

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037872.D
 Acq On : 19 Oct 2021 4:05
 Operator : SY/AP
 Sample : QC101221 CAN 10605
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 20 01:52:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.67	49	1132254	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3312103	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2789889	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1974165	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

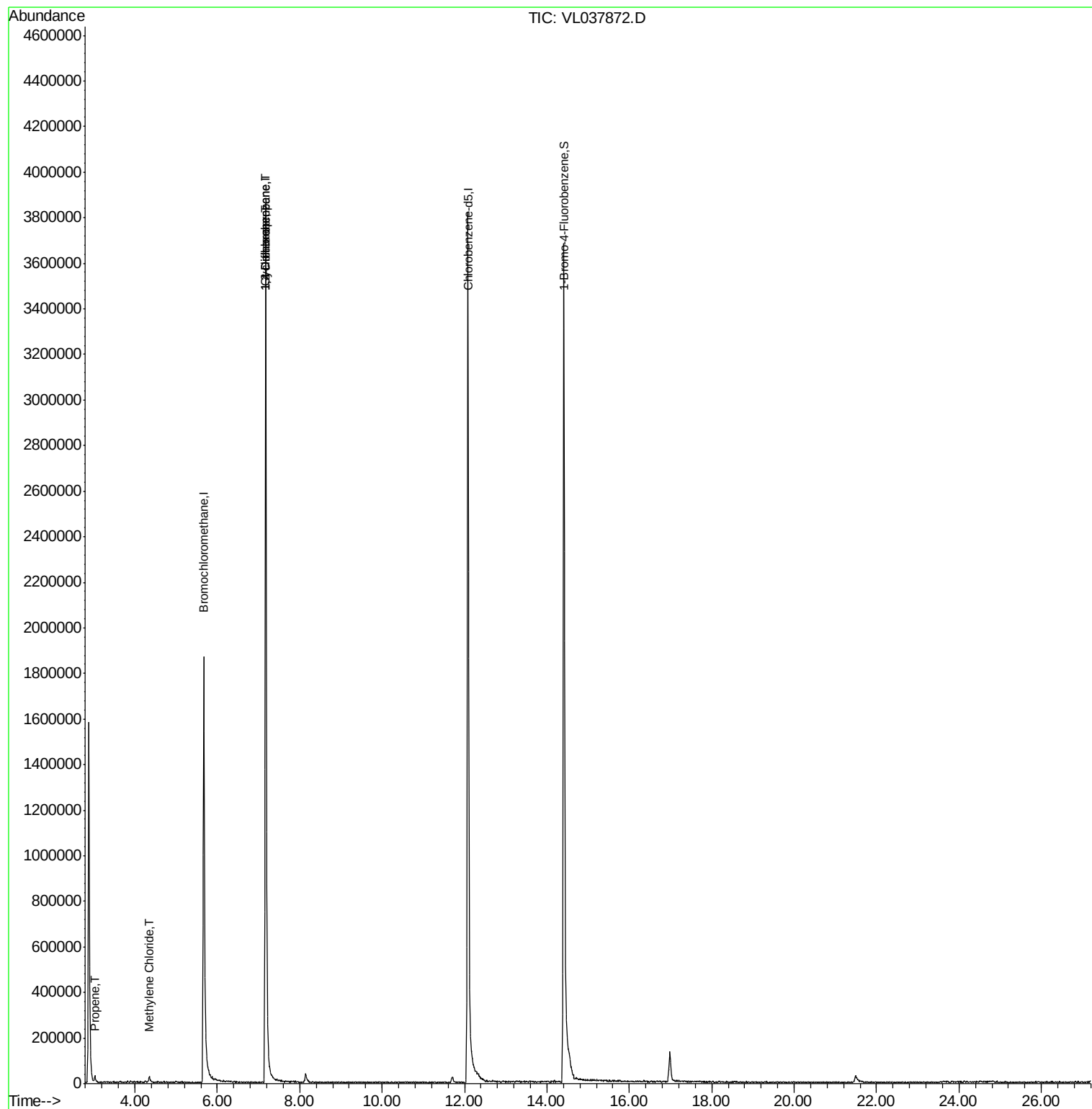
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	8756	0.109	ppbv	84
20) Methylene Chloride	4.34	84	4743	0.092	ppbv #	60
30) Cyclohexane	7.16	84	6097	0.051	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	776434	7.297	ppbv #	29

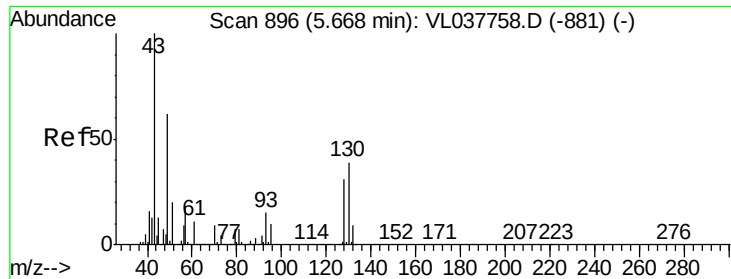
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Oct 2021 4:05

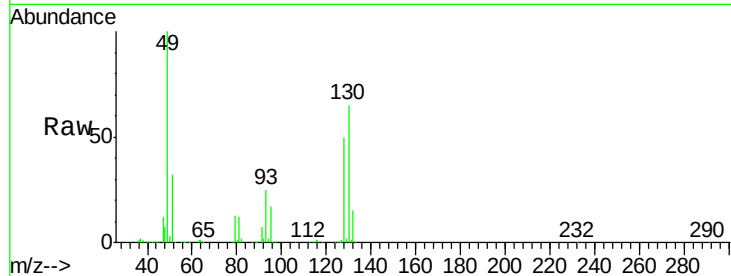
Tgt Ion: 49 Resp: 1132254

Ion Ratio Lower Upper

49 100

128 55.2 27.1 81.3

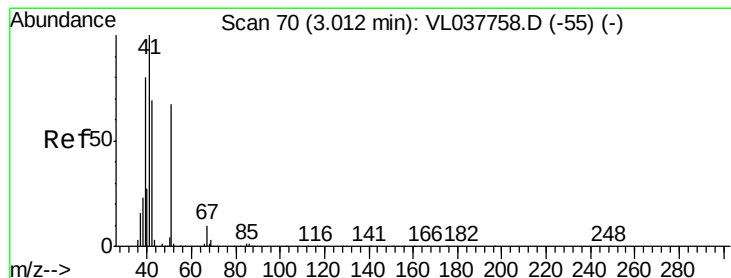
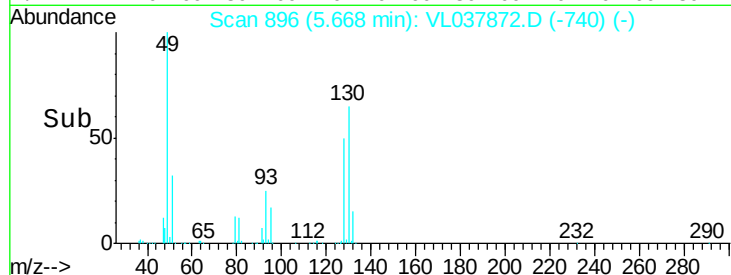
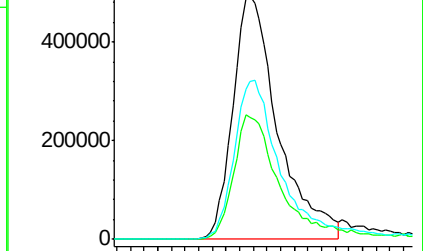
130 71.1 33.2 99.6



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: 0.109 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL037872.D

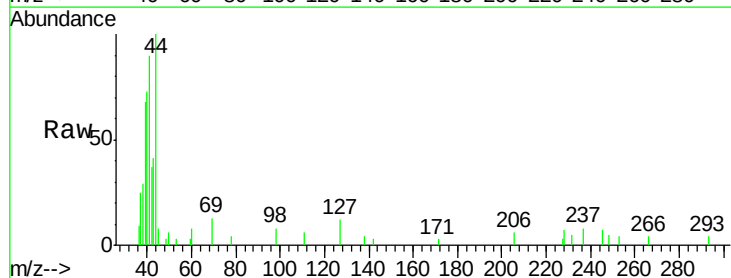
Acq: 19 Oct 2021 4:05

Tgt Ion: 41 Resp: 8756

Ion Ratio Lower Upper

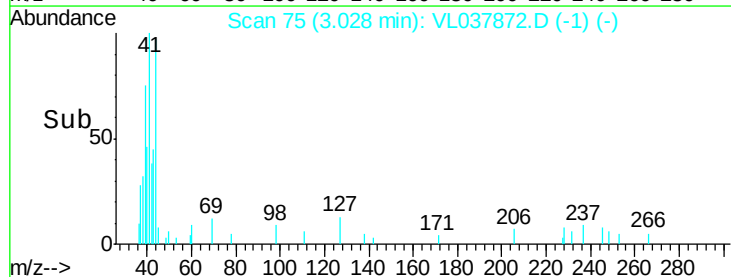
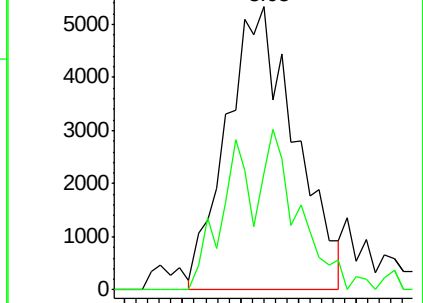
41 100

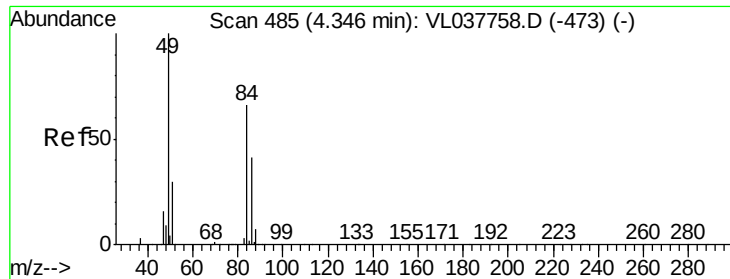
42 54.8 54.2 81.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

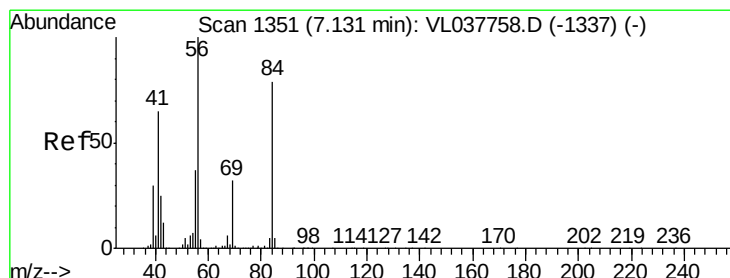
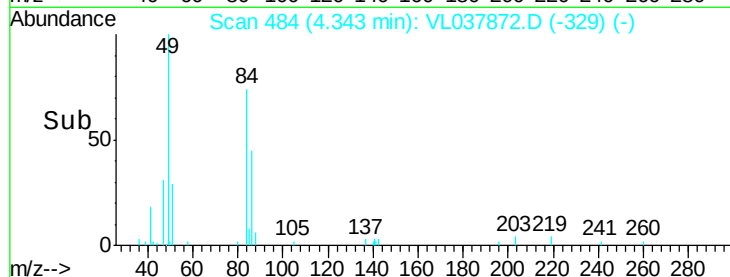
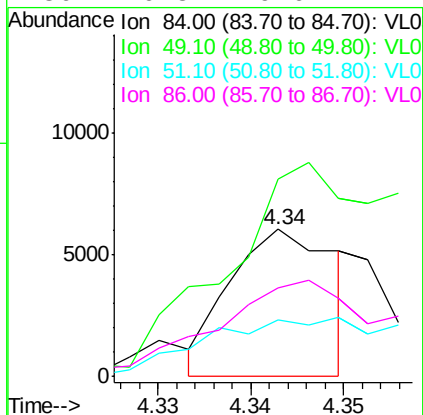
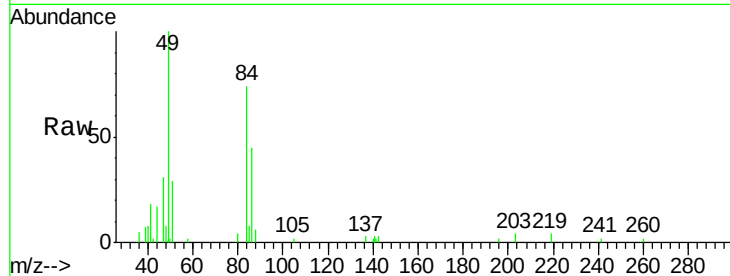
Ion 42.10 (41.80 to 42.80): VL0





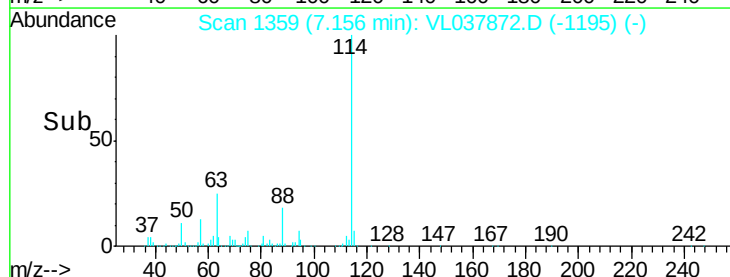
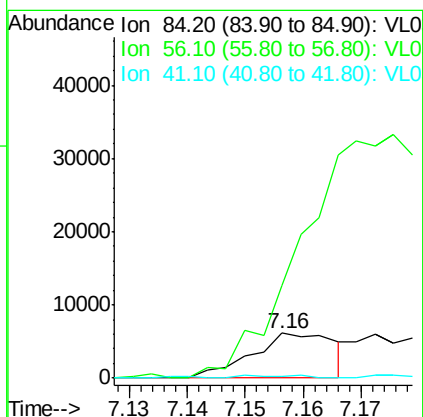
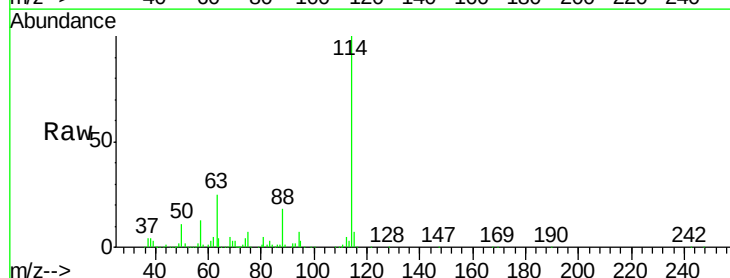
#20
Methylene Chloride
Concen: 0.092 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 19 Oct 2021 4:05

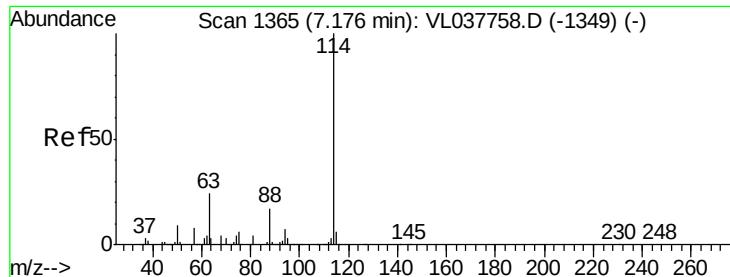
Tgt Ion:	84	Resp:	4743
Ion	Ratio	Lower	Upper
84	100		
49	90.3	120.7	181.1#
51	25.1	36.2	54.4#
86	40.3	49.6	74.4#



#30
Cyclohexane
Concen: 0.051 ppbv
RT: 7.16 min Scan# 1359
Delta R.T.: 0.03 min
Lab File: VL037872.D
Acq: 19 Oct 2021 4:05

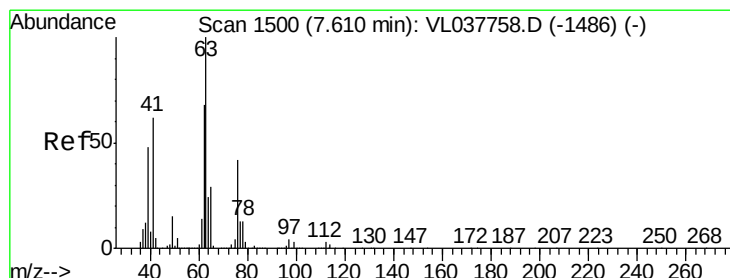
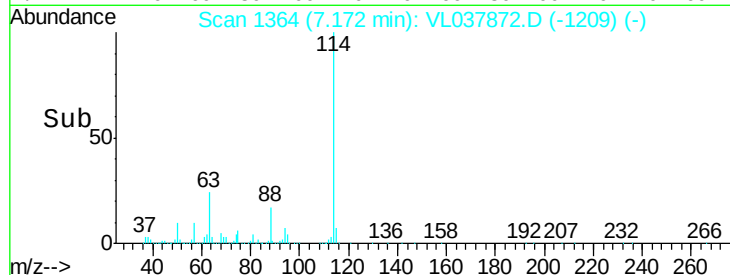
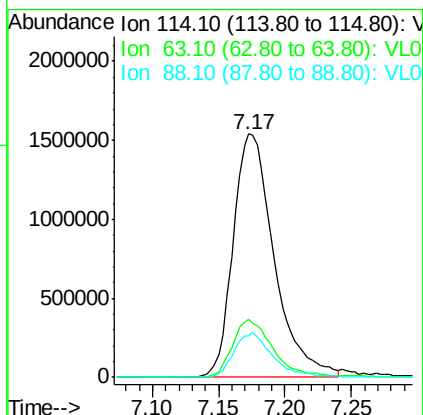
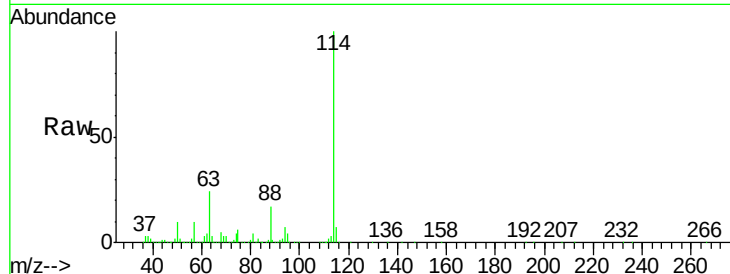
Tgt Ion:	84	Resp:	6097
Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.0	169.4#
41	5.2	69.1	103.7#





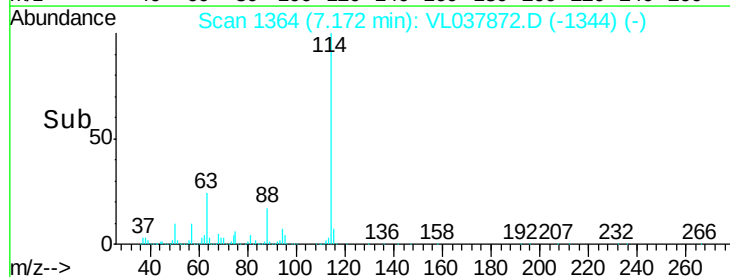
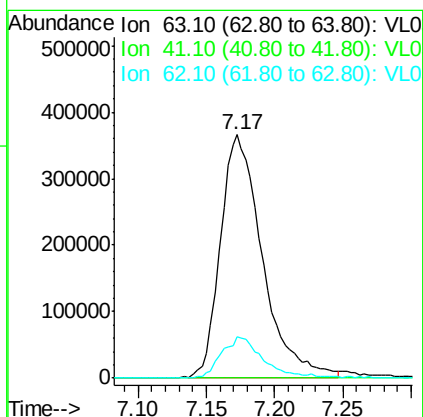
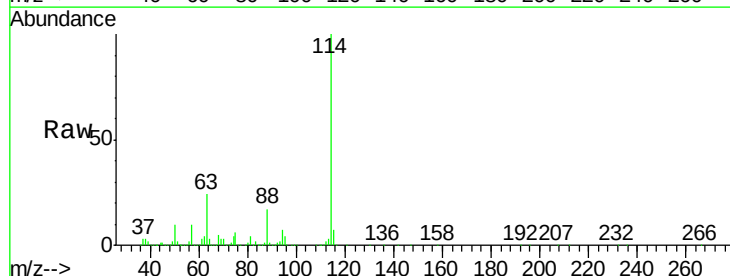
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 19 Oct 2021 4:05

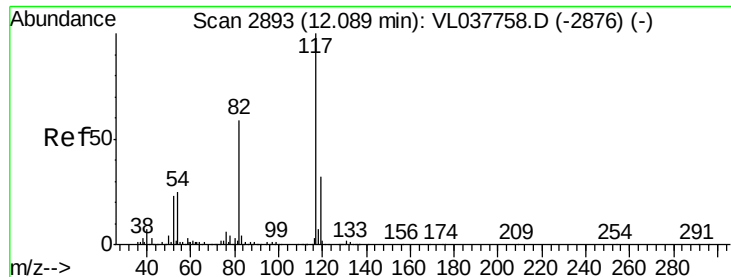
Tgt Ion:	114	Resp:	3312103
Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.4	29.2
88	17.8	14.4	21.6



#39
 1,2-Dichloropropane
 Concen: 7.297 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T.: -0.44 min
 Lab File: VL037872.D
 Acq: 19 Oct 2021 4:05

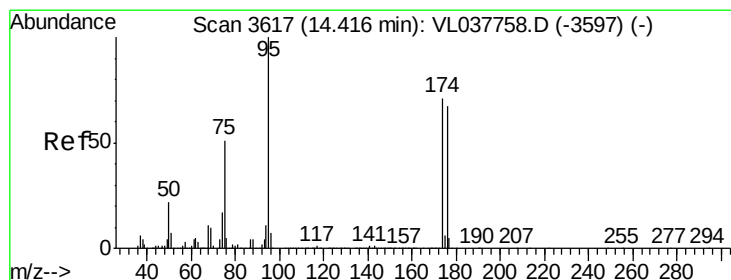
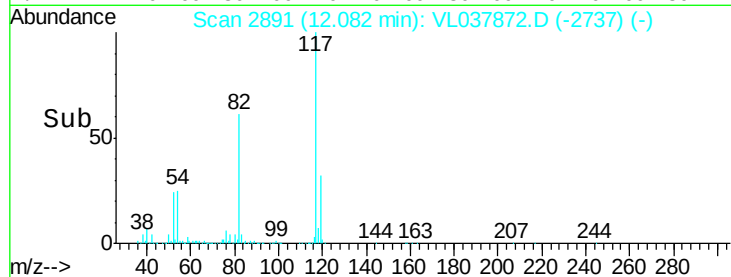
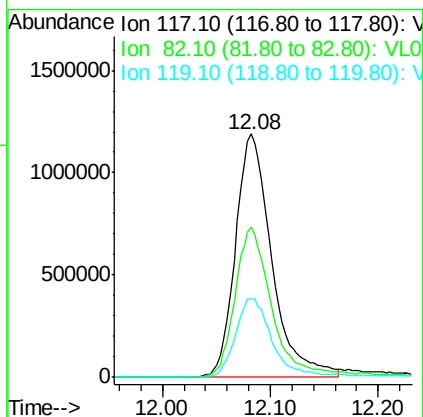
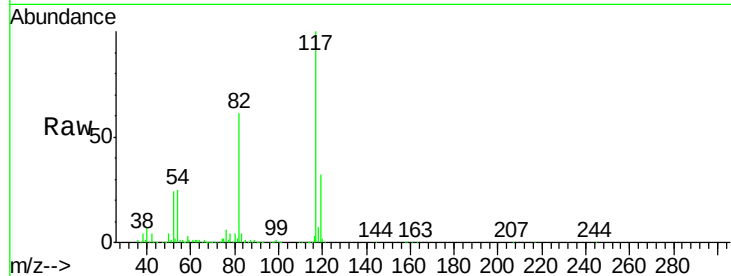
Tgt Ion:	63	Resp:	776434
Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.8	74.6#
62	17.3	54.6	82.0#





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 19 Oct 2021 4:05

Tgt Ion: 117 Resp: 2789889
 Ion Ratio Lower Upper
 117 100
 82 64.9 52.2 78.2
 119 34.3 26.0 39.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.119 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: -0.01 min
 Lab File: VL037872.D
 Acq: 19 Oct 2021 4:05

Tgt Ion: 95 Resp: 1974165
 Ion Ratio Lower Upper
 95 100
 174 74.9 57.8 86.6
 175 5.5 4.7 7.1

