

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037868.D
 Acq On : 19 Oct 2021 00:58
 Operator : SY/AP
 Sample : CAN 10306
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10306

Quant Time: Oct 19 08:36:01 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	1111399	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3395397	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2858865	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2019464	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

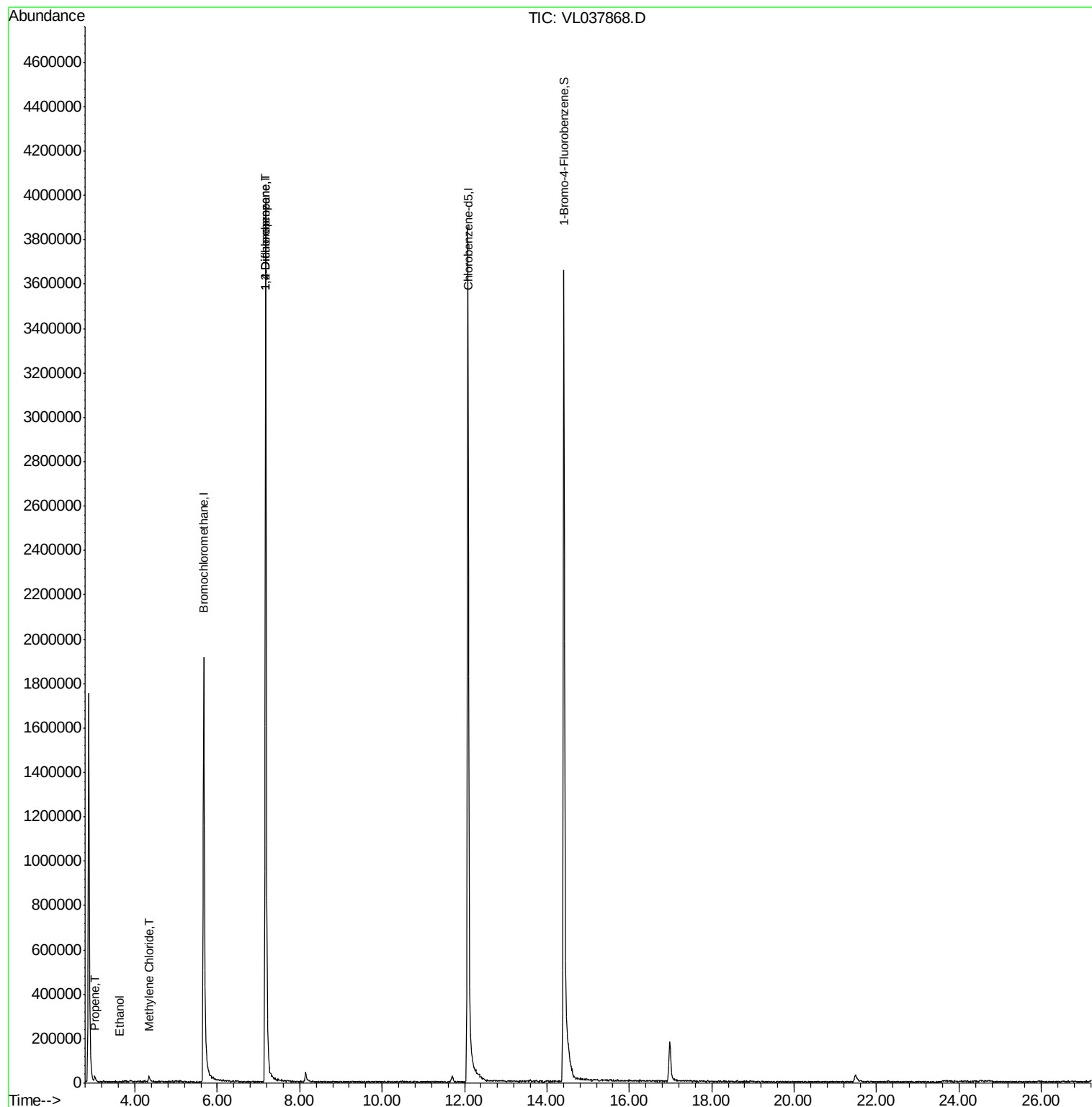
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	5642	0.072	ppbv #	16
13) Ethanol	3.62	45	308	0.048	ppbv #	47
20) Methylene Chloride	4.34	84	7018	0.139	ppbv #	77
39) 1,2-Dichloropropane	7.17	63	797255	7.309	ppbv #	28

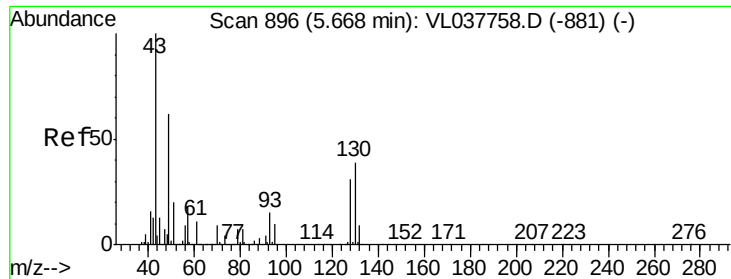
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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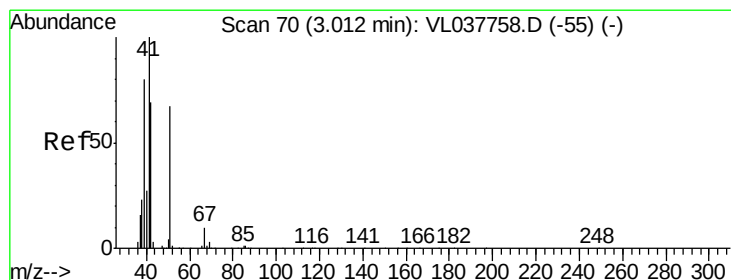
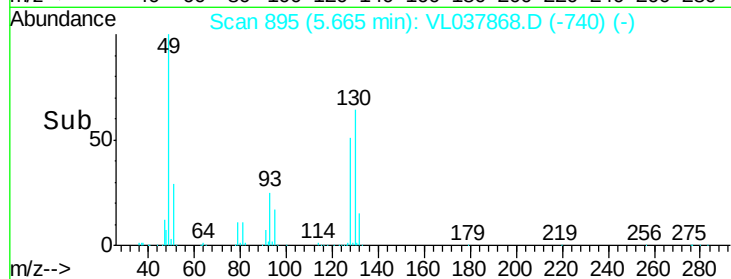
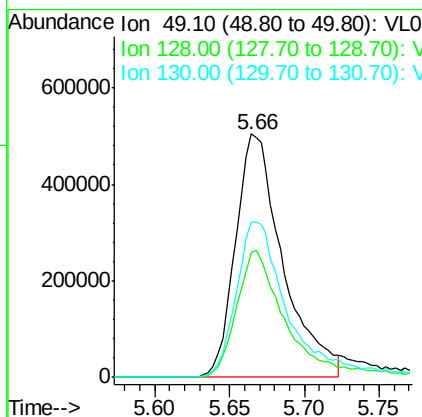
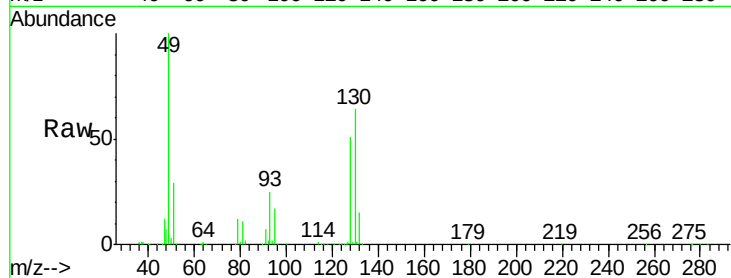
Quant Time: Oct 19 08:36:01 2021
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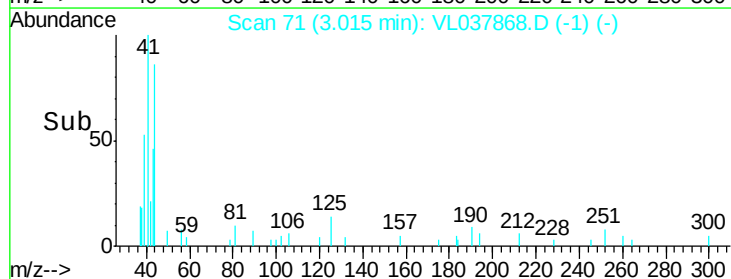
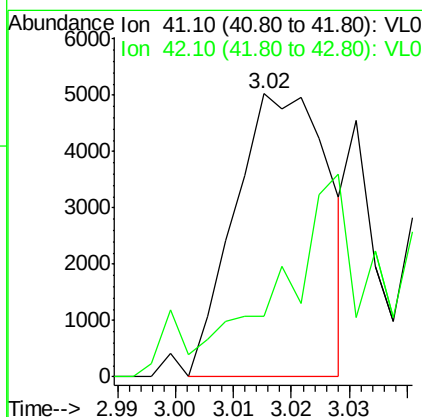
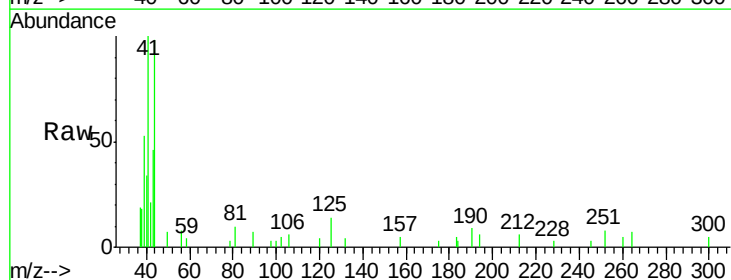
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 00:58

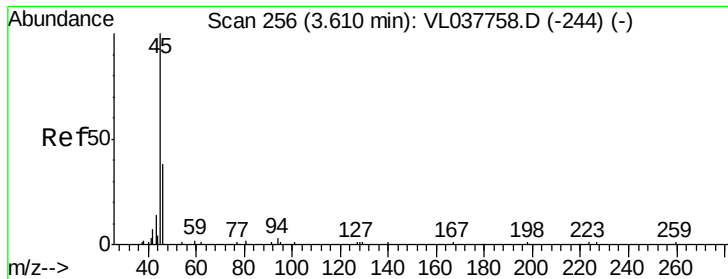
Tgt Ion: 49 Resp: 1111399
 Ion Ratio Lower Upper
 49 100
 128 57.0 27.1 81.3
 130 73.9 33.2 99.6



#9
 Propene
 Concen: 0.072 ppbv
 RT: 3.02 min Scan# 71
 Delta R.T.: 0.00 min
 Lab File: VL037868.D
 Acq: 19 Oct 2021 00:58

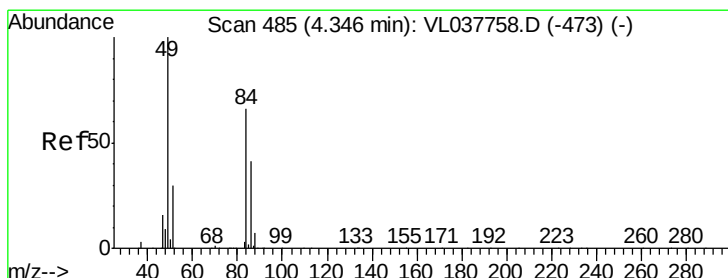
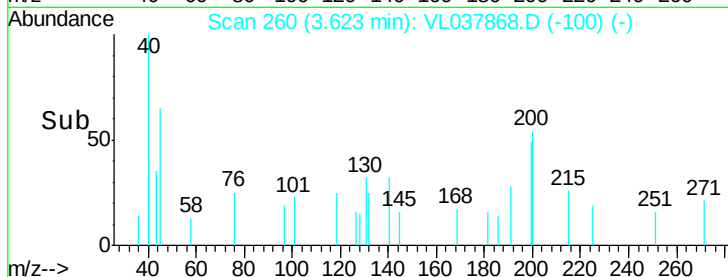
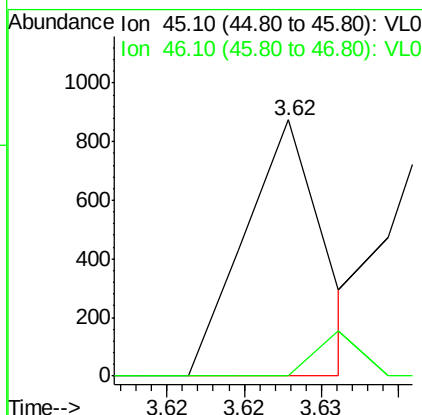
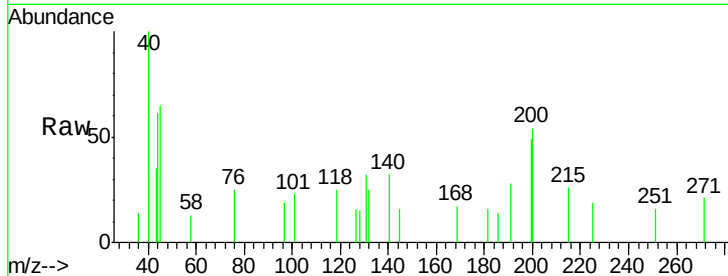
Tgt Ion: 41 Resp: 5642
 Ion Ratio Lower Upper
 41 100
 42 0.0 54.2 81.2#





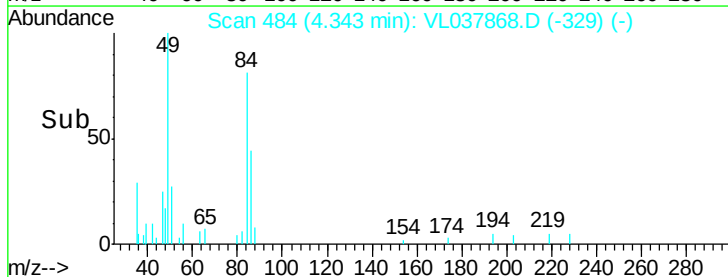
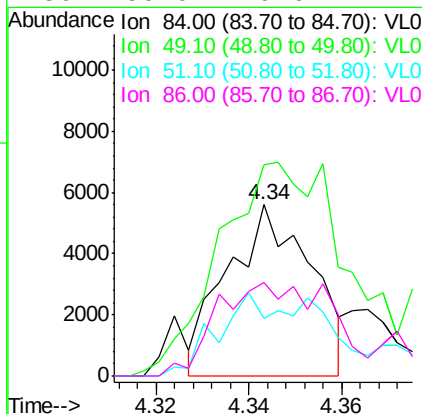
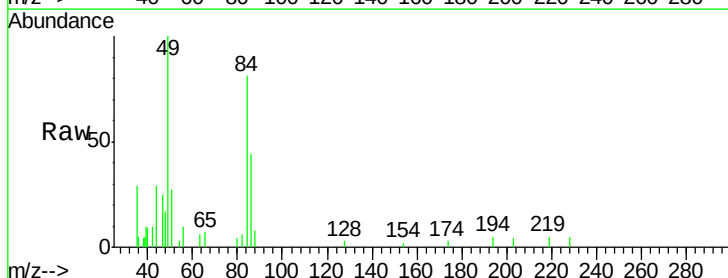
#13
 Ethanol
 Concen: 0.048 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 00:58

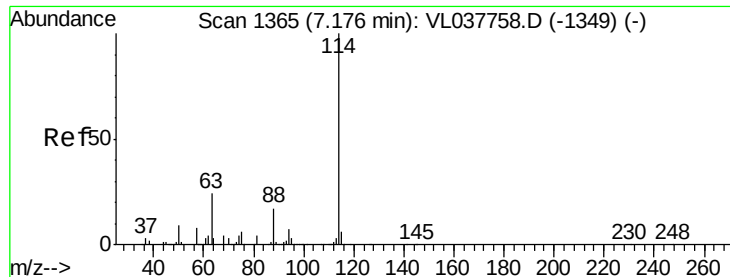
Tgt Ion: 45 Resp: 308
 Ion Ratio Lower Upper
 45 100
 46 13.6 20.2 81.0#



#20
 Methylene Chloride
 Concen: 0.139 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: VL037868.D
 Acq: 19 Oct 2021 00:58

Tgt Ion: 84 Resp: 7018
 Ion Ratio Lower Upper
 84 100
 49 109.6 120.7 181.1#
 51 34.4 36.2 54.4#
 86 59.0 49.6 74.4

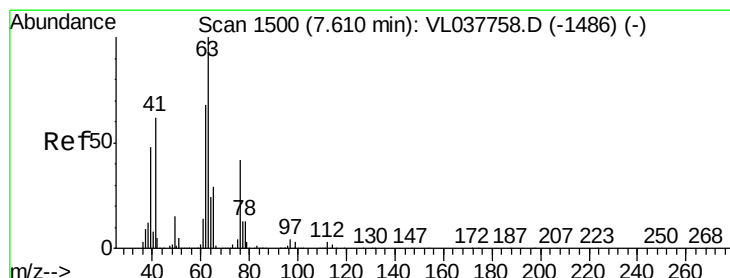
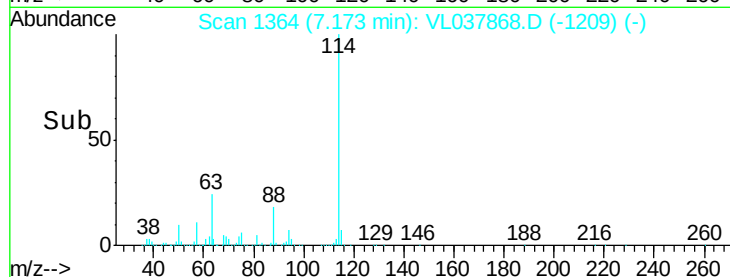
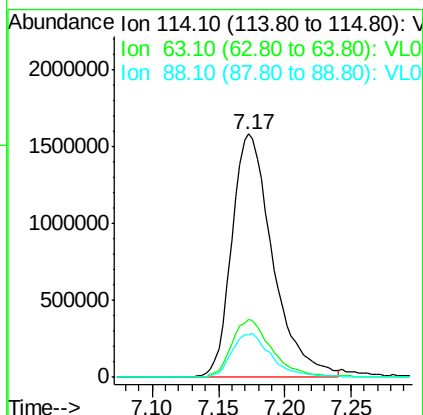
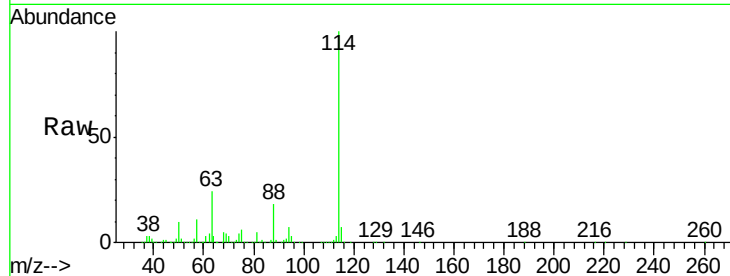




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 00:58

Tgt Ion: 114 Resp: 3395397

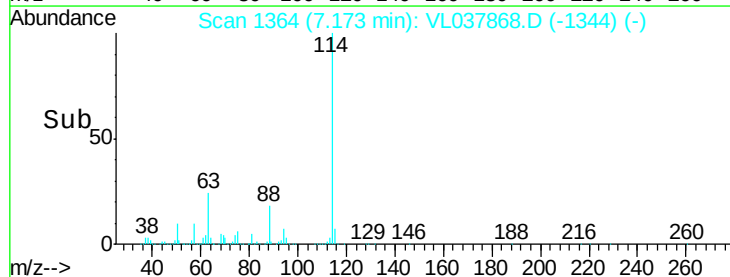
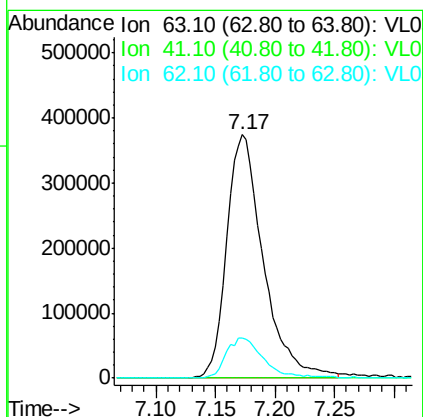
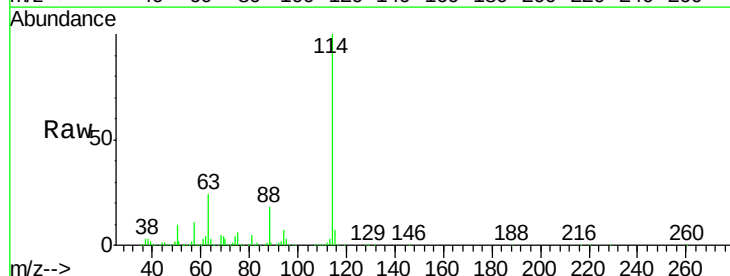
Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.2
88	17.9	14.4	21.6

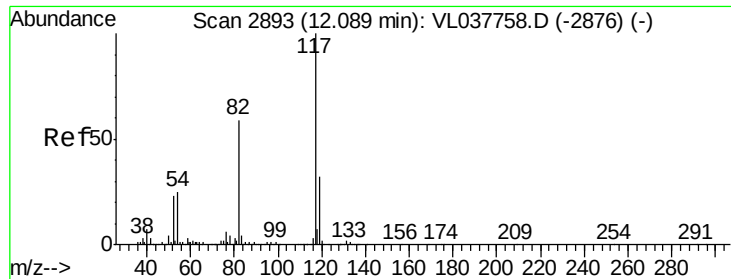


#39
 1,2-Dichloropropane
 Concen: 7.309 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T.: -0.44 min
 Lab File: VL037868.D
 Acq: 19 Oct 2021 00:58

Tgt Ion: 63 Resp: 797255

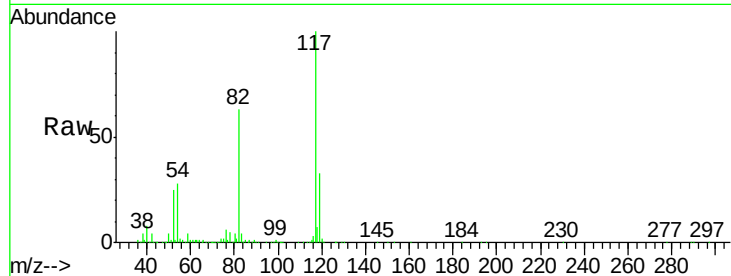
Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	16.4	54.6	82.0#



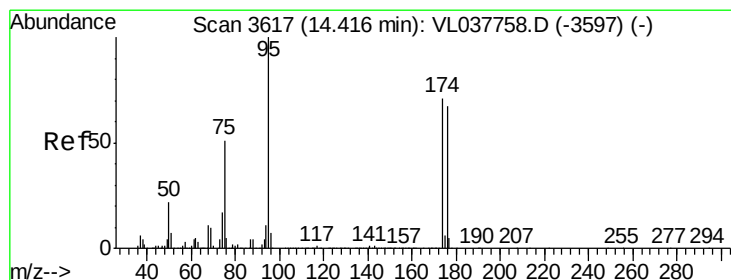
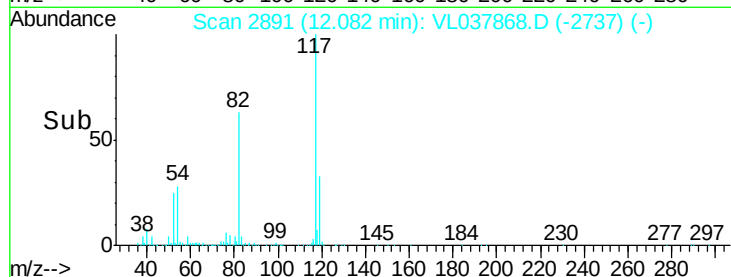
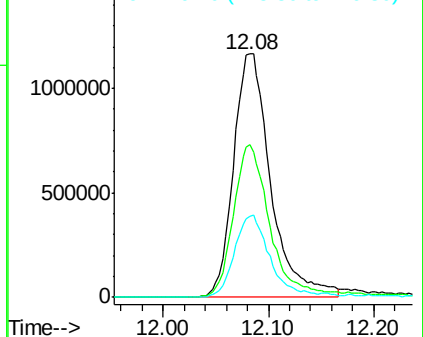


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 00:58

Tgt Ion: 117 Resp: 2858865
 Ion Ratio Lower Upper
 117 100
 82 64.0 52.2 78.2
 119 33.3 26.0 39.0

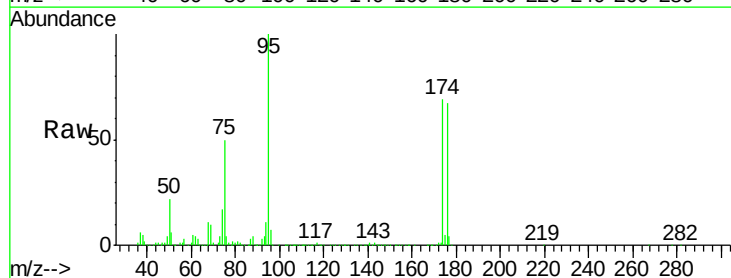


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.101 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: -0.01 min
 Lab File: VL037868.D
 Acq: 19 Oct 2021 00:58

Tgt Ion: 95 Resp: 2019464
 Ion Ratio Lower Upper
 95 100
 174 74.9 57.8 86.6
 175 5.1 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): V
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

