

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102021\
 Data File : VL037885.D
 Acq On : 20 Oct 2021 13:23
 Operator : SY/AP
 Sample : QC101221 CAN 10605
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102021 CAN 10605

Quant Time: Oct 21 01:31:46 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	5.66	49	1074158	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3167389	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2658298	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1867736	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

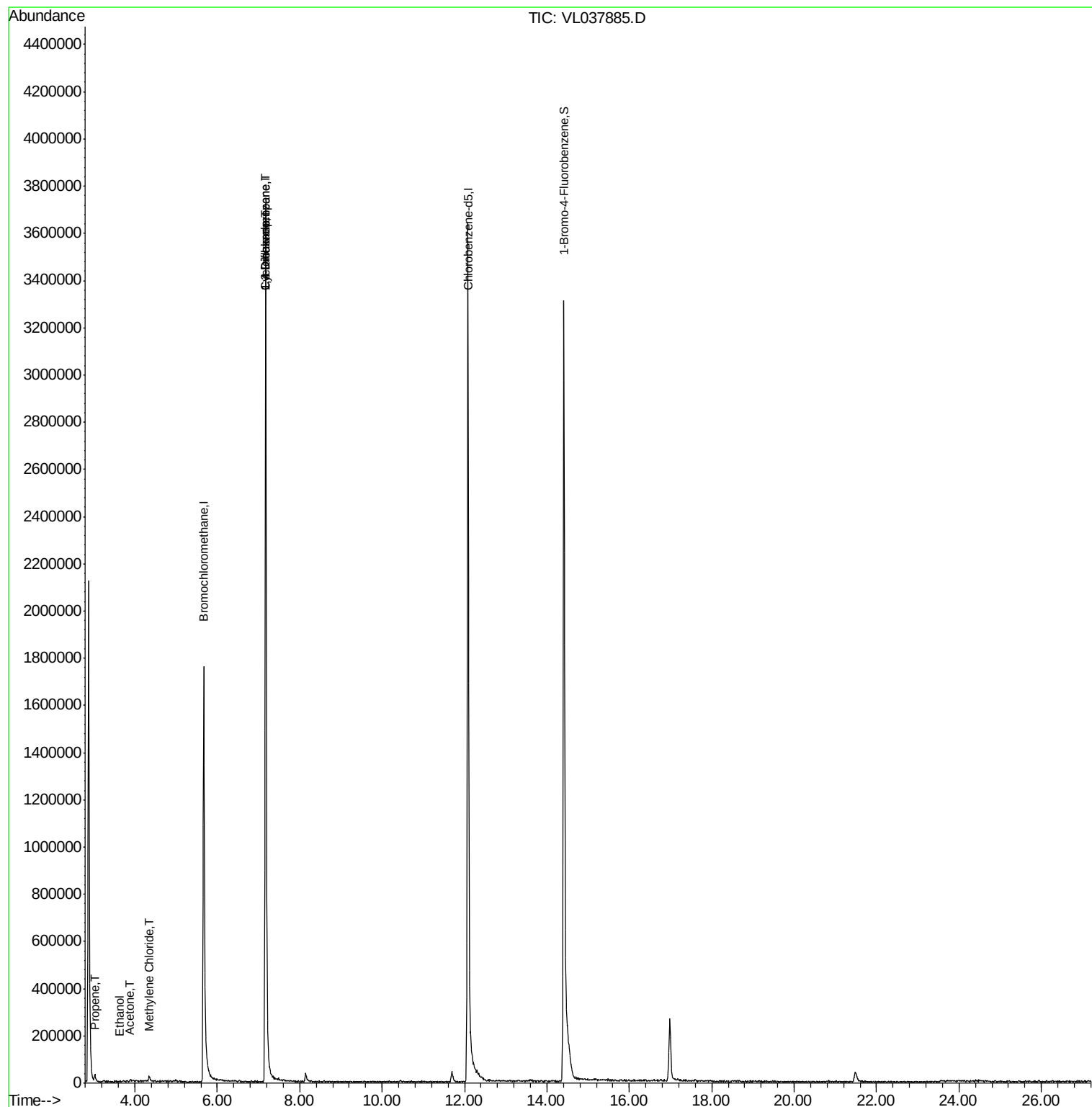
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	3340	0.044	ppbv #	16
13) Ethanol	3.62	45	542	0.087	ppbv #	27
15) Acetone	3.89	43	3052	0.032	ppbv #	1
20) Methylene Chloride	4.34	84	4136	0.085	ppbv #	63
30) Cyclohexane	7.16	84	6489	0.057	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	730948	7.183	ppbv #	27

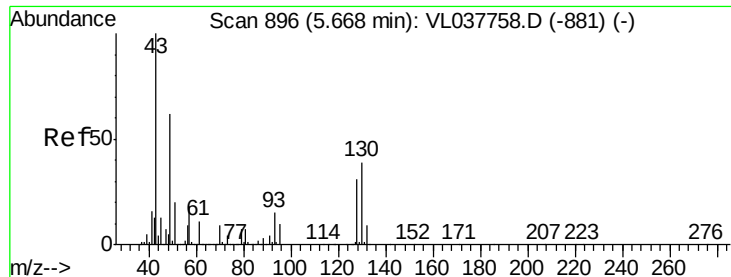
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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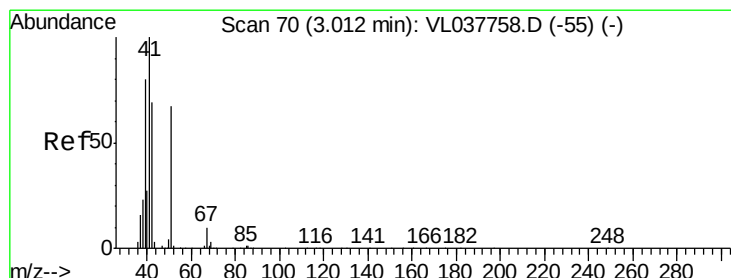
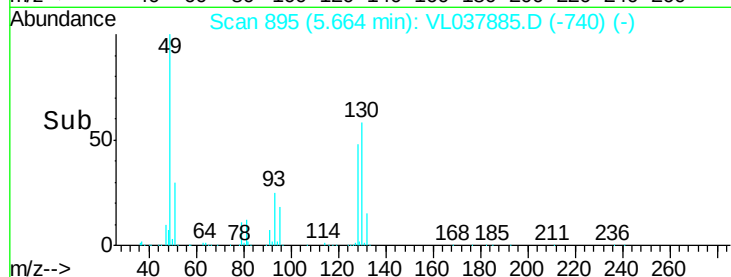
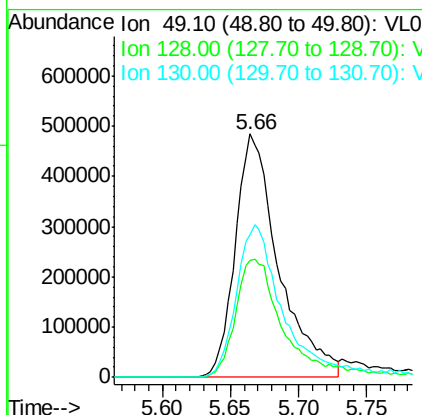
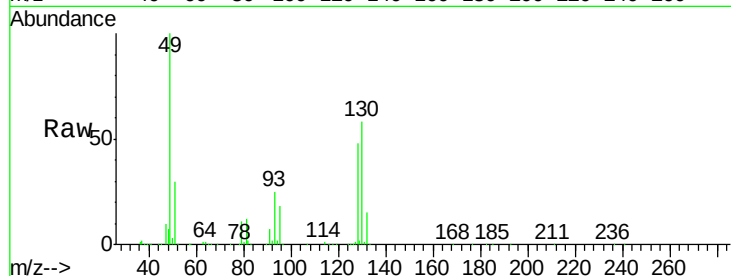
Quant Time: Oct 21 01:31:46 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
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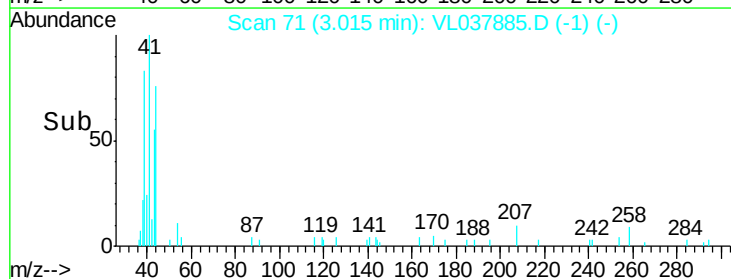
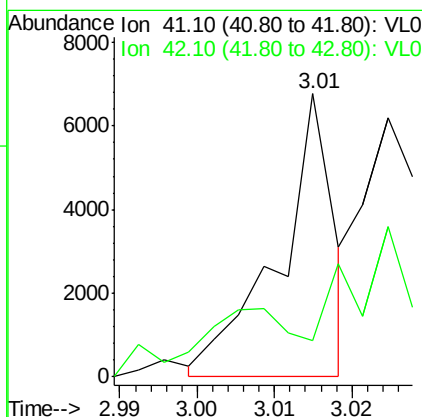
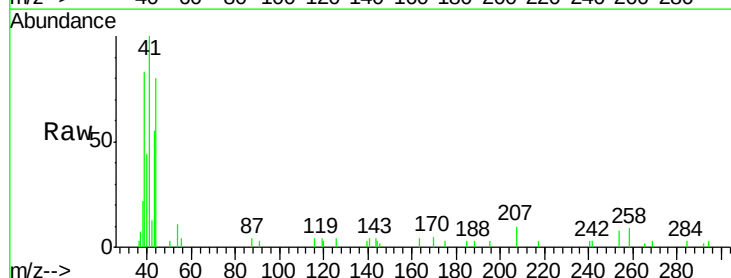
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 13:23

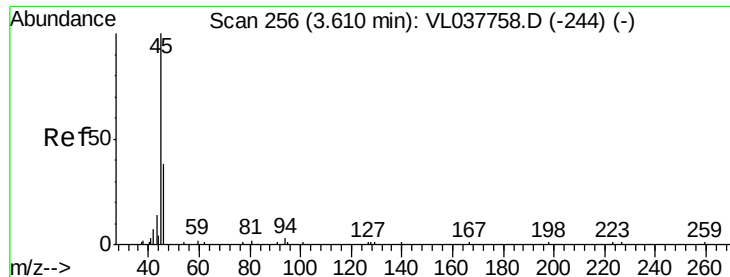
Tgt Ion: 49 Resp: 1074158
 Ion Ratio Lower Upper
 49 100
 128 56.6 27.1 81.3
 130 70.6 33.2 99.6



#9
 Propene
 Concen: 0.044 ppbv
 RT: 3.01 min Scan# 71
 Delta R.T.: 0.00 min
 Lab File: VL037885.D
 Acq: 20 Oct 2021 13:23

Tgt Ion: 41 Resp: 3340
 Ion Ratio Lower Upper
 41 100
 42 0.0 54.2 81.2#





#13

Ethanol

Concen: 0.087 ppbv

RT: 3.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

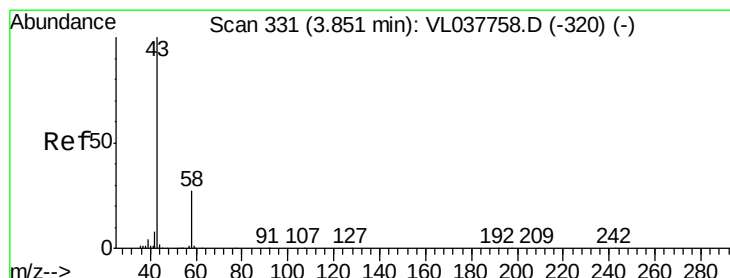
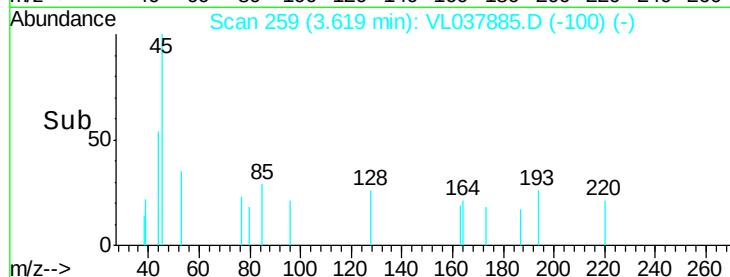
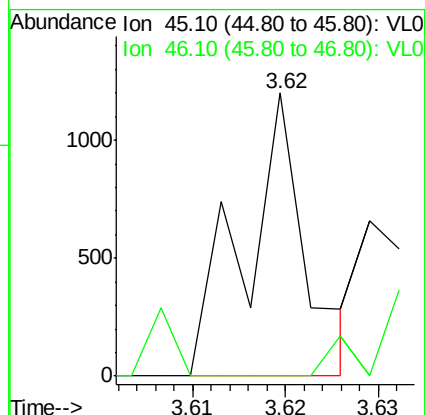
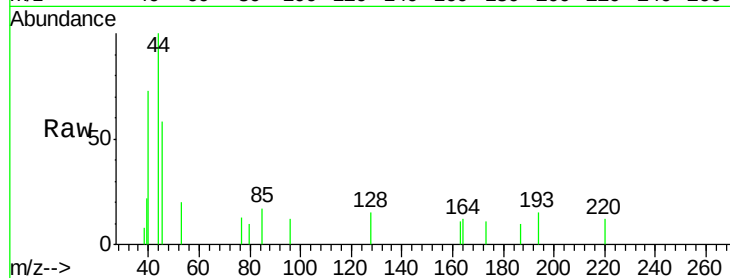
Acq: 20 Oct 2021 13:23 QC102021 CAN 10605

Tgt Ion: 45 Resp: 542

Ion Ratio Lower Upper

45 100

46 0.0 20.2 81.0#



#15

Acetone

Concen: 0.032 ppbv

RT: 3.89 min Scan# 342

Delta R.T. 0.04 min

Lab File: VL037885.D

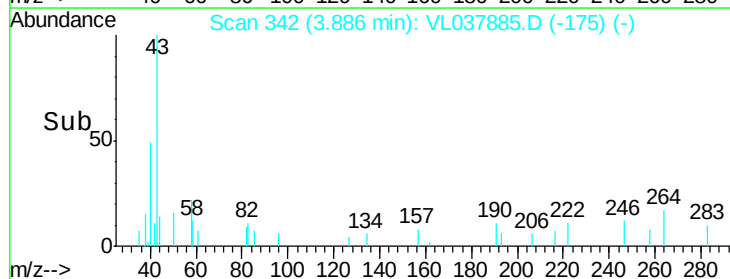
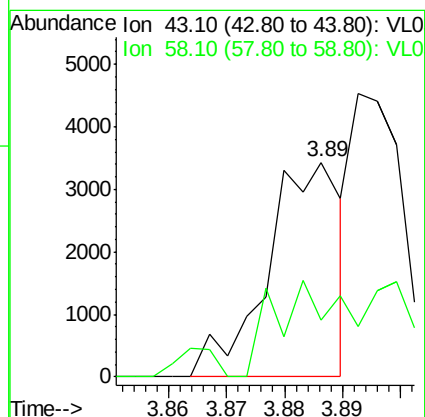
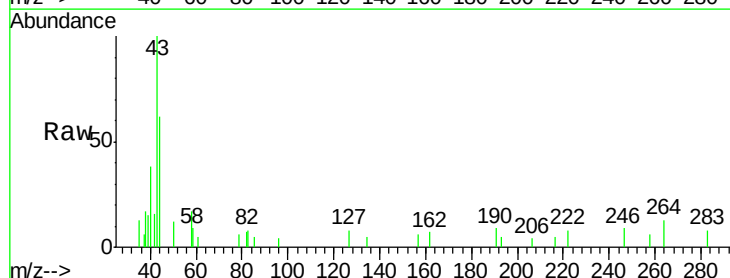
Acq: 20 Oct 2021 13:23

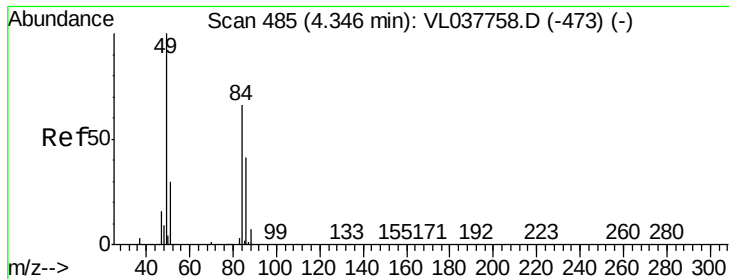
Tgt Ion: 43 Resp: 3052

Ion Ratio Lower Upper

43 100

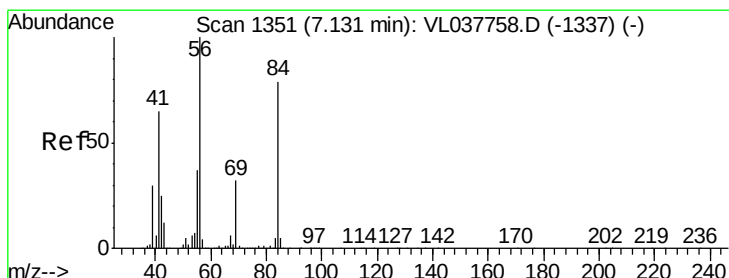
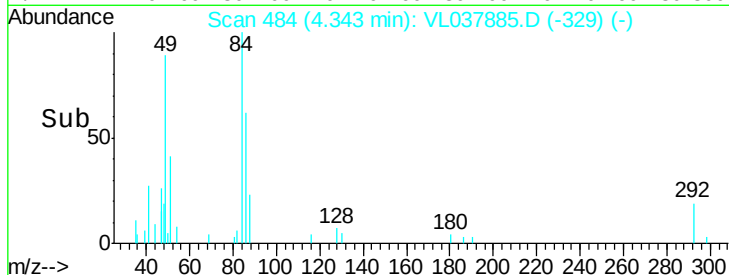
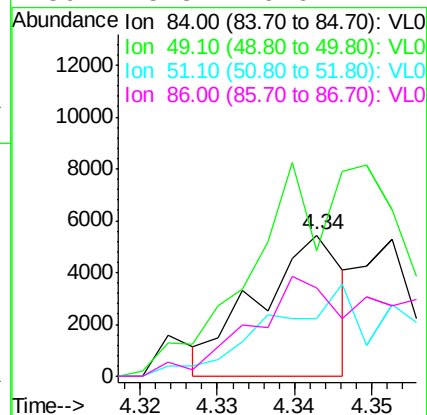
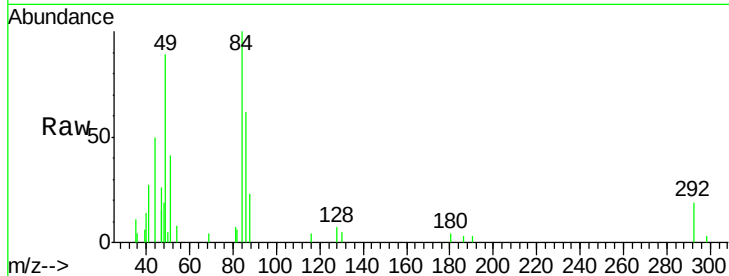
58 114.5 23.0 34.6#





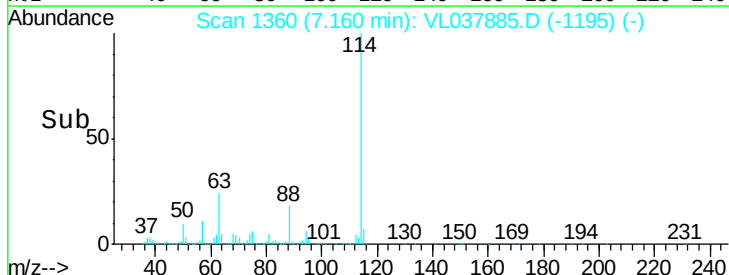
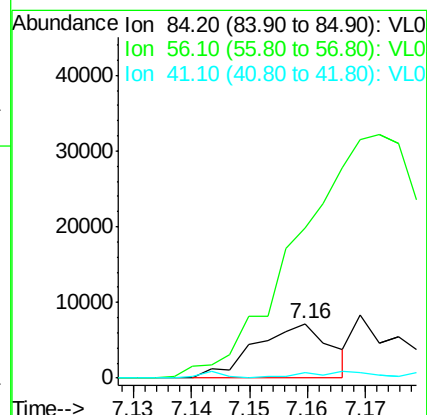
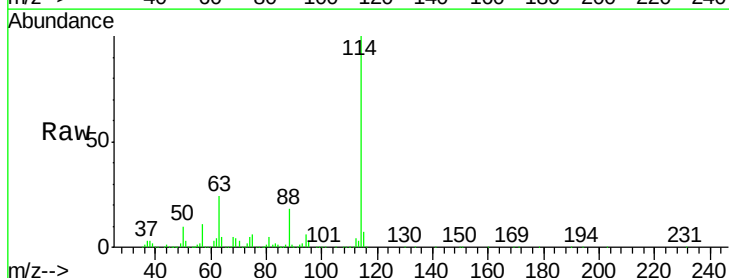
#20
Methylene Chloride
Concen: 0.085 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: QC102021 CAN 10605
Acq: 20 Oct 2021 13:23

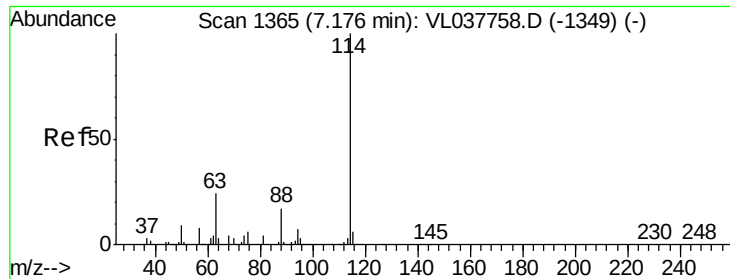
Tgt Ion:	84	Resp:	4136
Ion	Ratio	Lower	Upper
84	100		
49	83.5	120.7	181.1#
51	34.2	36.2	54.4#
86	73.3	49.6	74.4



#30
Cyclohexane
Concen: 0.057 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.03 min
Lab File: VL037885.D
Acq: 20 Oct 2021 13:23

Tgt Ion:	84	Resp:	6489
Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.0	169.4#
41	20.3	69.1	103.7#

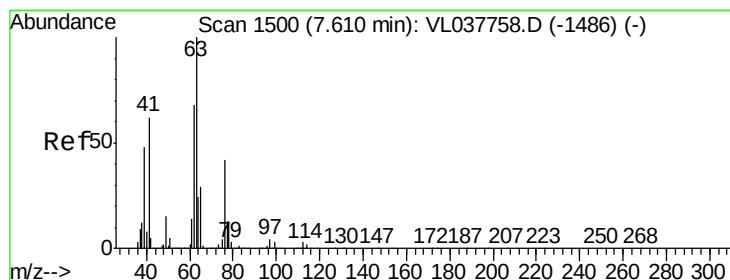
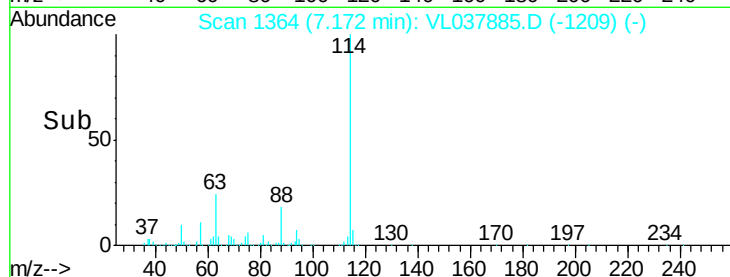
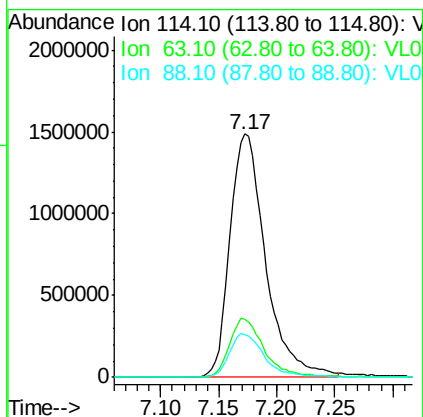
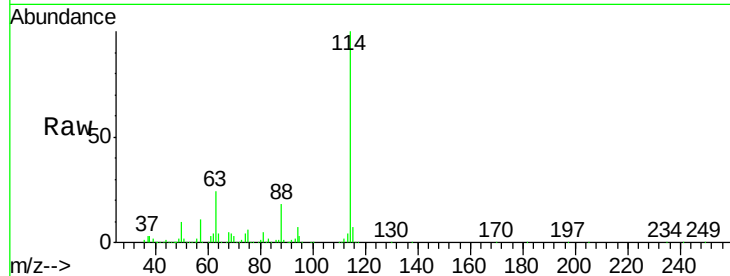




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 13:23

Tgt Ion: 114 Resp: 3167389

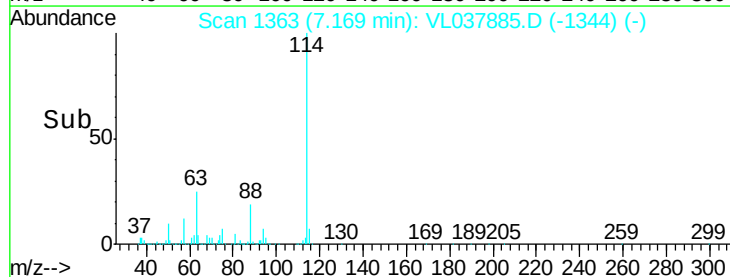
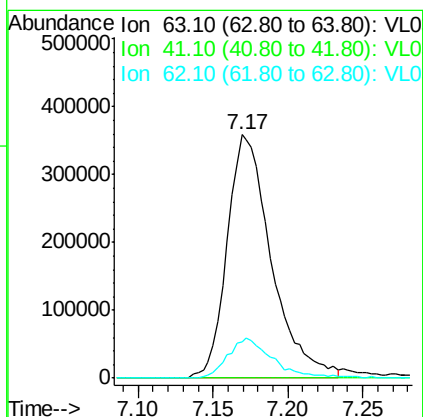
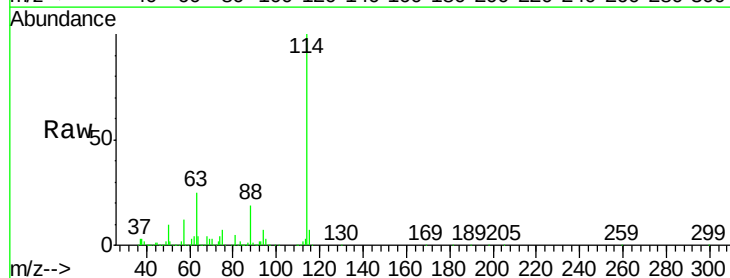
Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.4	29.2
88	17.8	14.4	21.6

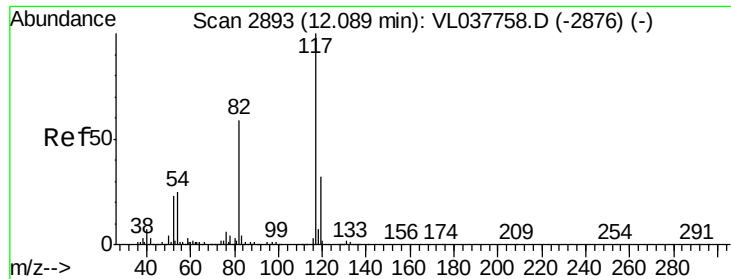


#39
 1,2-Dichloropropane
 Concen: 7.183 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.44 min
 Lab File: VL037885.D
 Acq: 20 Oct 2021 13:23

Tgt Ion: 63 Resp: 730948

Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	14.7	54.6	82.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 13:23

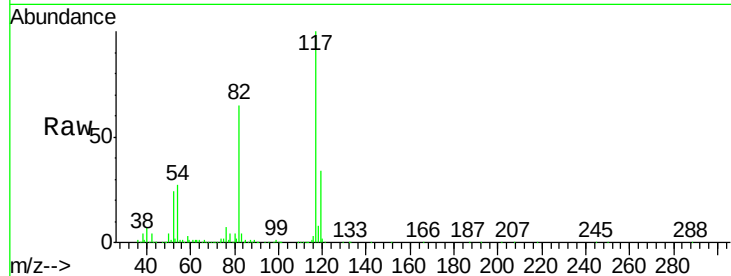
Tgt Ion: 117 Resp: 2658298

Ion Ratio Lower Upper

117 100

82 65.0 52.2 78.2

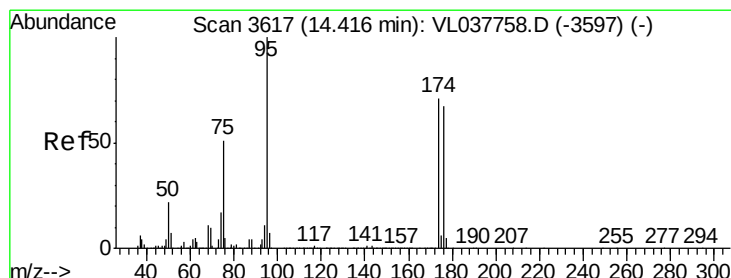
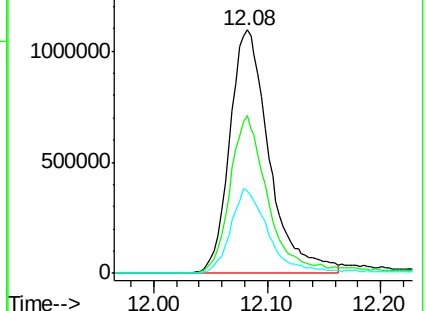
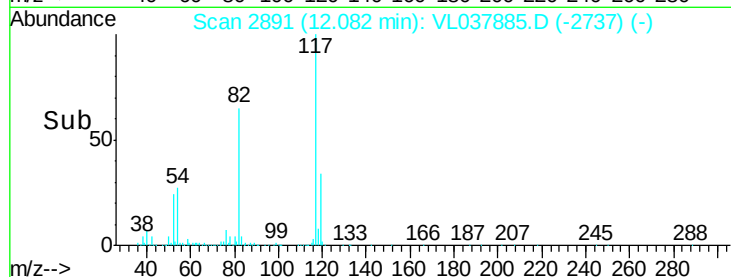
119 35.3 26.0 39.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.047 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL037885.D

Acq: 20 Oct 2021 13:23

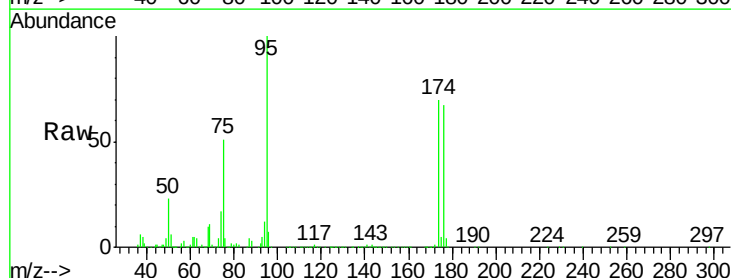
Tgt Ion: 95 Resp: 1867736

Ion Ratio Lower Upper

95 100

174 76.5 57.8 86.6

175 5.6 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

