

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102021\
 Data File : VL037884.D
 Acq On : 20 Oct 2021 12:45
 Operator : SY/AP
 Sample : CAN 10602
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10602

Quant Time: Oct 21 01:31:39 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	5.67	49	1071064	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3132971	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2586522	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1839613	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

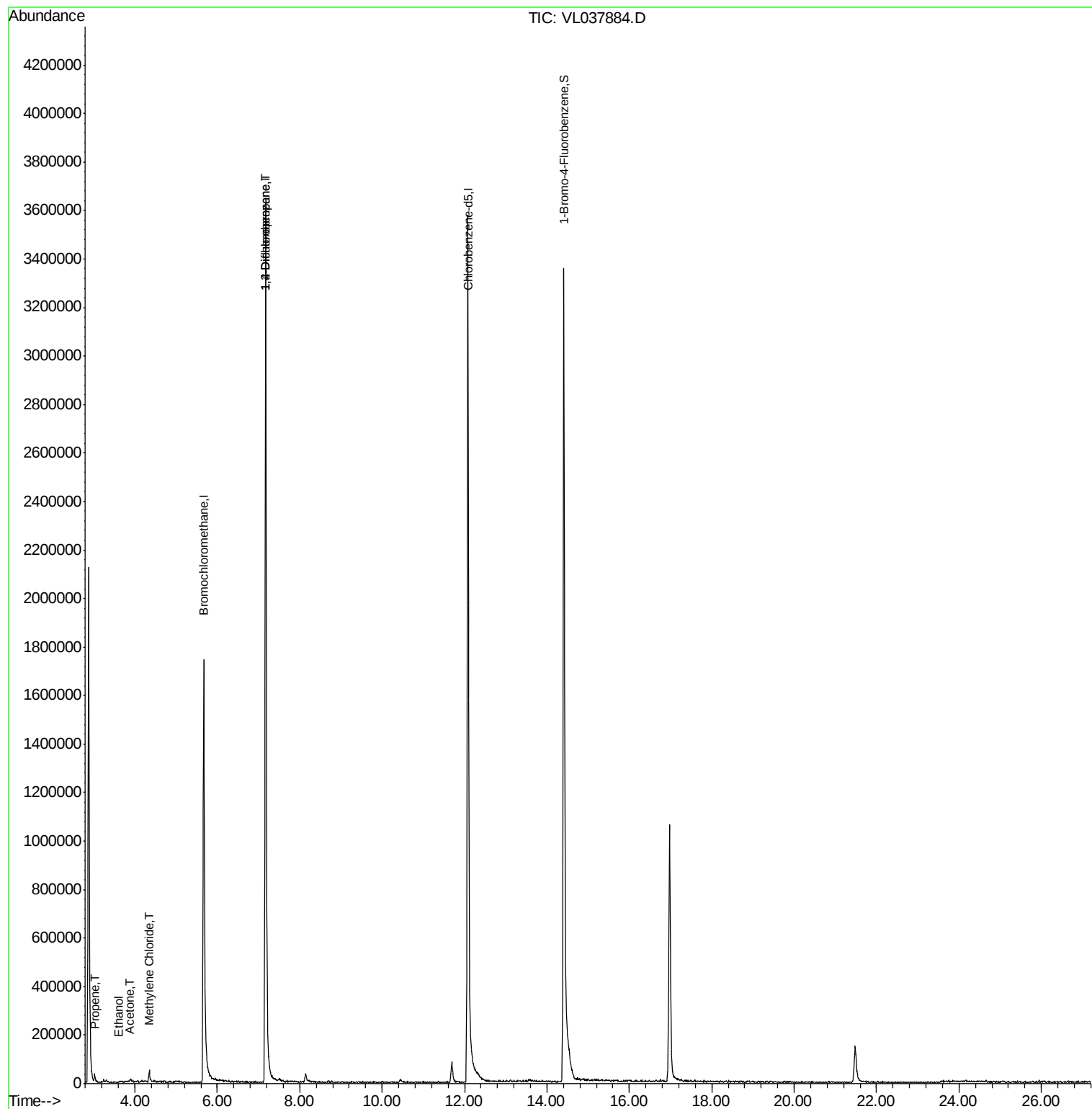
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	9956	0.131	ppbv	87
13) Ethanol	3.62	45	326	0.053	ppbv #	27
15) Acetone	3.88	43	6630	0.069	ppbv #	46
20) Methylene Chloride	4.35	84	7776	0.160	ppbv #	76
39) 1,2-Dichloropropane	7.17	63	754606	7.497	ppbv #	27

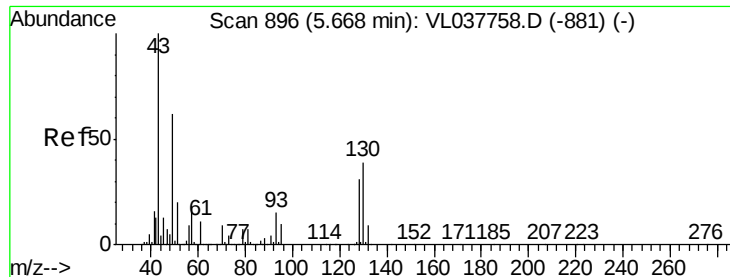
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10602

Acq: 20 Oct 2021 12:45

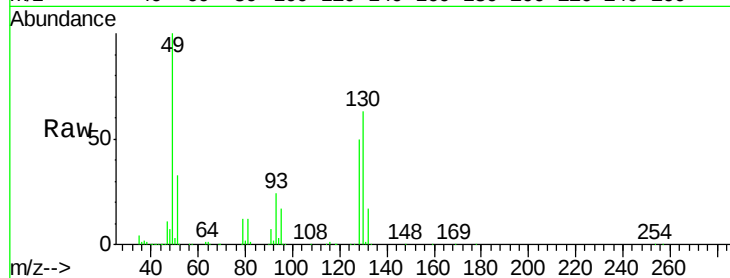
Tgt Ion: 49 Resp: 1071064

Ion Ratio Lower Upper

49 100

128 53.6 27.1 81.3

130 69.3 33.2 99.6



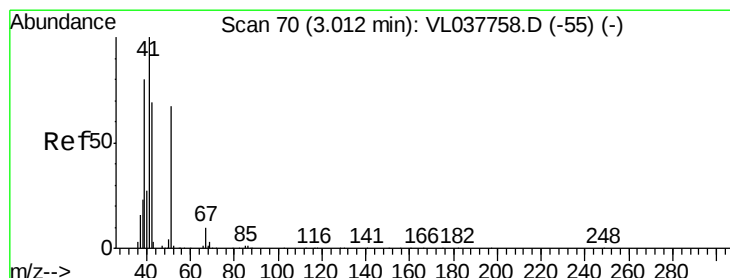
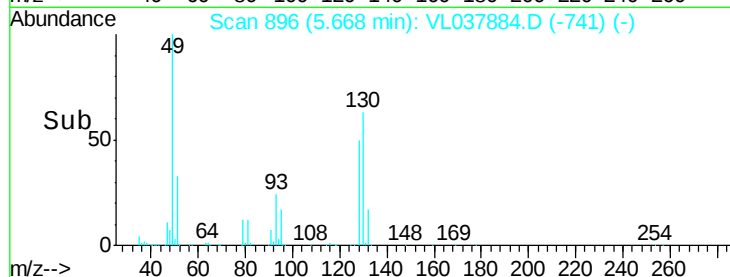
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



#9

Propene

Concen: 0.131 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL037884.D

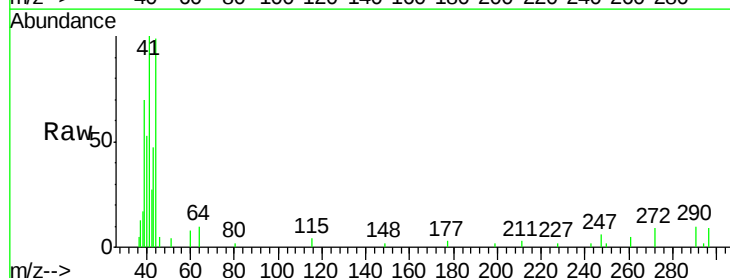
Acq: 20 Oct 2021 12:45

Tgt Ion: 41 Resp: 9956

Ion Ratio Lower Upper

41 100

42 57.1 54.2 81.2

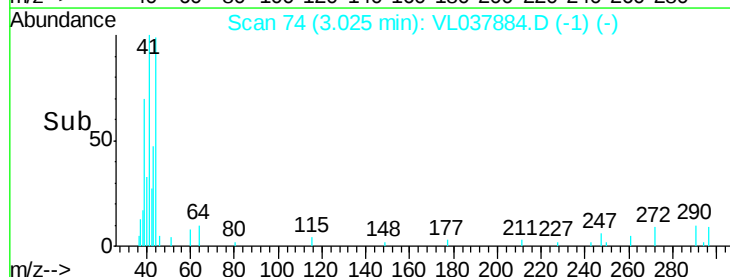


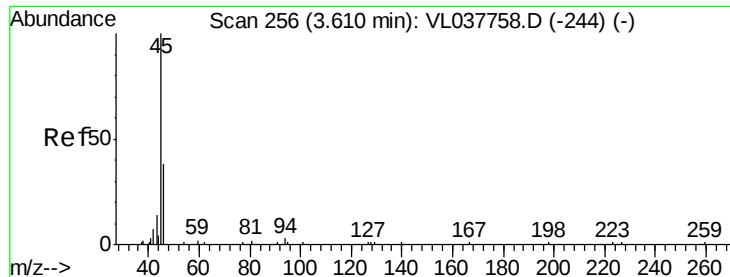
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

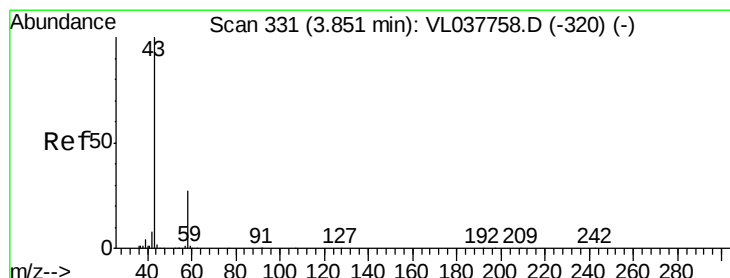
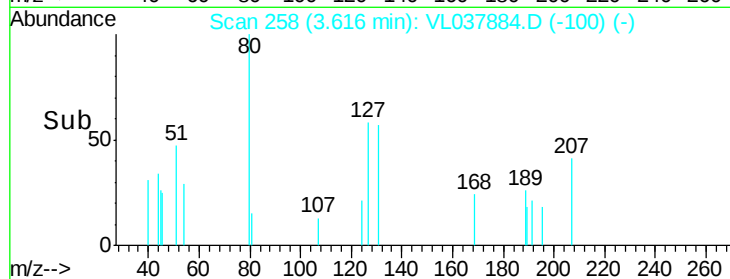
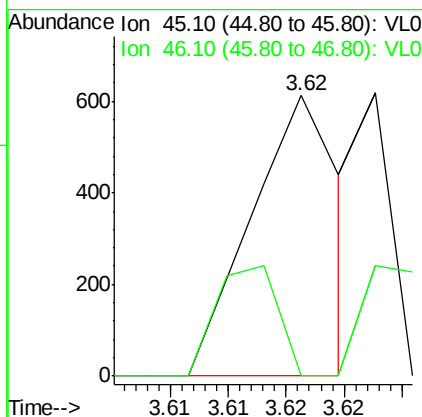
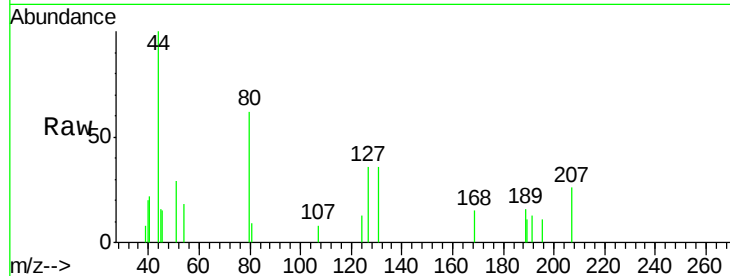
Time-->





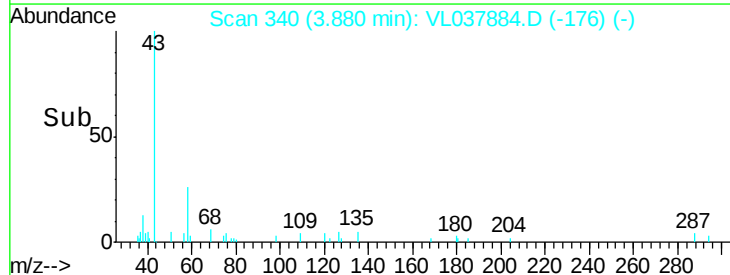
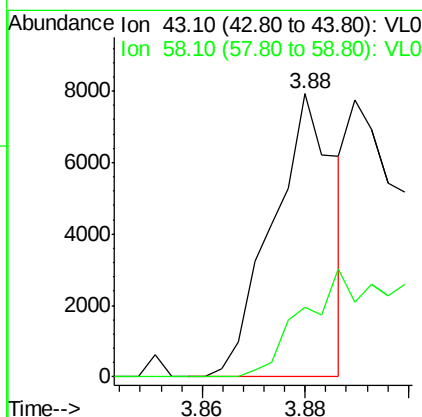
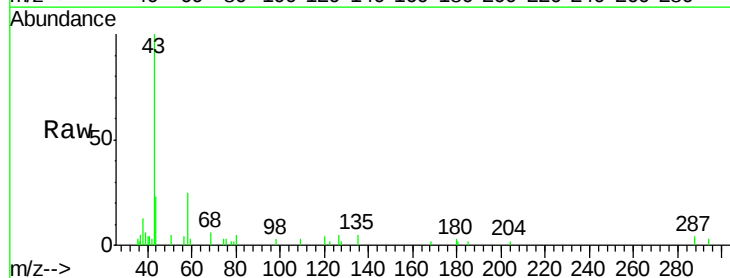
#13
Ethanol
Concen: 0.053 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 12:45

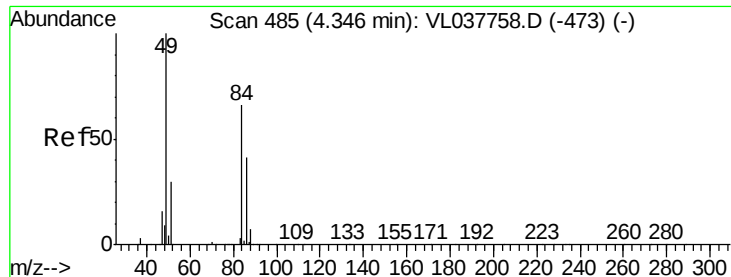
Tgt Ion: 45 Resp: 326
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#



#15
Acetone
Concen: 0.069 ppbv
RT: 3.88 min Scan# 340
Delta R.T. 0.03 min
Lab File: VL037884.D
Acq: 20 Oct 2021 12:45

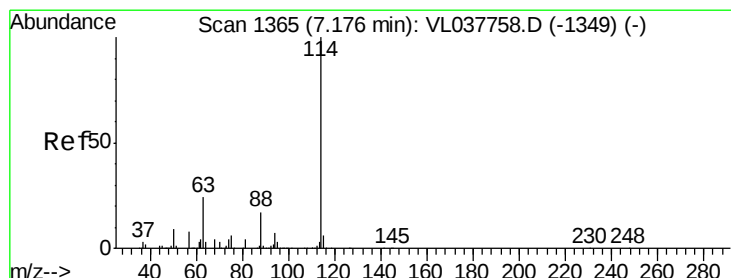
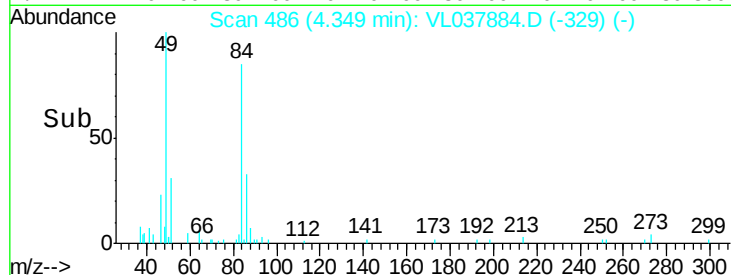
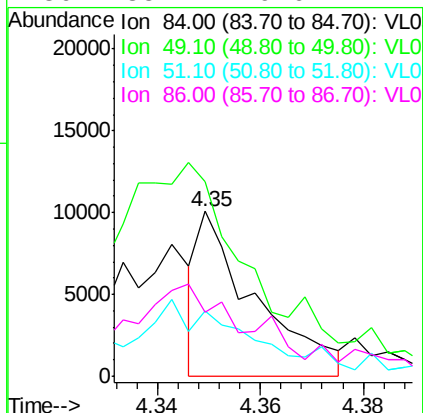
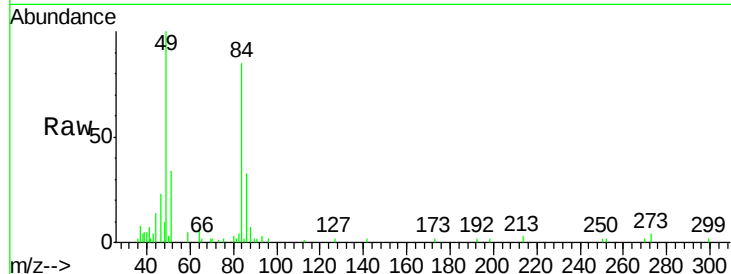
Tgt Ion: 43 Resp: 6630
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#





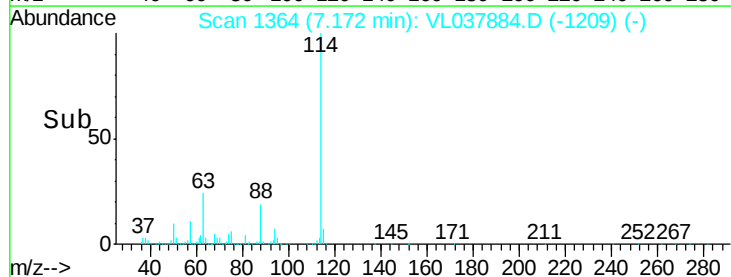
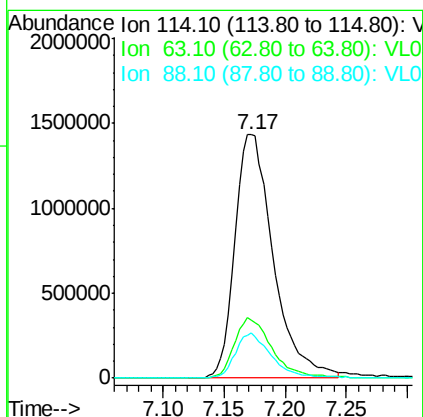
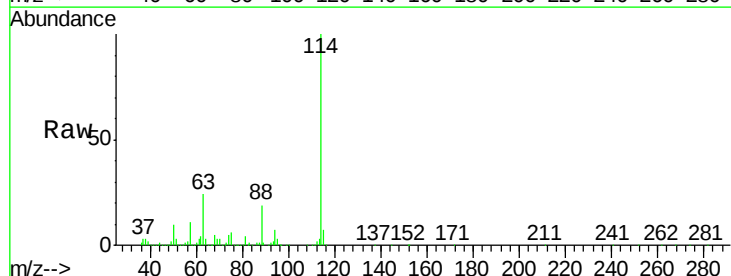
#20
Methylene Chloride
Concen: 0.160 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
CAN 10602
Acq: 20 Oct 2021 12:45

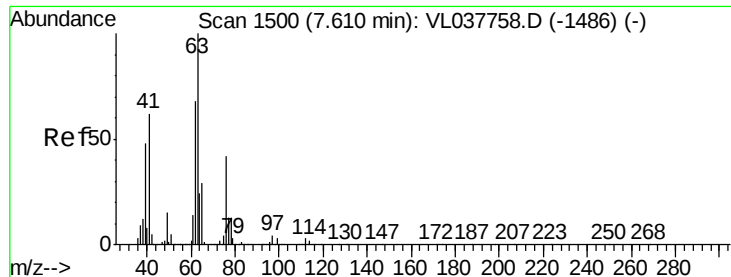
Tgt Ion:	84	Resp:	7776
Ion	Ratio	Lower	Upper
84	100		
49	120.6	120.7	181.1#
51	37.6	36.2	54.4
86	35.7	49.6	74.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL037884.D
Acq: 20 Oct 2021 12:45

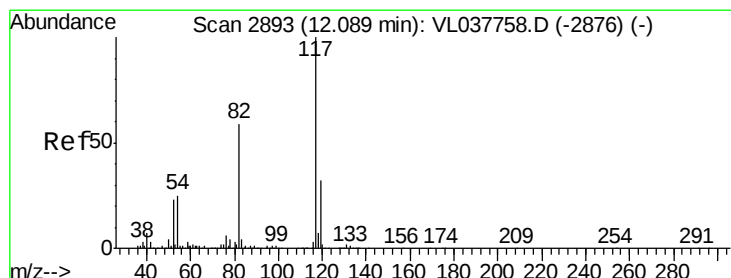
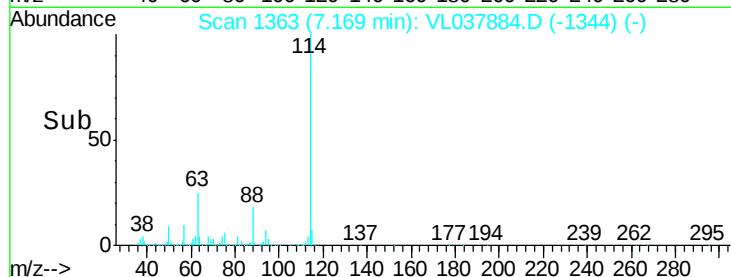
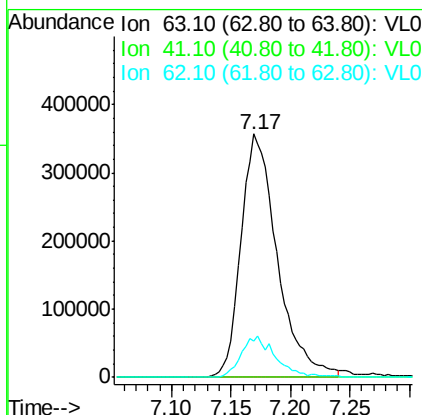
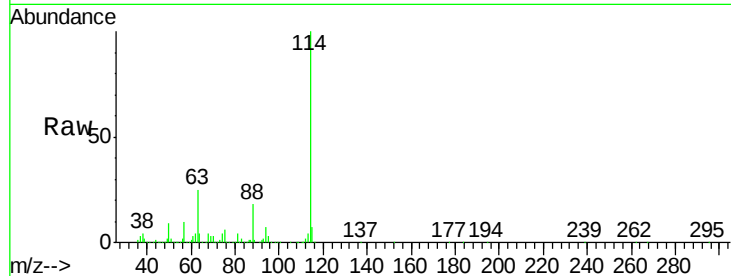
Tgt Ion:	114	Resp:	3132971
Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.4	29.2
88	17.8	14.4	21.6





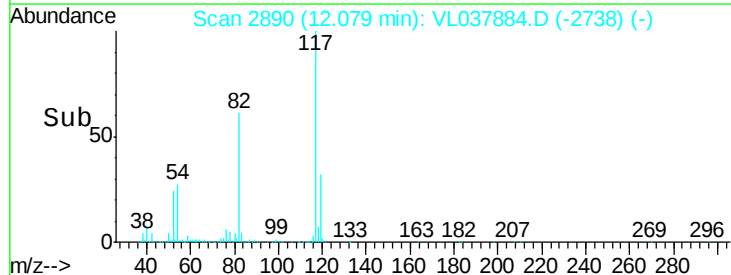
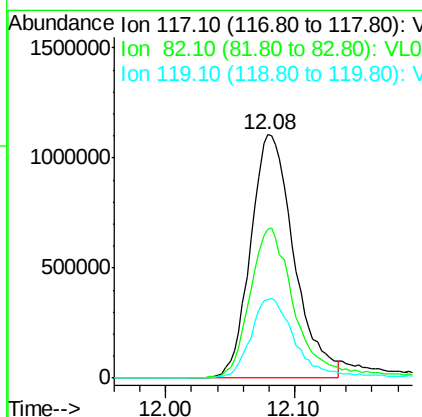
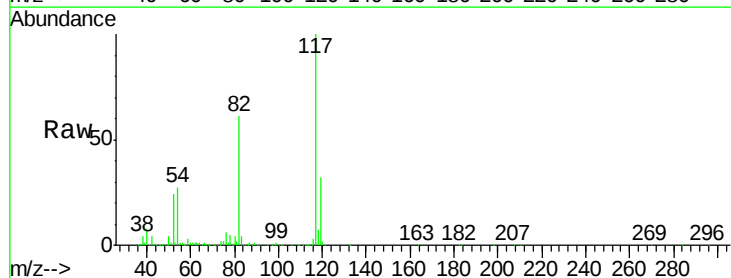
#39
 1,2-Dichloropropane
 Concen: 7.497 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 12:45

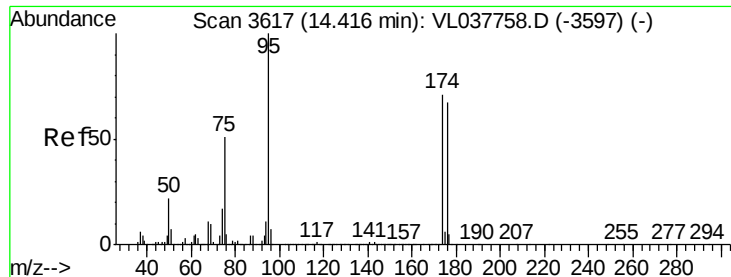
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.8	74.6#
62	14.9	54.6	82.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. -0.01 min
 Lab File: VL037884.D
 Acq: 20 Oct 2021 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.4	52.2	78.2
119	35.3	26.0	39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.171 ppbv

RT: 14.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 12.45

Tgt Ion: 95 Resp: 1839613

Ion Ratio Lower Upper

95 100

174 76.6 57.8 86.6

175 5.5 4.7 7.1

