

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102021\
 Data File : VL037883.D
 Acq On : 20 Oct 2021 12:07
 Operator : SY/AP
 Sample : CAN 10269
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10269

Quant Time: Oct 21 01:31:31 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	1099301	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3216401	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2660400	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1856392	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

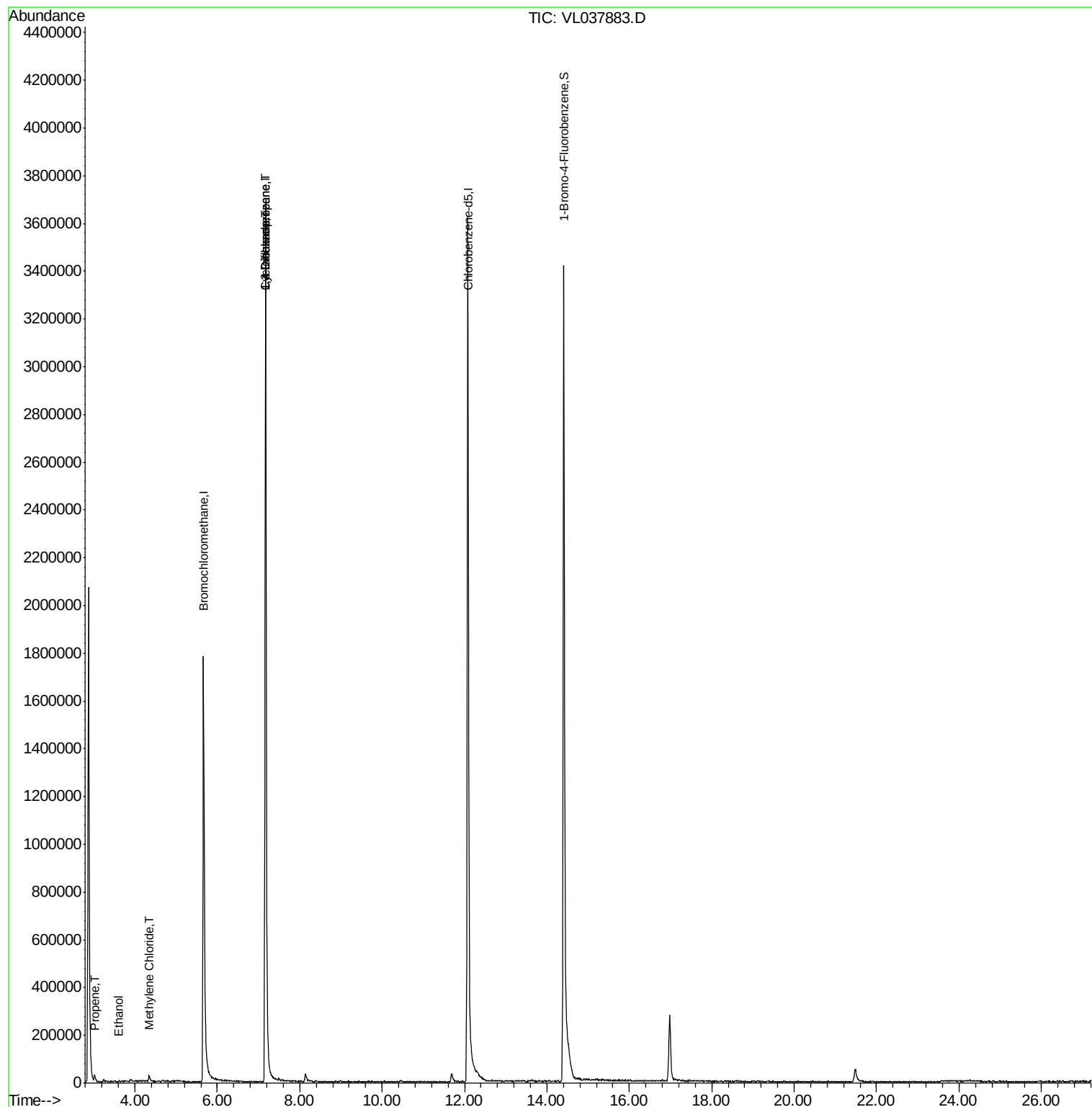
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	7676	0.099	ppbv #	81
13) Ethanol	3.61	45	268	0.042	ppbv #	27
20) Methylene Chloride	4.34	84	8002	0.160	ppbv #	86
30) Cyclohexane	7.16	84	5428	0.047	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	737563	7.138	ppbv #	28

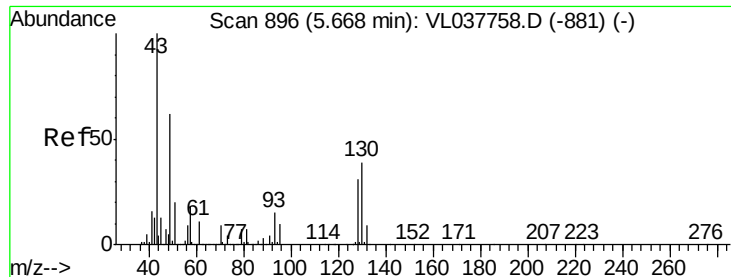
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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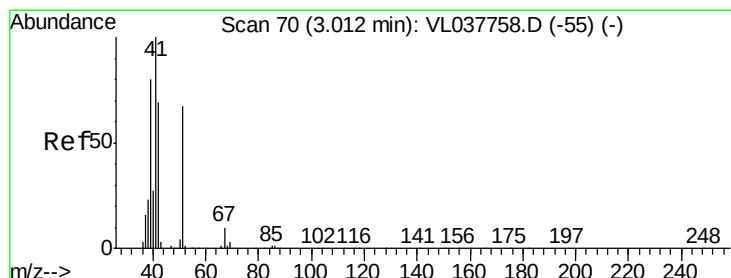
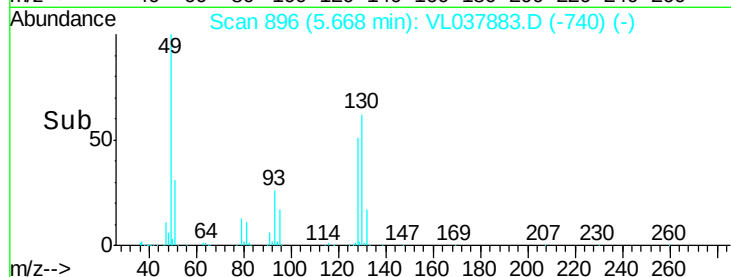
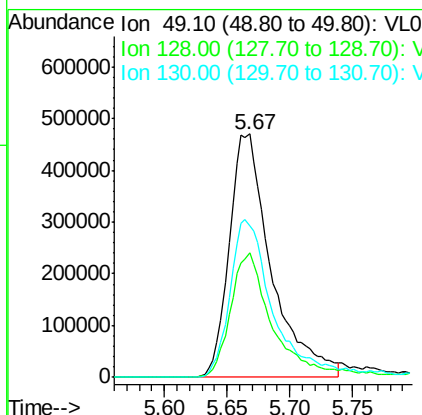
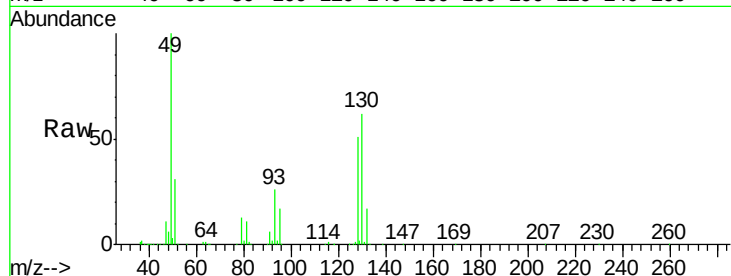
Quant Time: Oct 21 01:31:31 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
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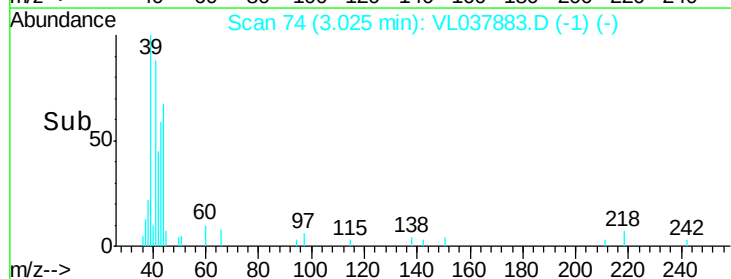
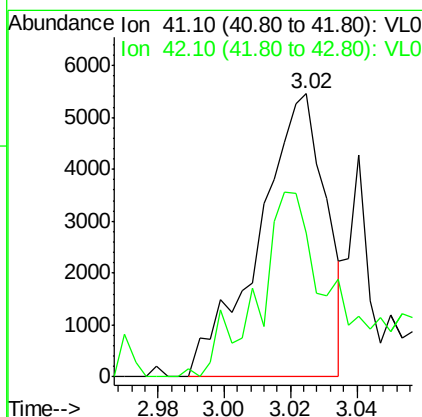
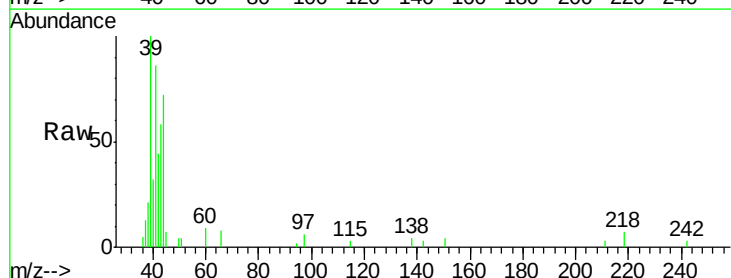
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 12:07

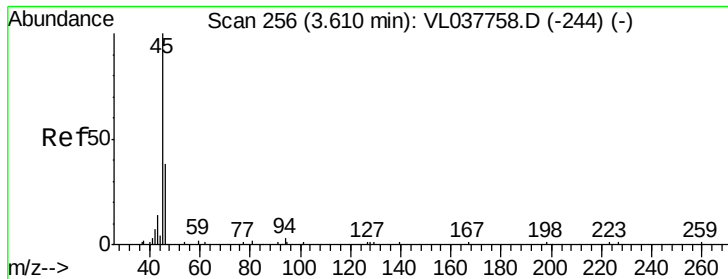
Tgt Ion: 49 Resp: 1099301
 Ion Ratio Lower Upper
 49 100
 128 53.7 27.1 81.3
 130 70.0 33.2 99.6



#9
 Propene
 Concen: 0.099 ppbv
 RT: 3.02 min Scan# 74
 Delta R.T. 0.01 min
 Lab File: VL037883.D
 Acq: 20 Oct 2021 12:07

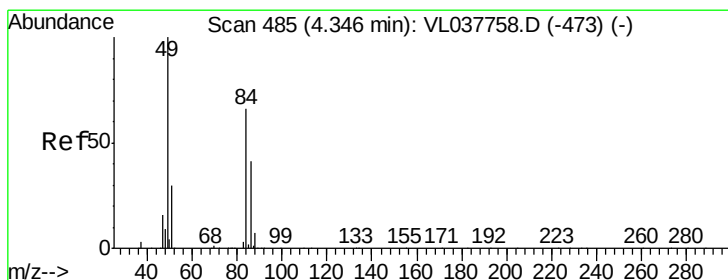
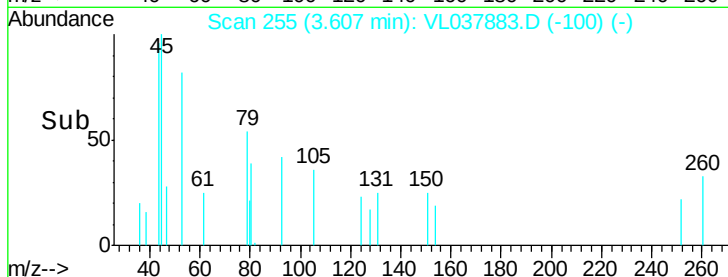
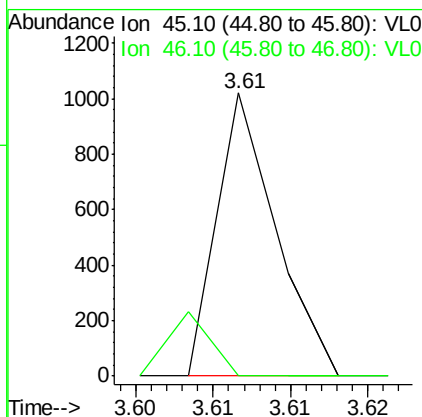
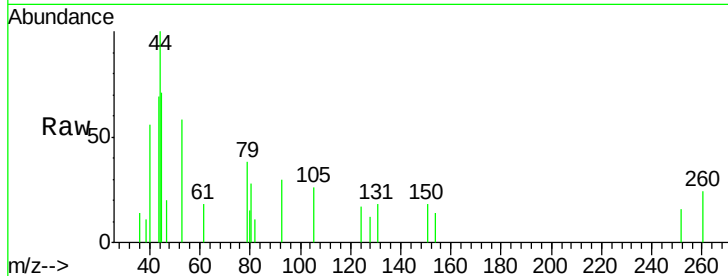
Tgt Ion: 41 Resp: 7676
 Ion Ratio Lower Upper
 41 100
 42 82.8 54.2 81.2#





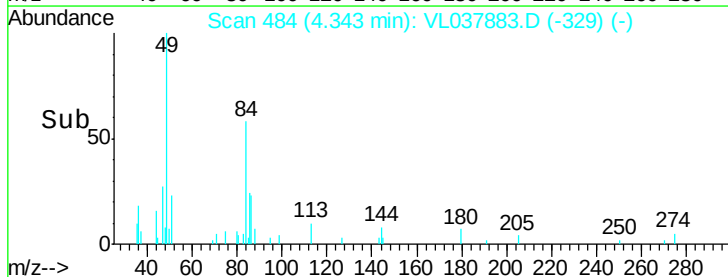
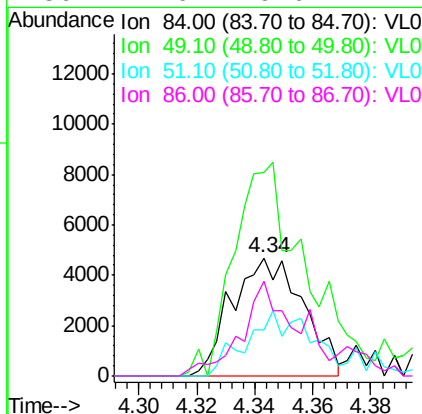
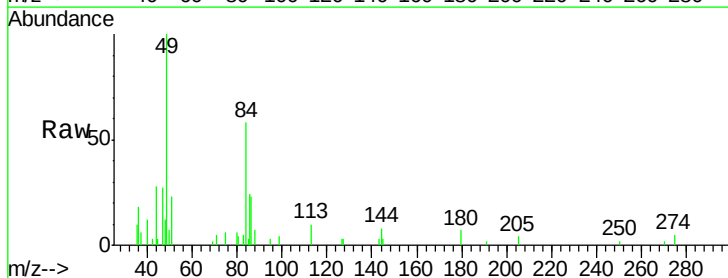
#13
Ethanol
Concen: 0.042 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 12:07

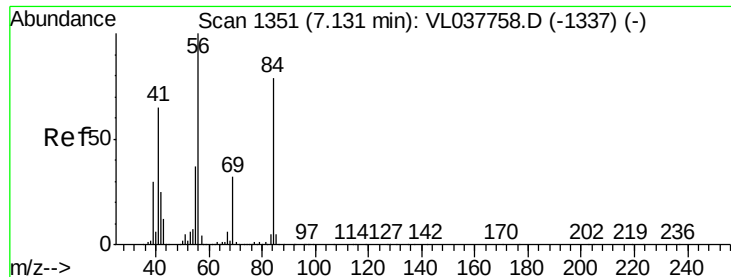
Tgt Ion: 45 Resp: 268
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#



#20
Methylene Chloride
Concen: 0.160 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL037883.D
Acq: 20 Oct 2021 12:07

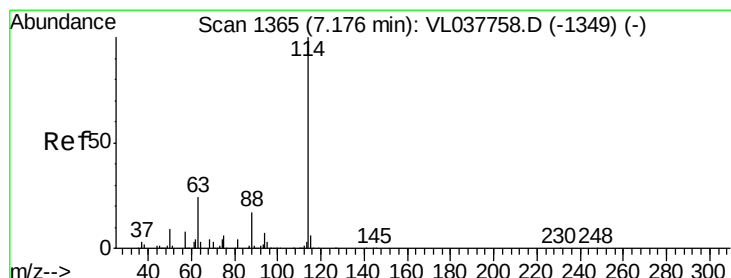
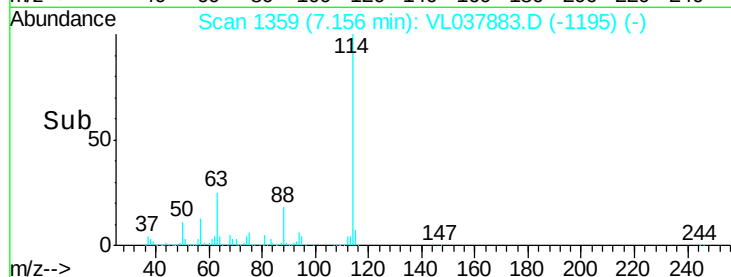
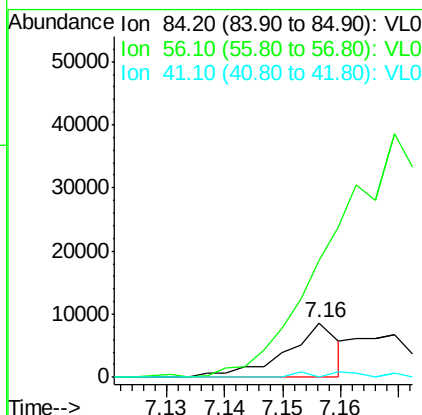
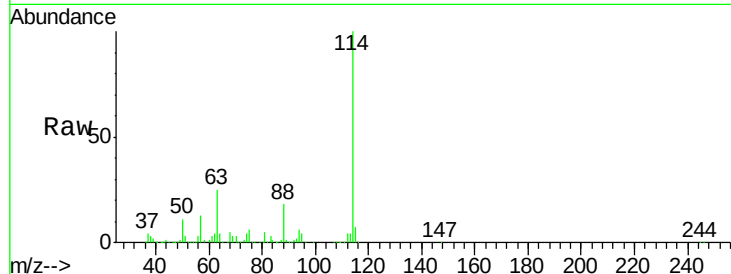
Tgt Ion: 84 Resp: 8002
Ion Ratio Lower Upper
84 100
49 169.2 120.7 181.1
51 39.0 36.2 54.4
86 74.6 49.6 74.4#





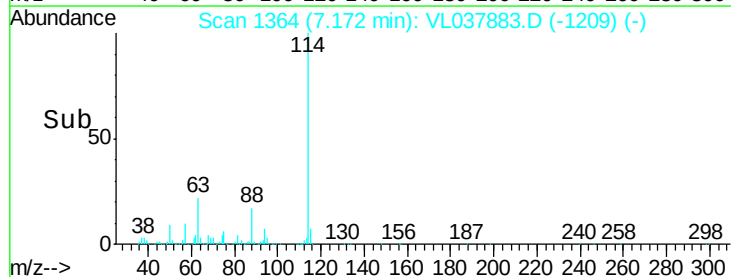
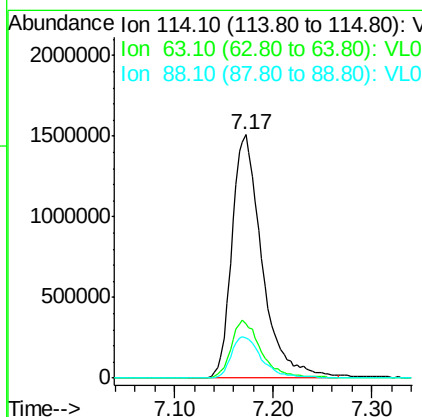
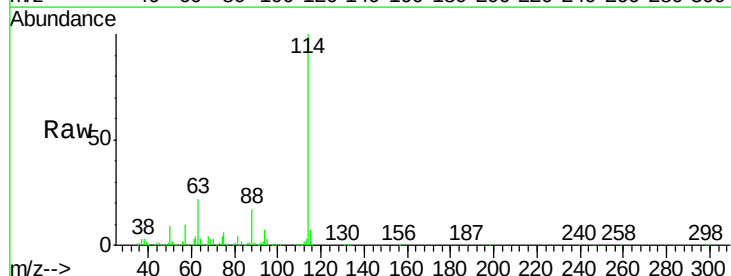
#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 12:07

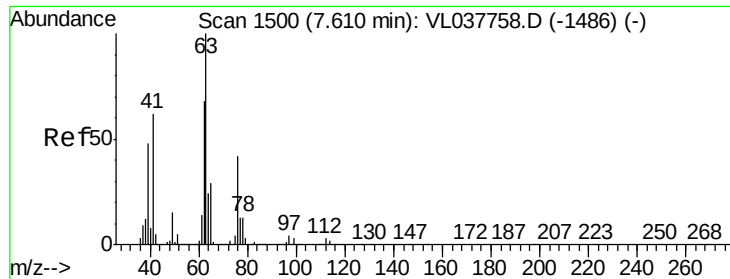
Tgt Ion: 84 Resp: 5428
Ion Ratio Lower Upper
84 100
56 0.0 113.0 169.4#
41 16.2 69.1 103.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL037883.D
Acq: 20 Oct 2021 12:07

Tgt Ion: 114 Resp: 3216401
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.2
88 17.4 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.138 ppbv

RT: 7.17 Instrument:

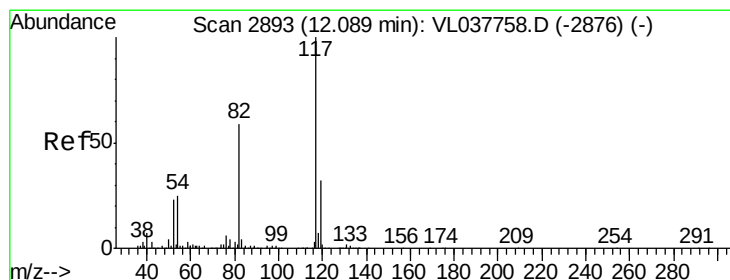
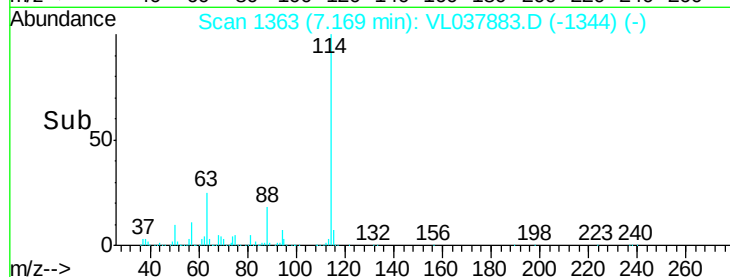
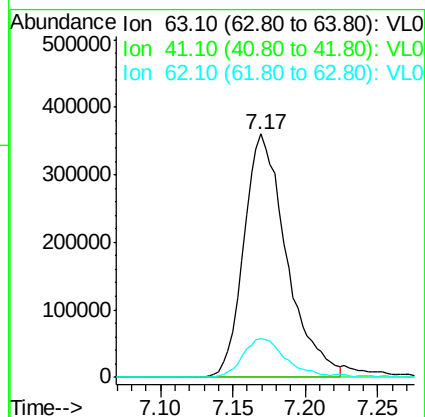
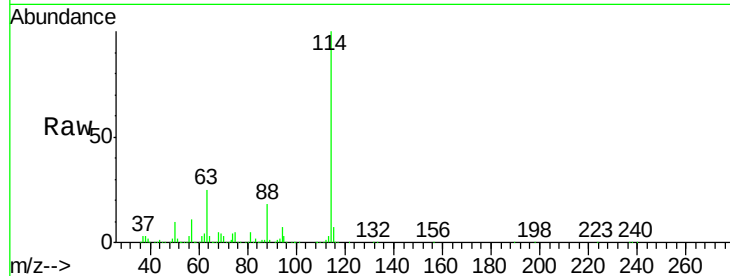
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 12:07

Tgt Ion: 63 Resp: 737563

Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	15.7	54.6	82.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

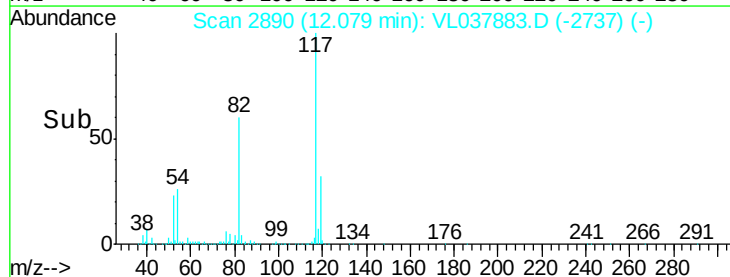
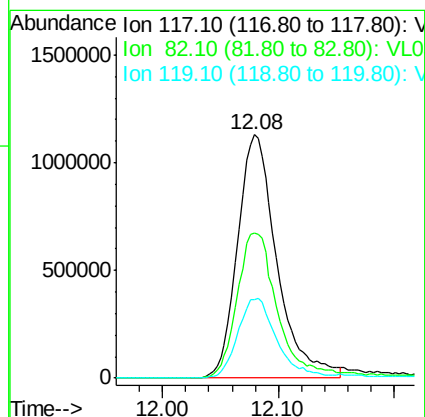
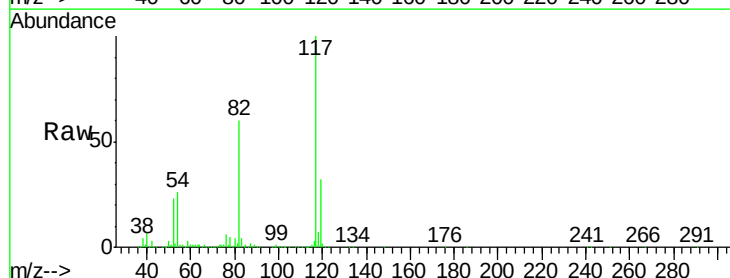
Delta R.T. -0.01 min

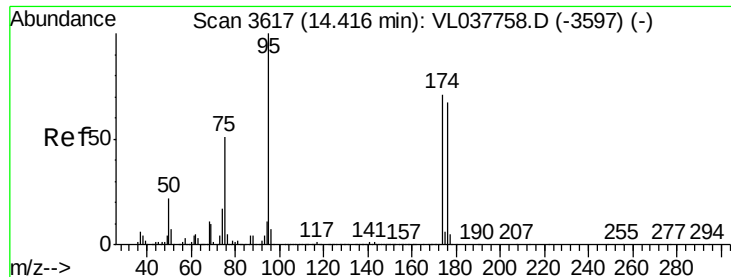
Lab File: VL037883.D

Acq: 20 Oct 2021 12:07

Tgt Ion: 117 Resp: 2660400

Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.2	78.2
119	34.8	26.0	39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.978 ppbv

RT: 14.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 12:07

Tgt Ion: 95 Resp: 1856392

Ion Ratio Lower Upper

95 100

174 75.3 57.8 86.6

175 5.1 4.7 7.1

