

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037869.D
 Acq On : 19 Oct 2021 1:35
 Operator : SY/AP
 Sample : CAN 10266
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10266

Quant Time: Oct 19 08:36:07 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	1131950	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3437985	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2778533	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1958265	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

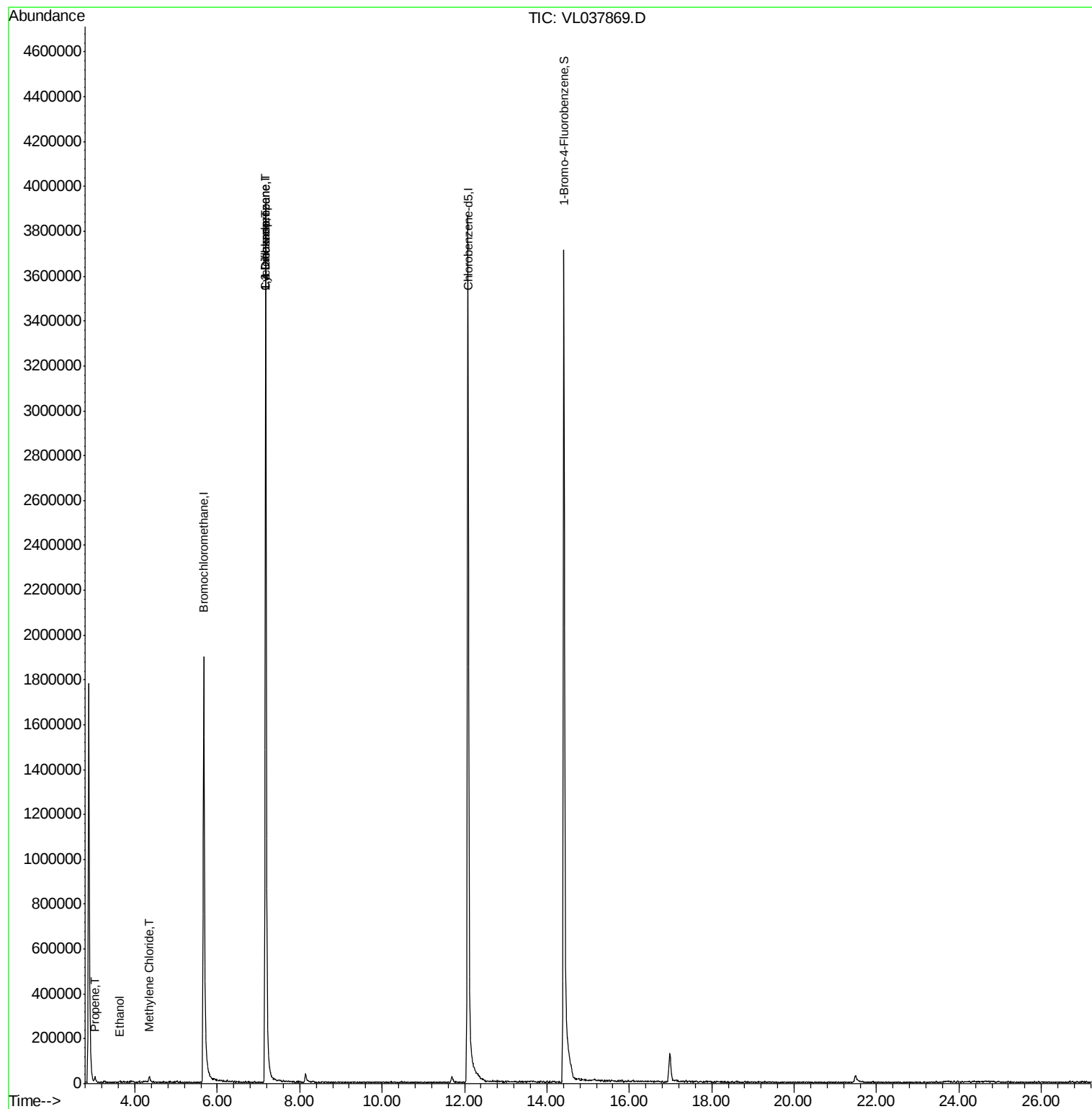
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	3098	0.039	ppbv #	16
13) Ethanol	3.62	45	138	0.021	ppbv #	27
20) Methylene Chloride	4.34	84	7746	0.151	ppbv #	47
30) Cyclohexane	7.16	84	6335	0.053	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	794974	7.197	ppbv #	27

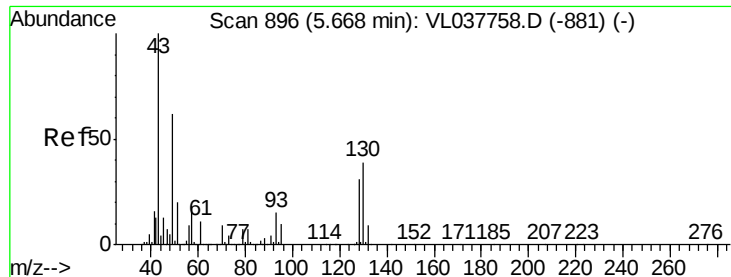
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10266

Acq: 19 Oct 2021 1:35

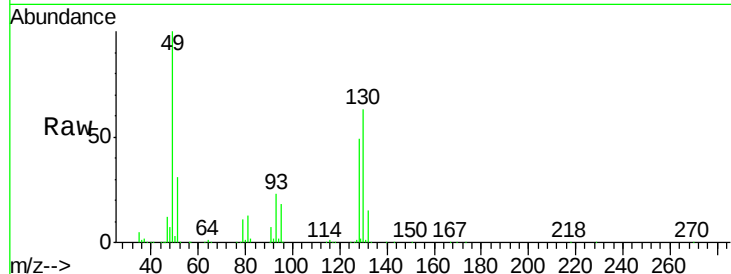
Tgt Ion: 49 Resp: 1131950

Ion Ratio Lower Upper

49 100

128 55.2 27.1 81.3

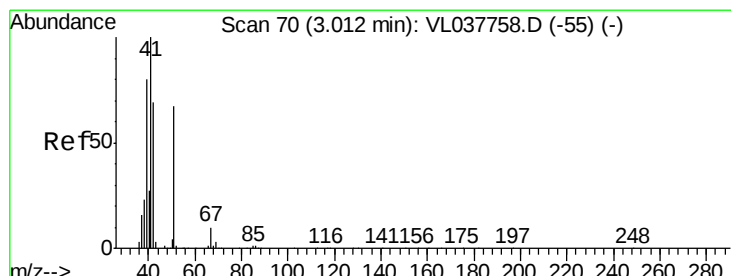
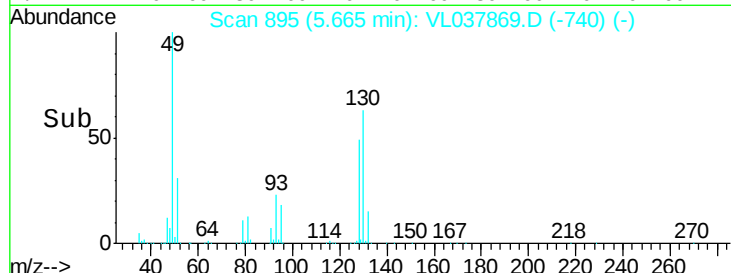
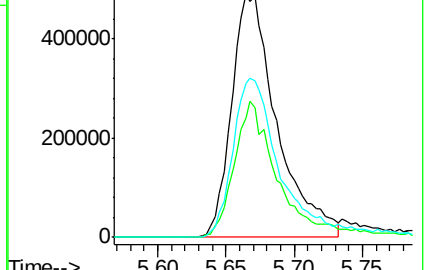
130 72.0 33.2 99.6



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: 0.039 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037869.D

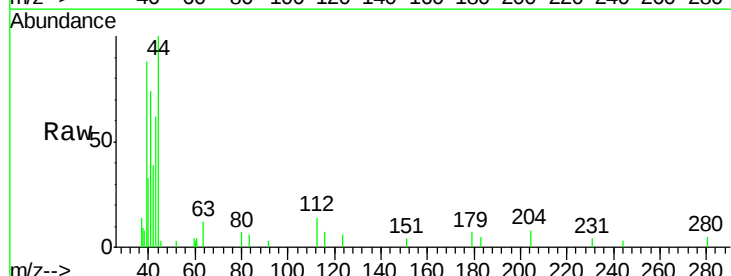
Acq: 19 Oct 2021 1:35

Tgt Ion: 41 Resp: 3098

Ion Ratio Lower Upper

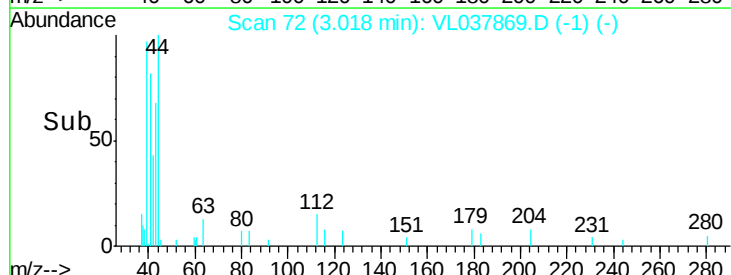
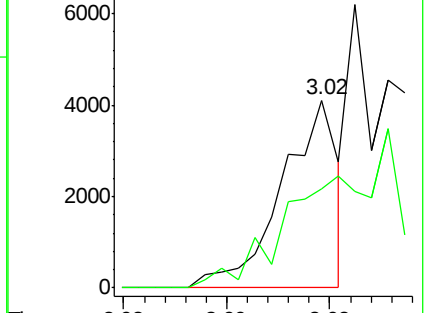
41 100

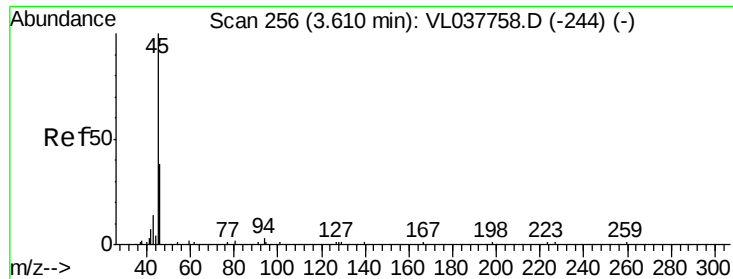
42 0.0 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

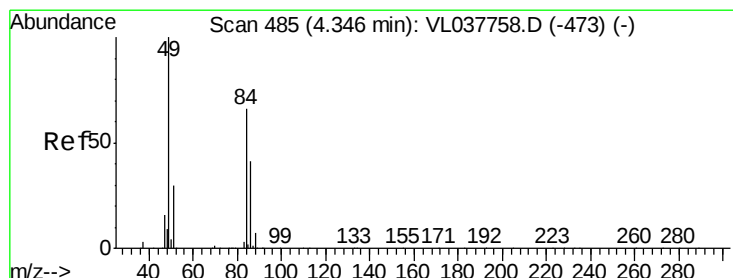
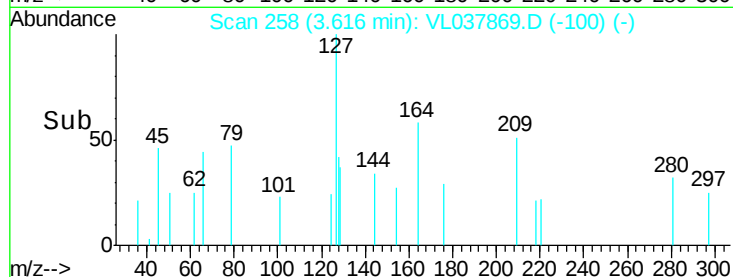
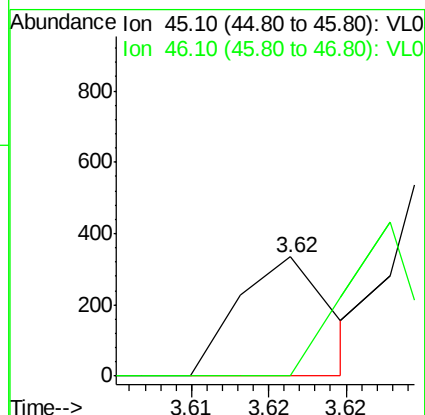
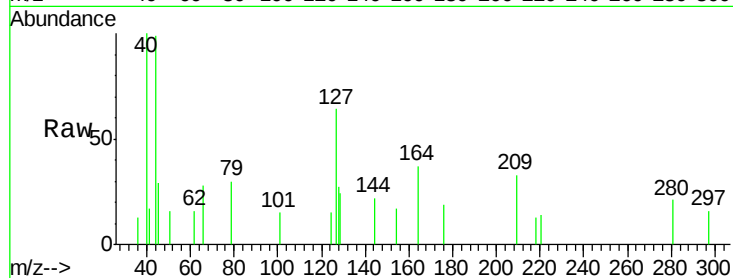
Ion 42.10 (41.80 to 42.80): VL0





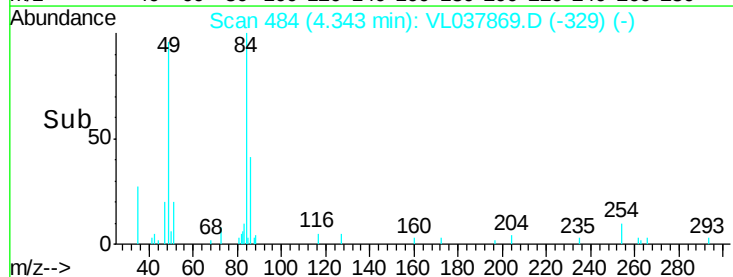
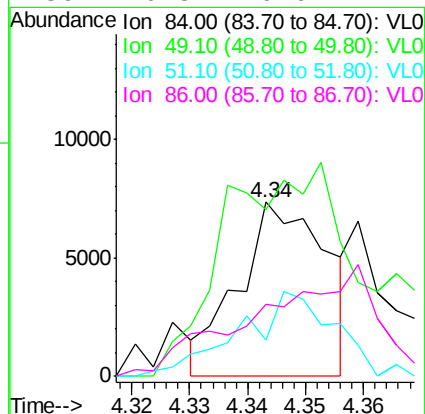
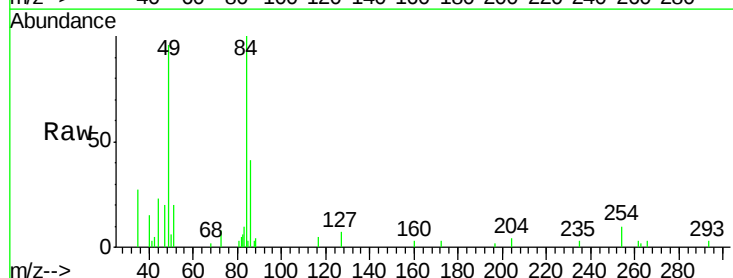
#13
 Ethanol
 Concen: 0.021 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 1:35

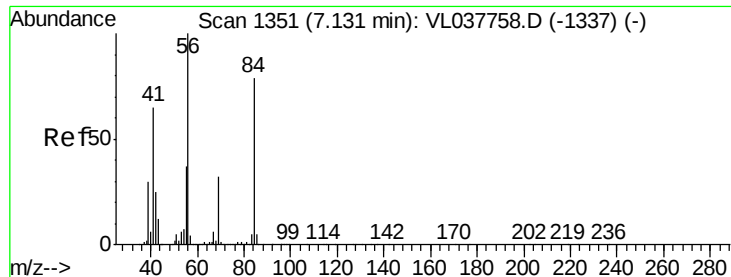
Tgt Ion: 45 Resp: 138
 Ion Ratio Lower Upper
 45 100
 46 0.0 20.2 81.0#



#20
 Methylene Chloride
 Concen: 0.151 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: VL037869.D
 Acq: 19 Oct 2021 1:35

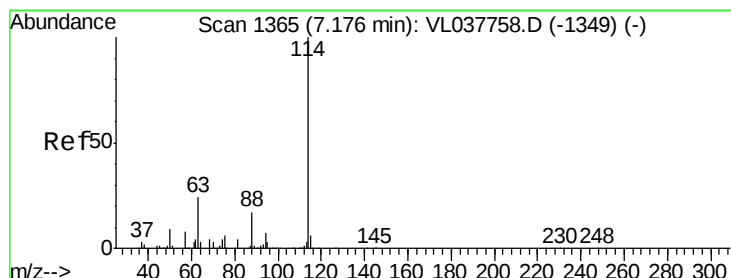
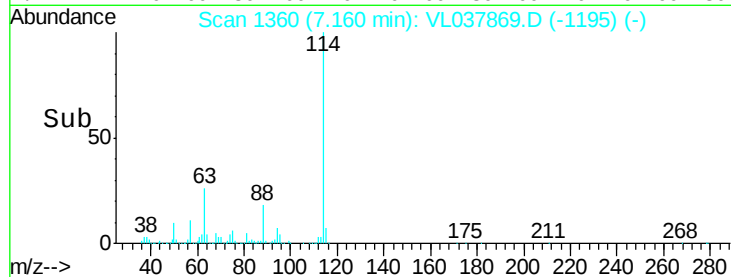
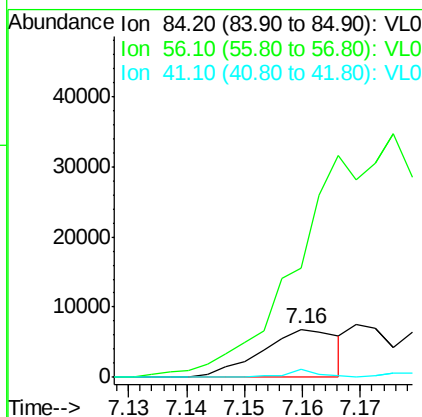
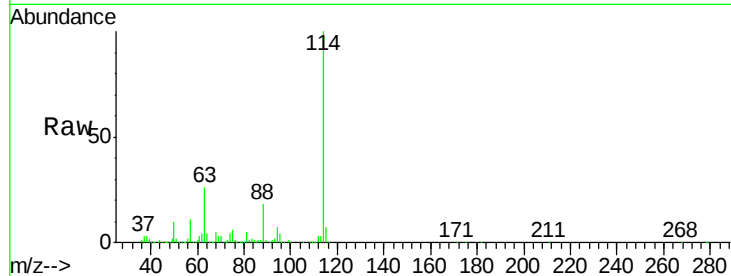
Tgt Ion: 84 Resp: 7746
 Ion Ratio Lower Upper
 84 100
 49 84.8 120.7 181.1#
 51 10.1 36.2 54.4#
 86 20.8 49.6 74.4#





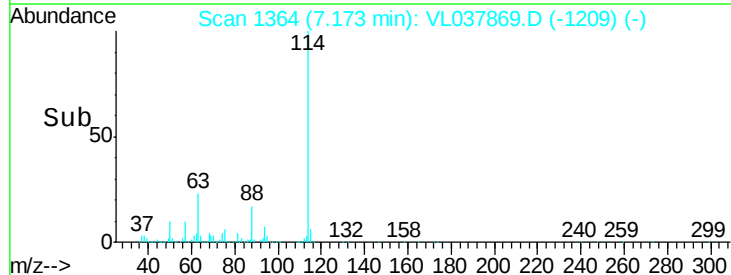
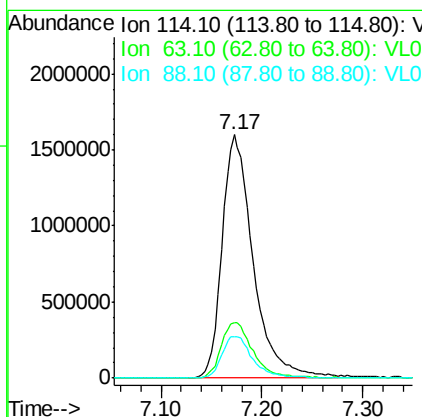
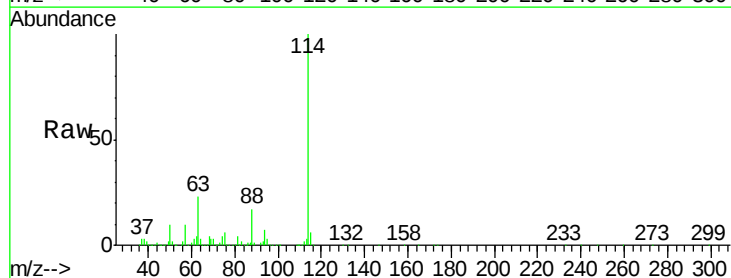
#30
Cyclohexane
Concen: 0.053 ppbv
RT: 7.16 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Oct 2021 1:35

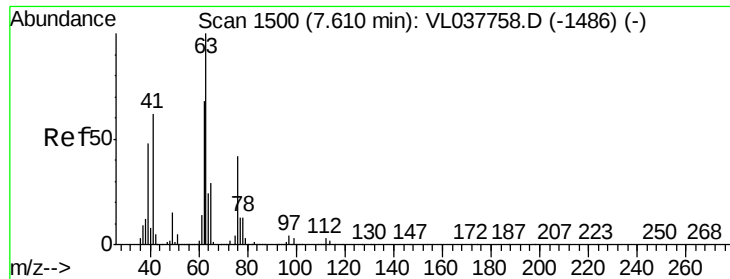
Tgt Ion: 84 Resp: 6335
Ion Ratio Lower Upper
84 100
56 0.0 113.0 169.4#
41 11.3 69.1 103.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T.: -0.00 min
Lab File: VL037869.D
Acq: 19 Oct 2021 1:35

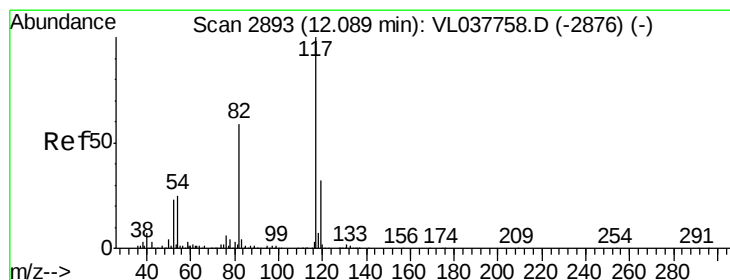
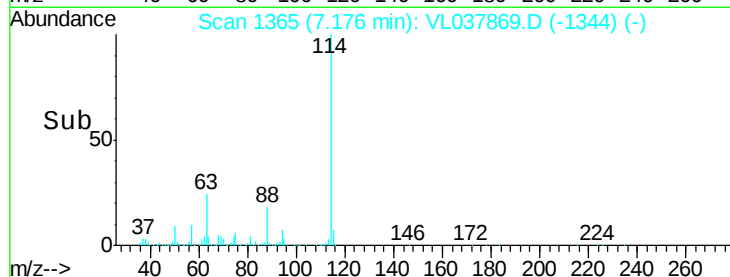
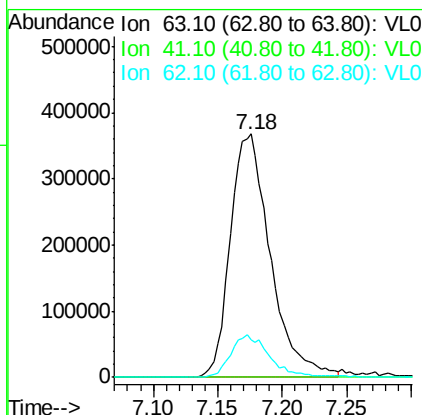
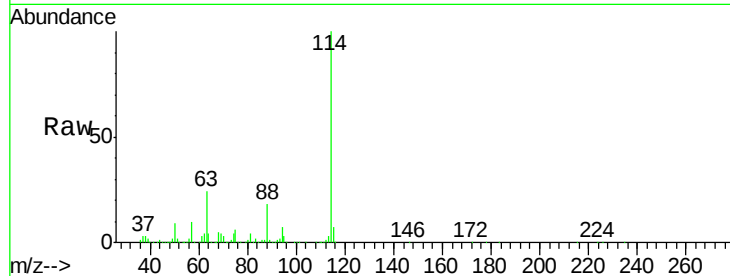
Tgt Ion: 114 Resp: 3437985
Ion Ratio Lower Upper
114 100
63 23.7 19.4 29.2
88 17.5 14.4 21.6





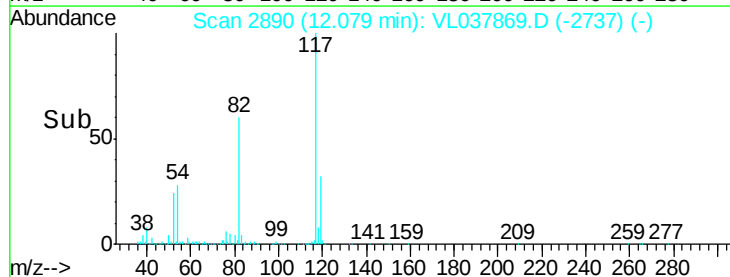
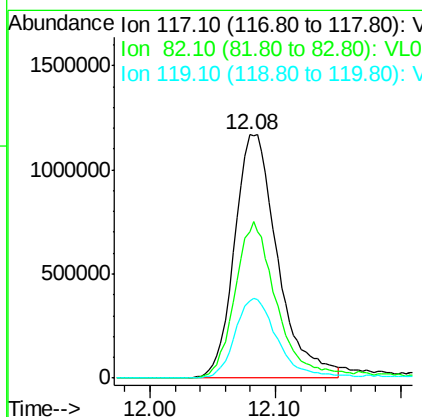
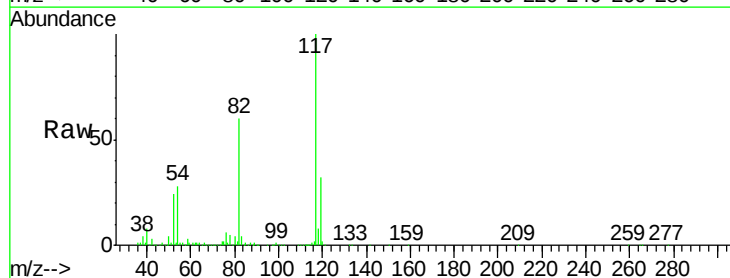
#39
 1,2-Dichloropropane
 Concen: 7.197 ppbv
 RT: 7.18
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 1:35

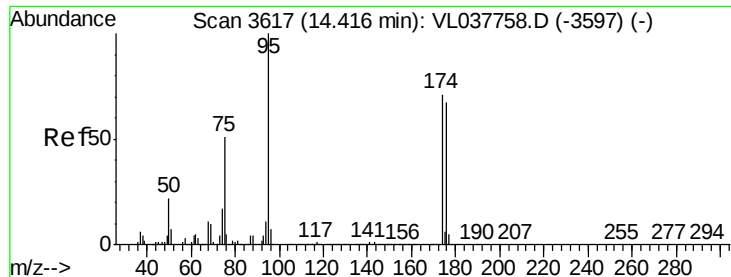
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	15.4	54.6	82.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T.: -0.01 min
 Lab File: VL037869.D
 Acq: 19 Oct 2021 1:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.5	52.2	78.2
119	34.3	26.0	39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.078 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 1:35

Tgt Ion: 95 Resp: 1958265

Ion Ratio Lower Upper

95 100

174 76.2 57.8 86.6

175 5.8 4.7 7.1

