

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037870.D
 Acq On : 19 Oct 2021 2:12
 Operator : SY/AP
 Sample : CAN 10269
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10602

Quant Time: Oct 19 08:36:13 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	1118067	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3399421	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2815505	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1961533	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

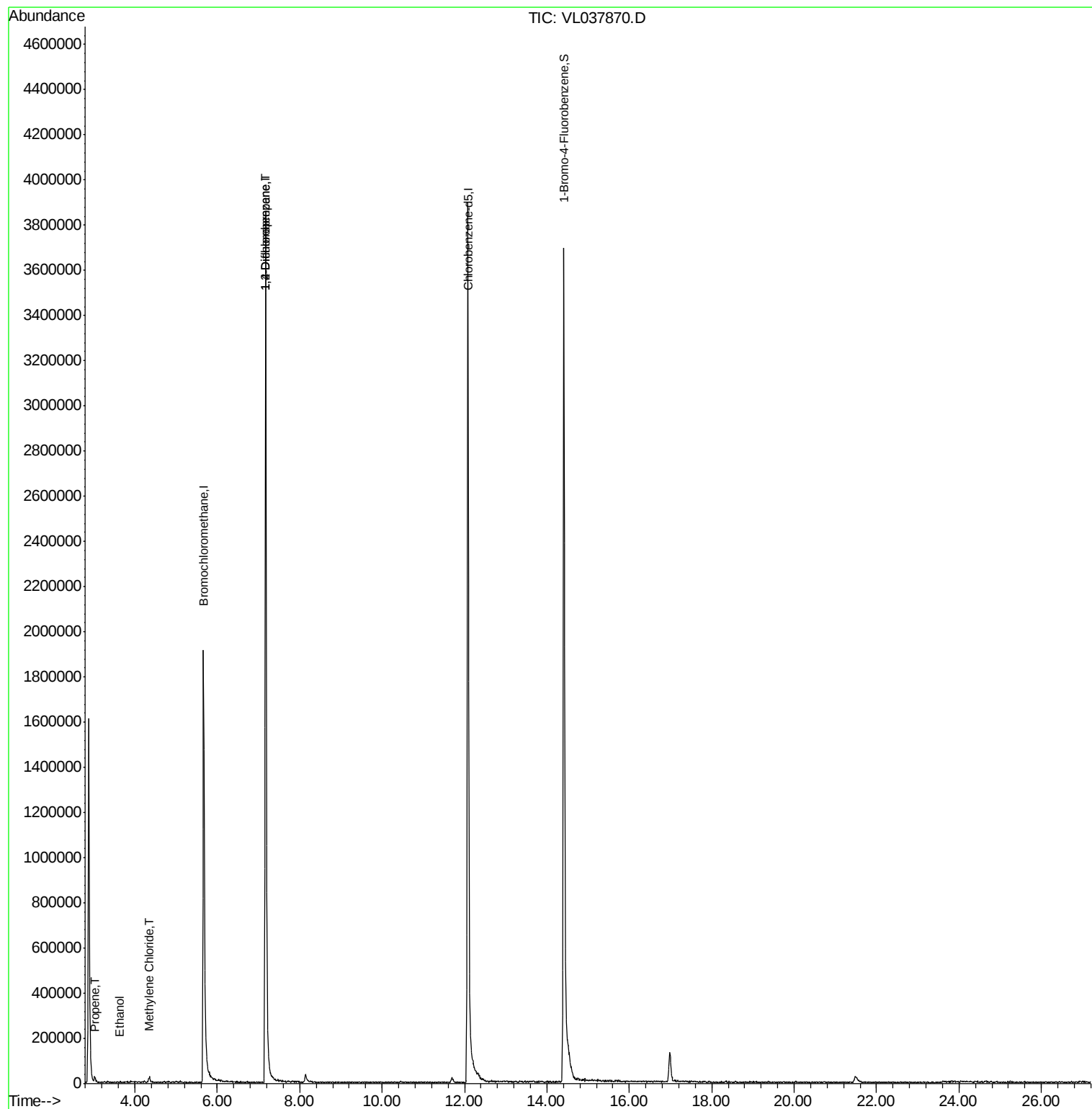
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	2328	0.029	ppbv #	16
13) Ethanol	3.63	45	688	0.106	ppbv	65
20) Methylene Chloride	4.35	84	10267	0.202	ppbv #	70
39) 1,2-Dichloropropane	7.18	63	792184	7.253	ppbv #	27

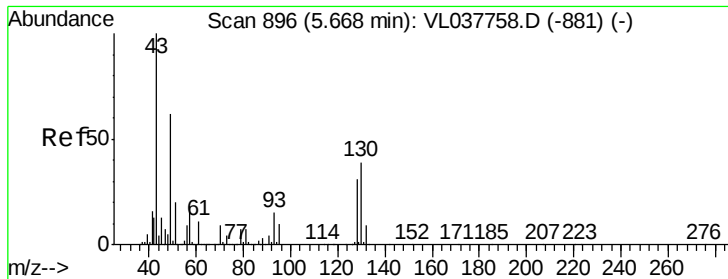
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: CAN 10602

Acq: 19 Oct 2021 2:12

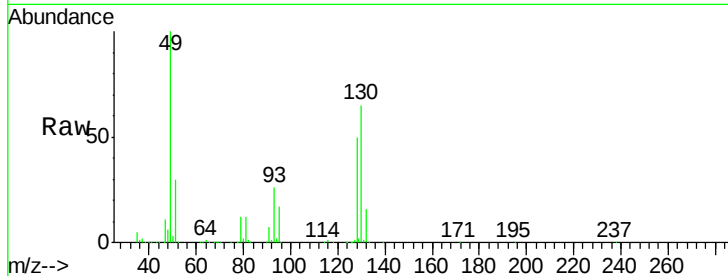
Tgt Ion: 49 Resp: 1118067

Ion Ratio Lower Upper

49 100

128 55.9 27.1 81.3

130 71.9 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

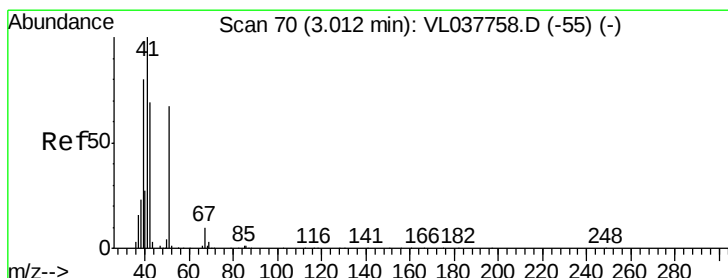
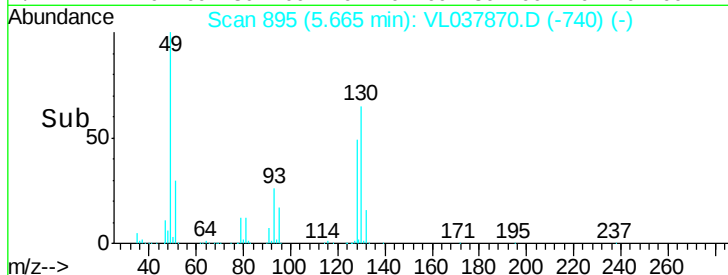
5.66

400000

200000

0

Time-->



#9

Propene

Concen: 0.029 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL037870.D

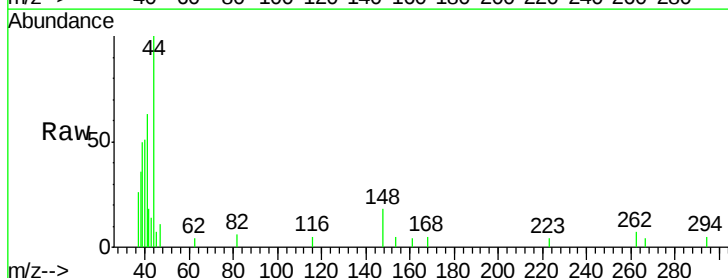
Acq: 19 Oct 2021 2:12

Tgt Ion: 41 Resp: 2328

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

8000

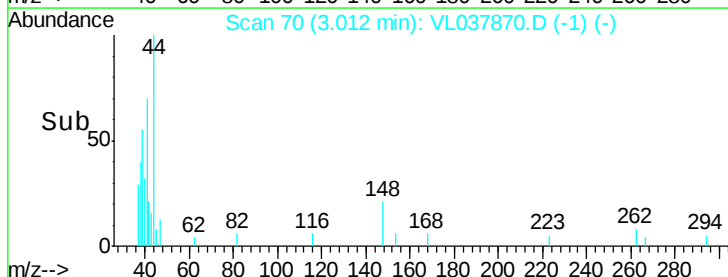
6000

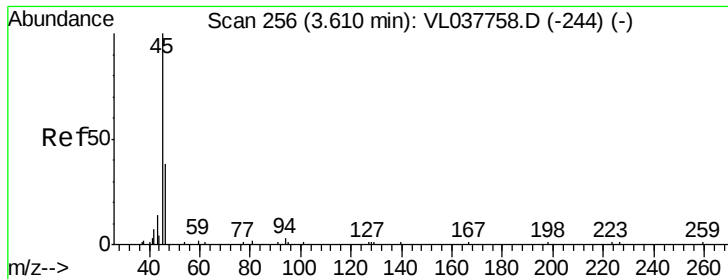
4000

2000

0

Time-->





#13

Ethanol

Concen: 0.106 ppbv

RT: 3.63 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: CAN10602

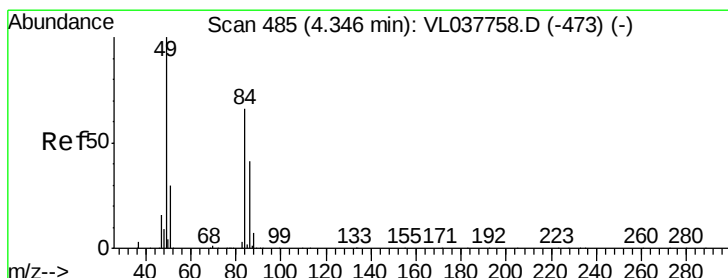
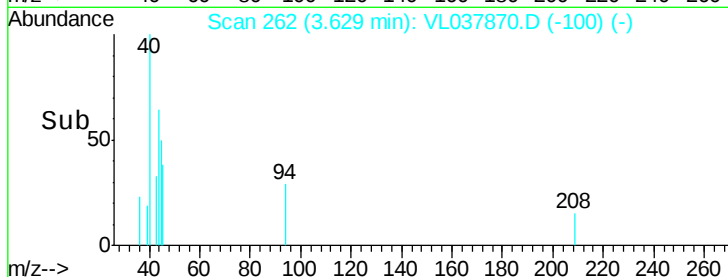
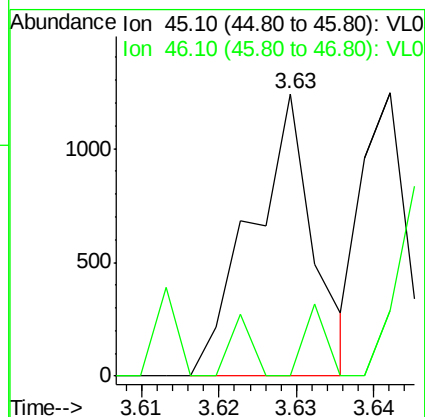
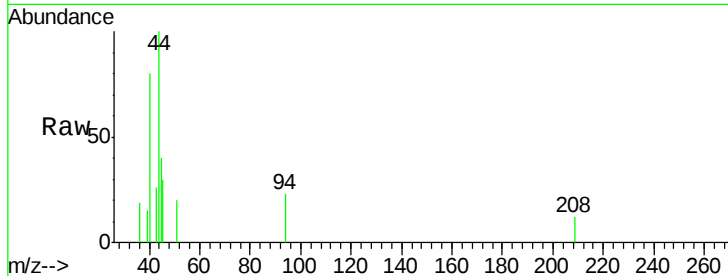
Acq: 19 Oct 2021 2:12

Tgt Ion: 45 Resp: 688

Ion Ratio Lower Upper

45 100

46 26.5 20.2 81.0



#20

Methylene Chloride

Concen: 0.202 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.00 min

Lab File: VL037870.D

Acq: 19 Oct 2021 2:12

Tgt Ion: 84 Resp: 10267

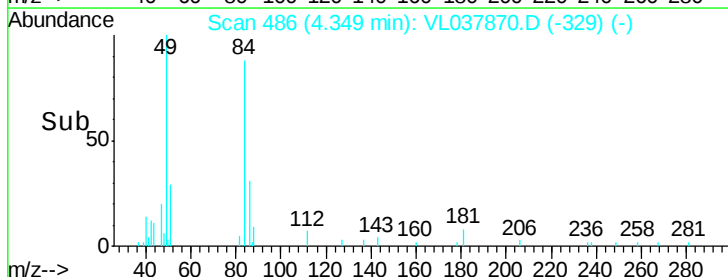
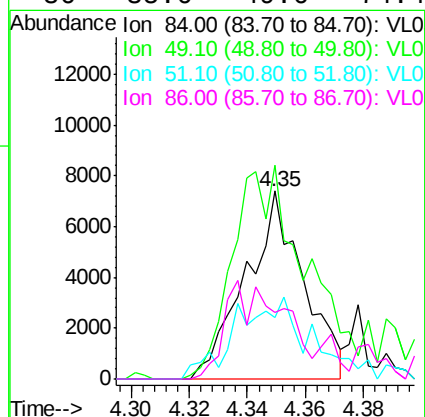
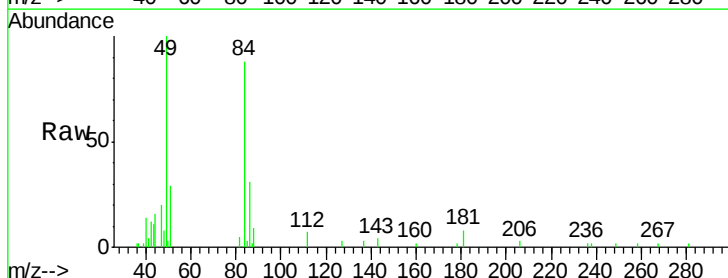
Ion Ratio Lower Upper

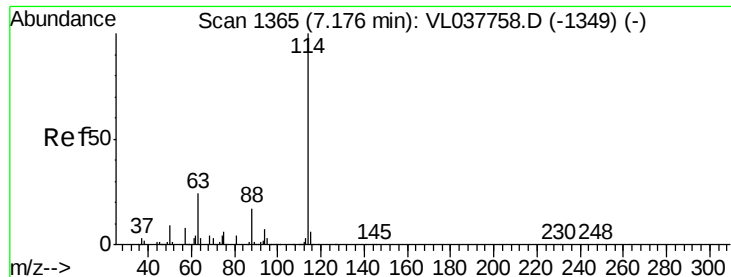
84 100

49 114.6 120.7 181.1#

51 25.4 36.2 54.4#

86 35.6 49.6 74.4#

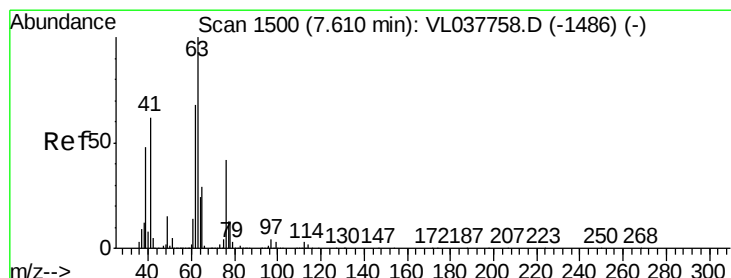
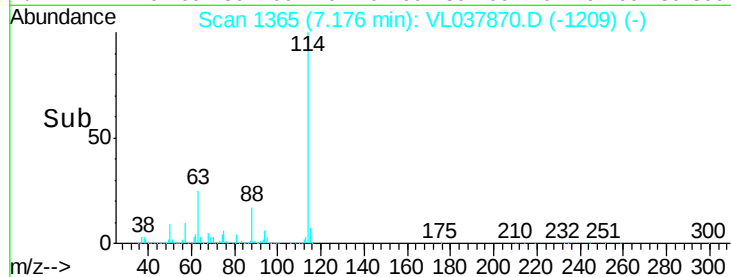
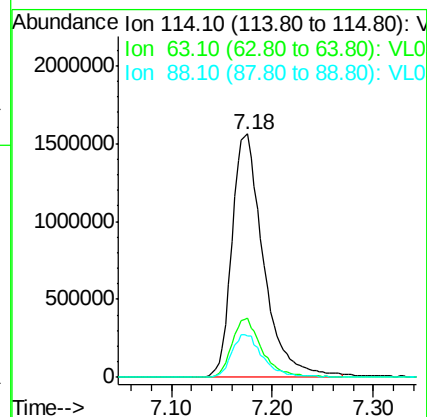
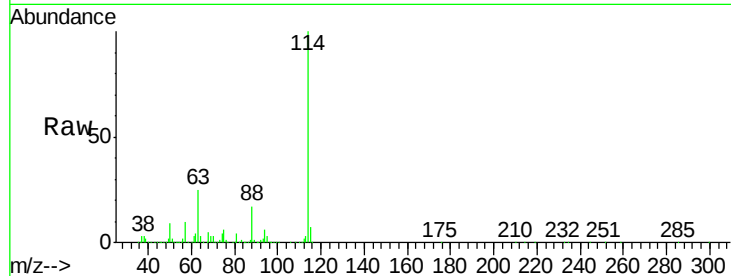




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 2:12

Tgt Ion: 114 Resp: 3399421

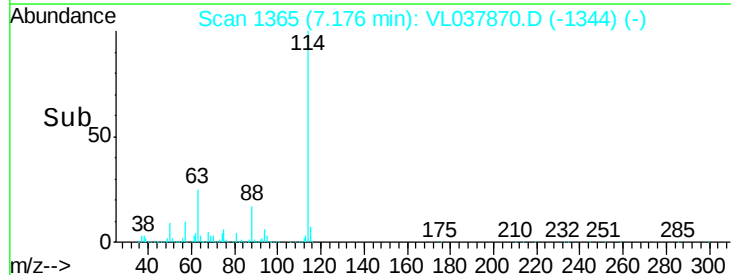
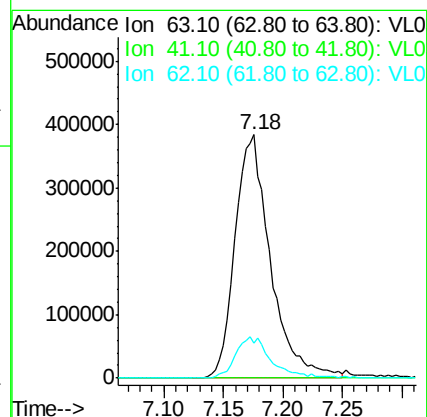
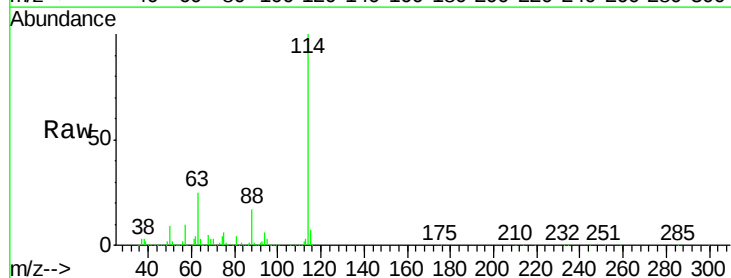
Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.4	29.2
88	18.0	14.4	21.6

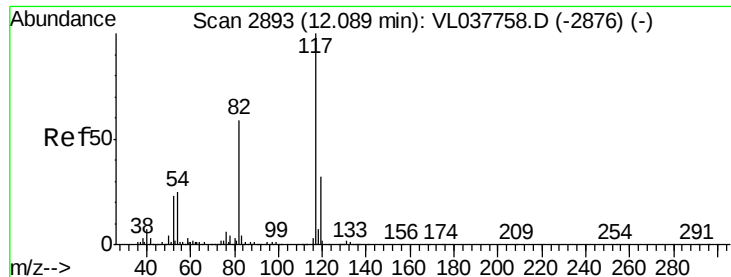


#39
 1,2-Dichloropropane
 Concen: 7.253 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T.: -0.43 min
 Lab File: VL037870.D
 Acq: 19 Oct 2021 2:12

Tgt Ion: 63 Resp: 792184

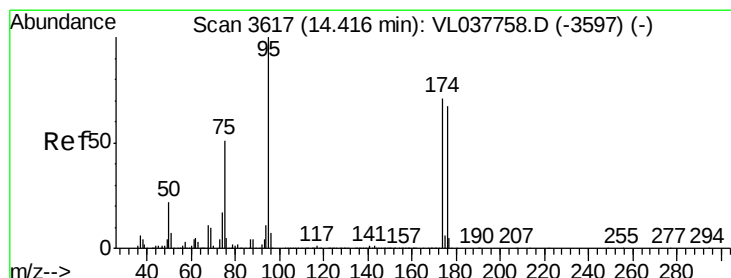
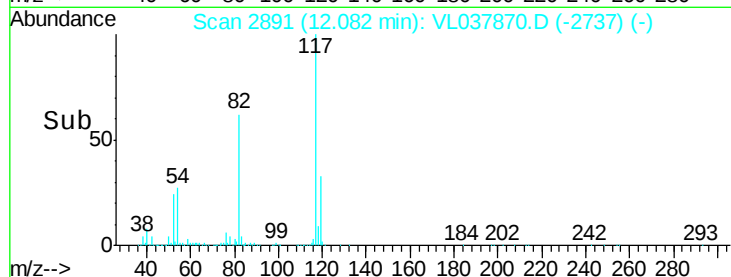
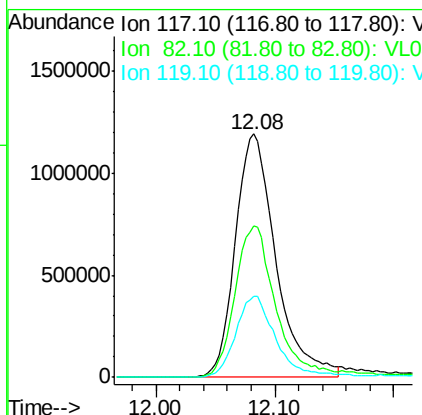
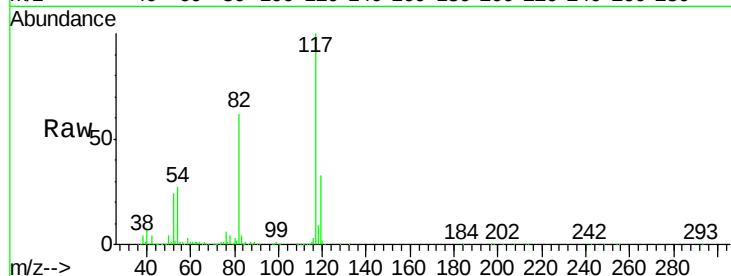
Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.8	74.6#
62	14.4	54.6	82.0#





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 2:12

Tgt Ion: 117 Resp: 2815505
 Ion Ratio Lower Upper
 117 100
 82 64.5 52.2 78.2
 119 34.6 26.0 39.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.963 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T.: -0.00 min
 Lab File: VL037870.D
 Acq: 19 Oct 2021 2:12

Tgt Ion: 95 Resp: 1961533
 Ion Ratio Lower Upper
 95 100
 174 75.7 57.8 86.6
 175 5.6 4.7 7.1

