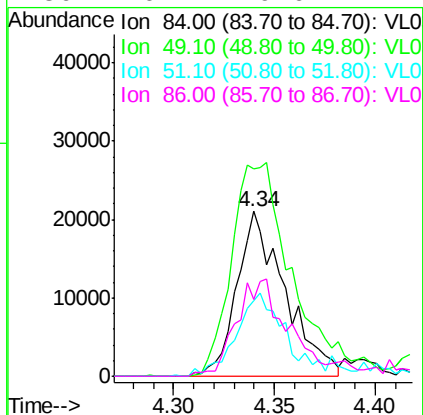
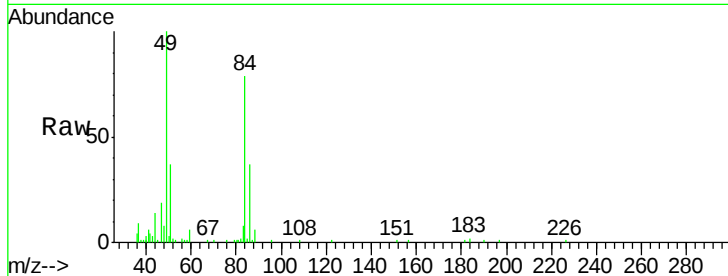
Tgt Ion: 43 Resp: 155902
Ion Ratio Lower Upper
43 100
58 32.3 23.0 34.6





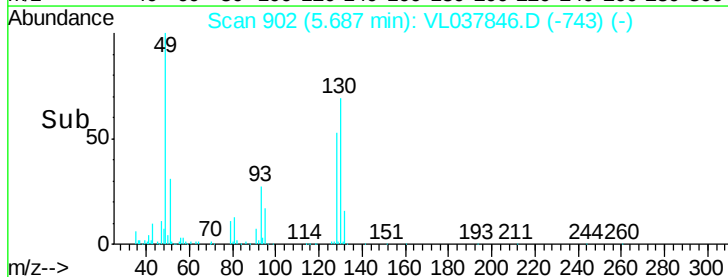
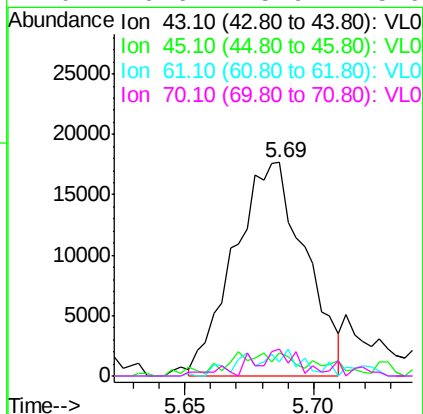
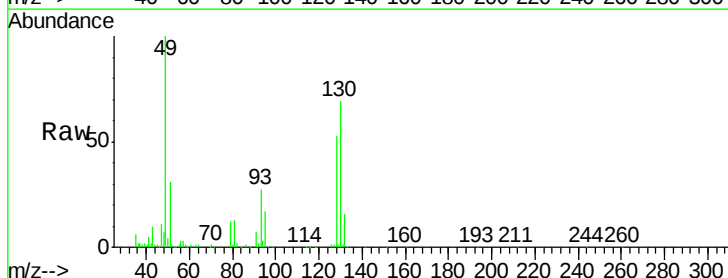
#20
Methylene Chloride
Concen: 0.632 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Oct 2021 1:45

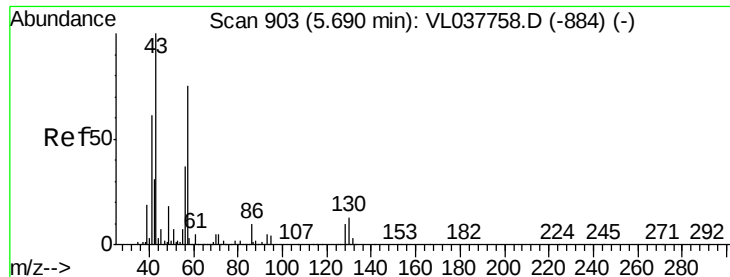
Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	120.7	181.1
51	46.1	36.2	54.4
86	46.7	49.6	74.4#



#25
Ethyl Acetate
Concen: 0.110 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL037846.D
Acq: 13 Oct 2021 1:45

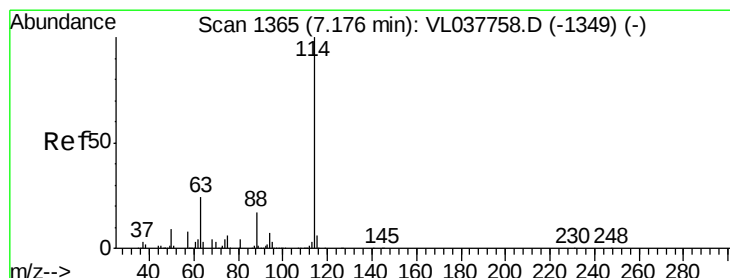
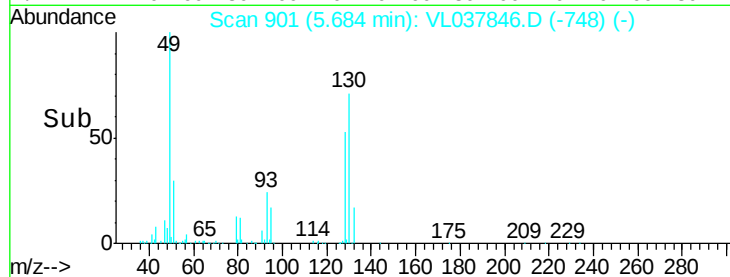
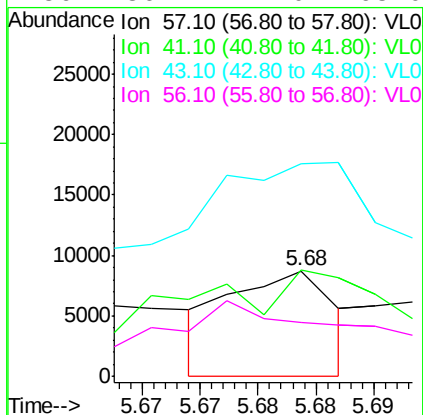
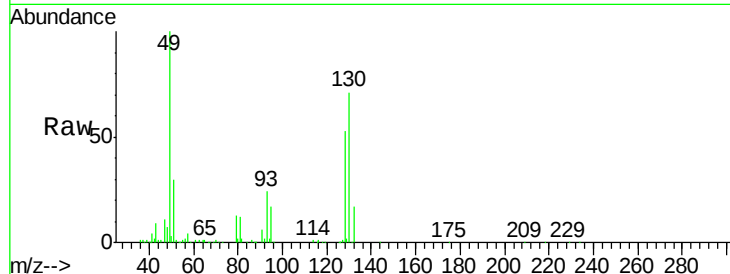
Tgt Ion	Ratio	Lower	Upper
43	100		
45	13.9	8.1	12.1#
61	9.0	7.5	11.3
70	10.6	5.9	8.9#





#26
Hexane
Concen: 0.036 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Oct 2021 1:45

Tgt Ion:	57	Resp:	5524
Ion	Ratio	Lower	Upper
57	100		
41	314.2	69.6	104.4#
43	768.9	171.4	257.0#
56	186.1	42.0	63.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL037846.D
Acq: 13 Oct 2021 1:45

Tgt Ion:	114	Resp:	3702392
Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.4	29.2
88	17.8	14.4	21.6

