

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038263.D
 Acq On : 24 Jan 2022 17:13
 Operator : SY/AP
 Sample : QC011322 CAN 10609
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011322 CAN 10609

Quant Time: Jan 24 22:04:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	873681	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2274311	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1878574	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1351598	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

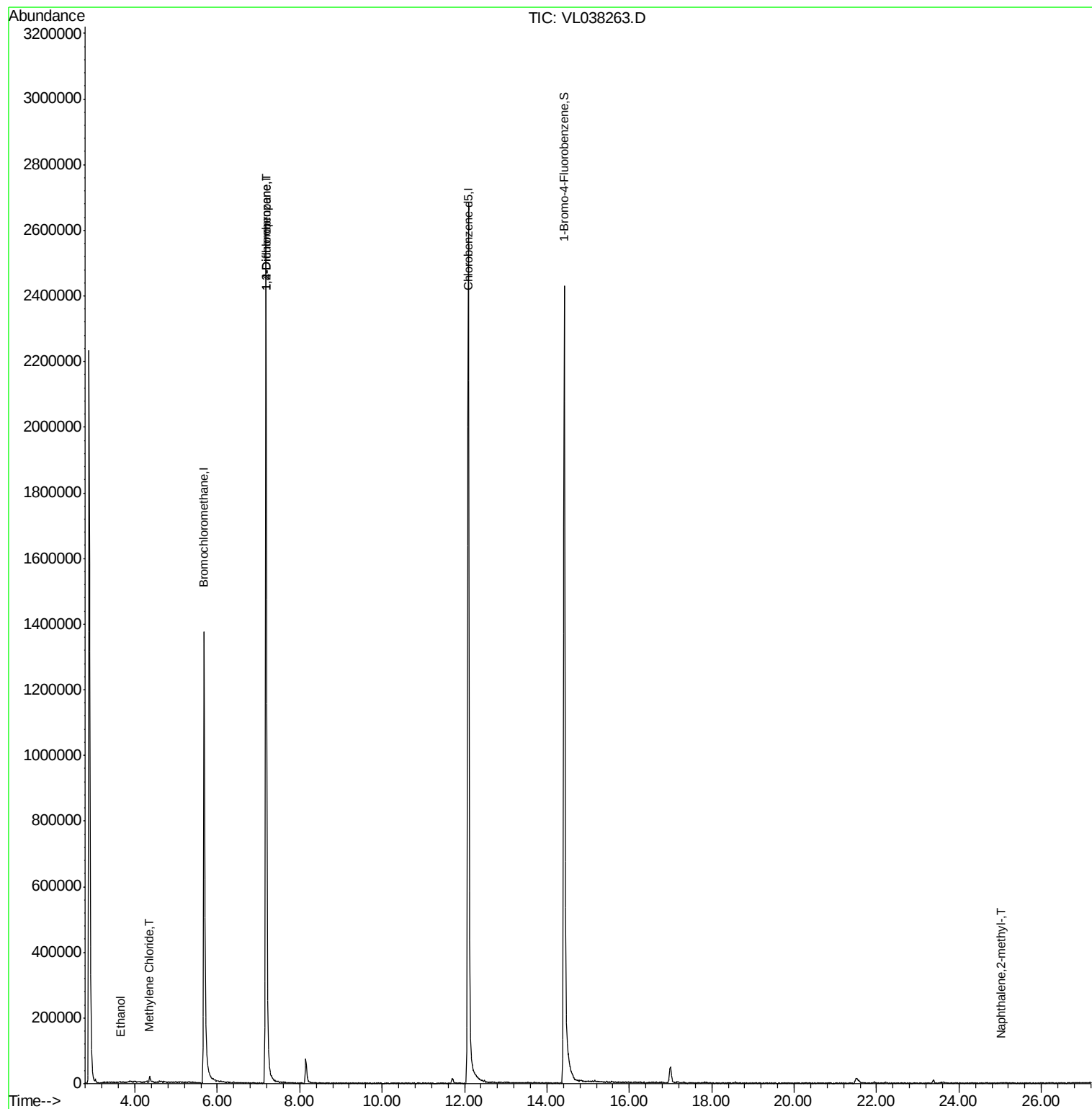
Target Compounds					Qvalue
13) Ethanol	3.64	45	742	0.122 ppbv	76
20) Methylene Chloride	4.36	84	5199	0.116 ppbv	89
39) 1,2-Dichloropropane	7.18	63	593206	7.273 ppbv #	25
80) Naphthalene,2-methyl-	25.02	142	1148	0.104 ppbv	86

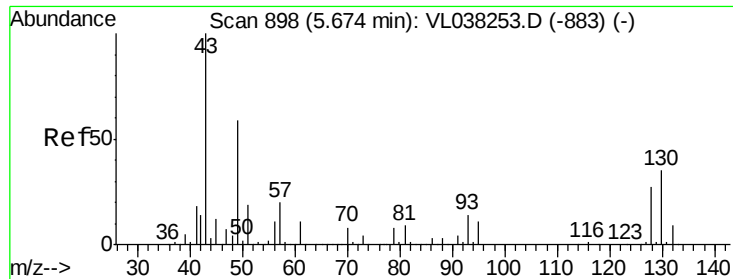
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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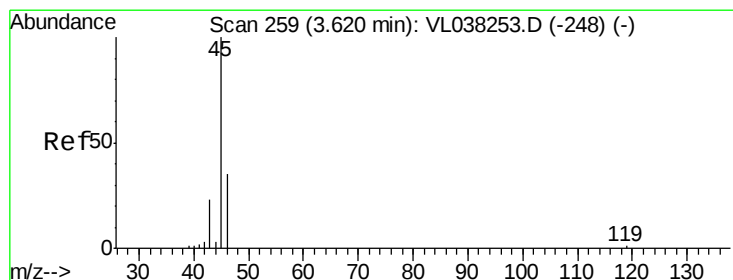
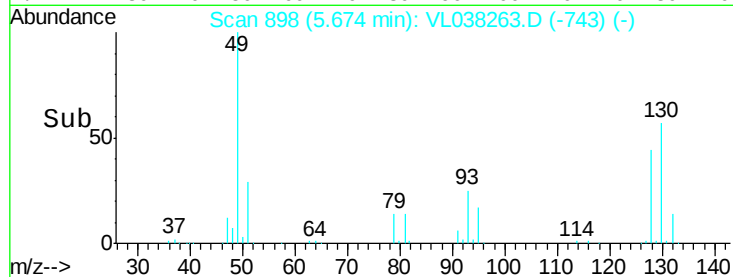
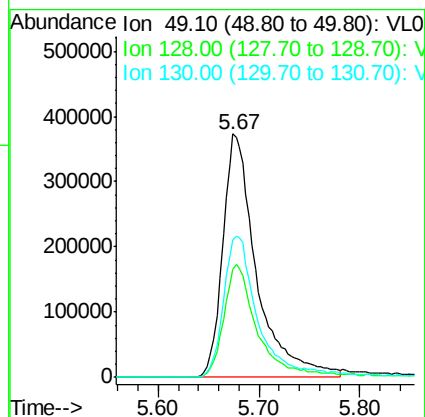
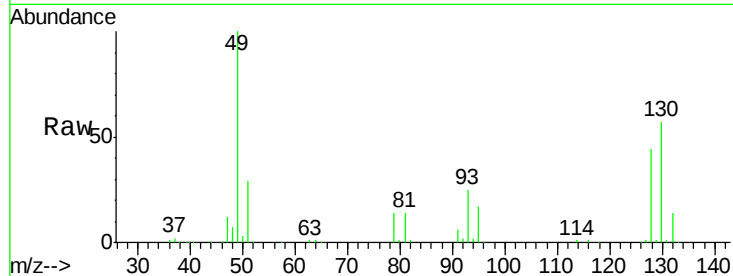
Quant Time: Jan 24 22:04:47 2022
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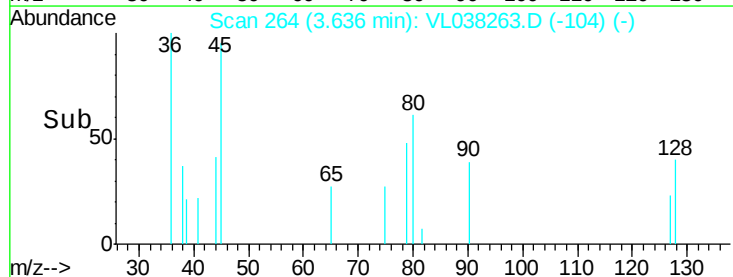
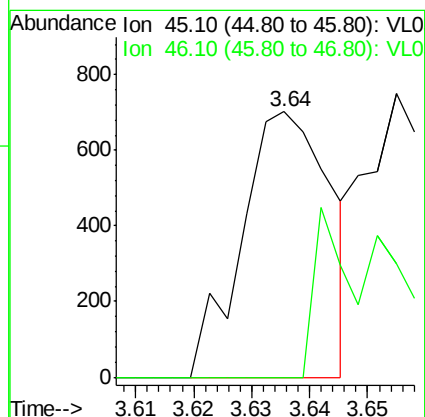
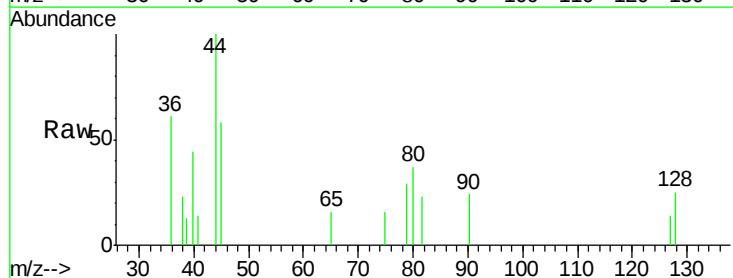
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC011322 CAN 10609
 Acq: 24 Jan 2022 17:13

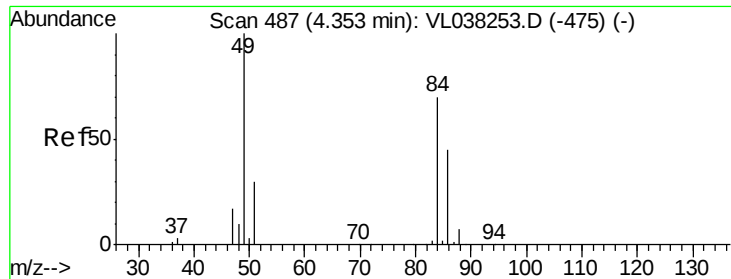
Tgt Ion: 49 Resp: 873681
 Ion Ratio Lower Upper
 49 100
 128 47.5 24.5 73.5
 130 60.8 30.1 90.5



#13
 Ethanol
 Concen: 0.122 ppbv
 RT: 3.64 min Scan# 264
 Delta R.T.: 0.02 min
 Lab File: VL038263.D
 Acq: 24 Jan 2022 17:13

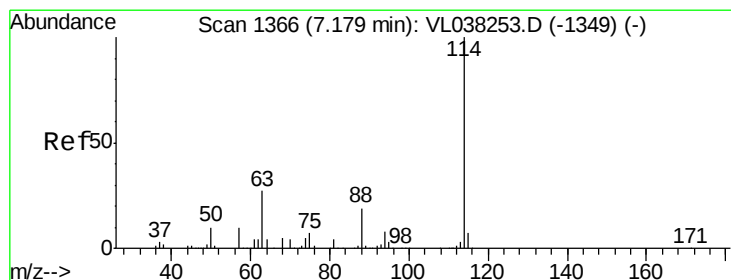
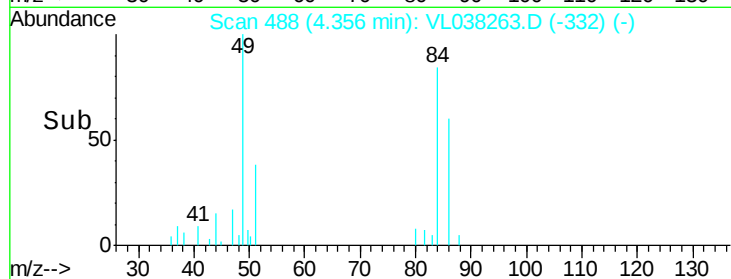
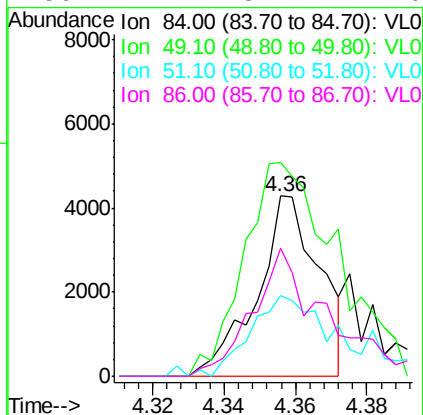
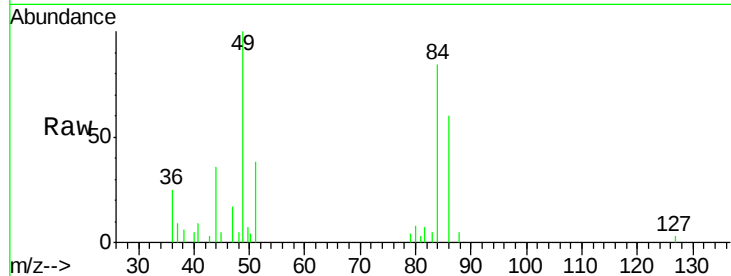
Tgt Ion: 45 Resp: 742
 Ion Ratio Lower Upper
 45 100
 46 53.0 15.4 61.6





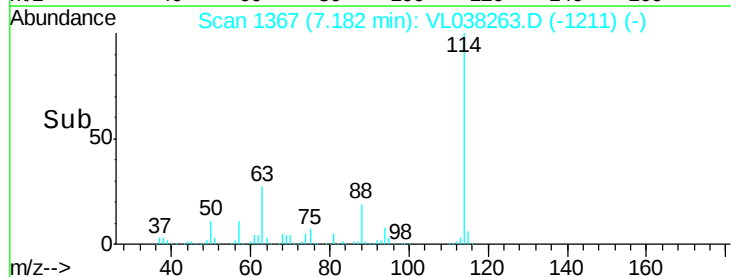
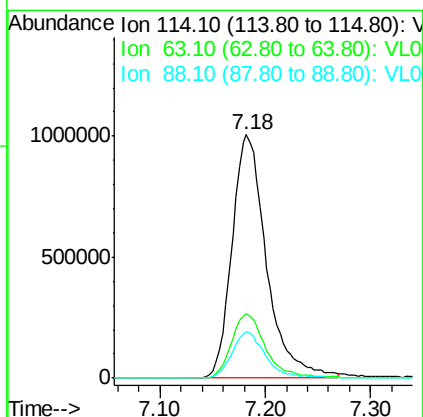
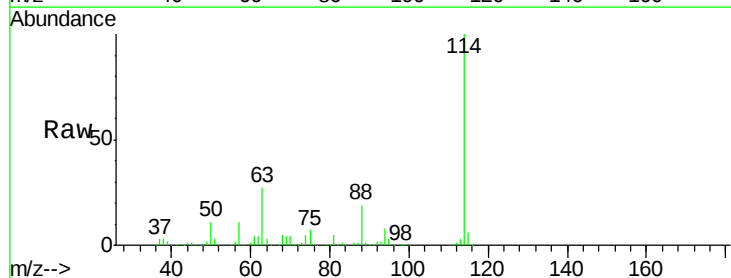
#20
Methylene Chloride
Concen: 0.116 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 17:13

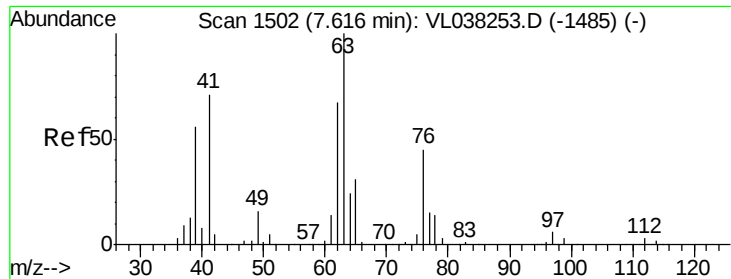
Tgt Ion:	84	Resp:	5199
Ion	Ratio	Lower	Upper
84	100		
49	126.5	115.0	172.6
51	44.8	35.0	52.6
86	71.2	51.4	77.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL038263.D
Acq: 24 Jan 2022 17:13

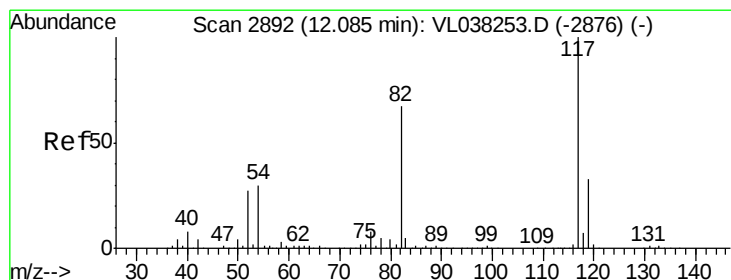
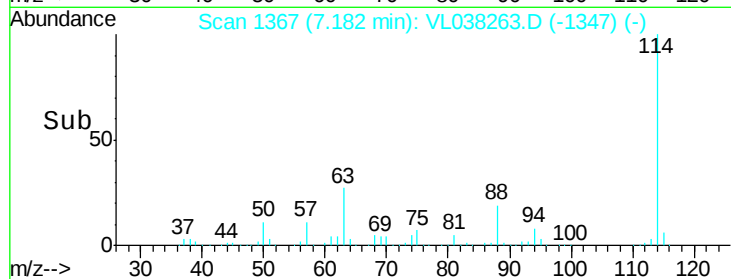
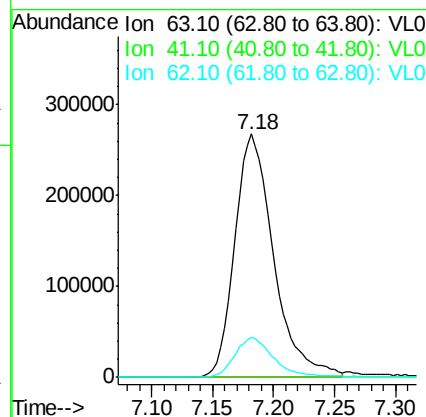
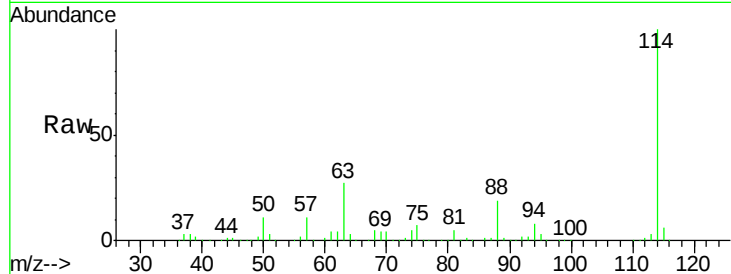
Tgt Ion:	114	Resp:	2274311
Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.0	33.0
88	18.8	15.0	22.6





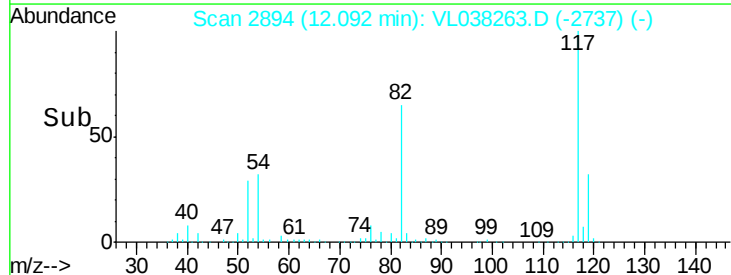
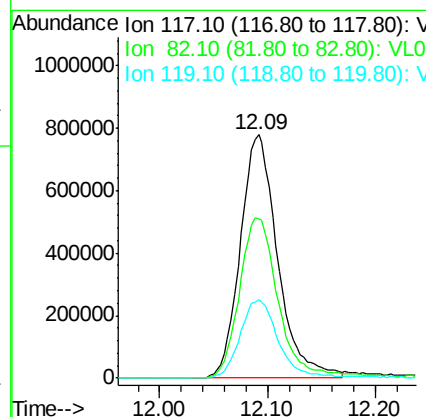
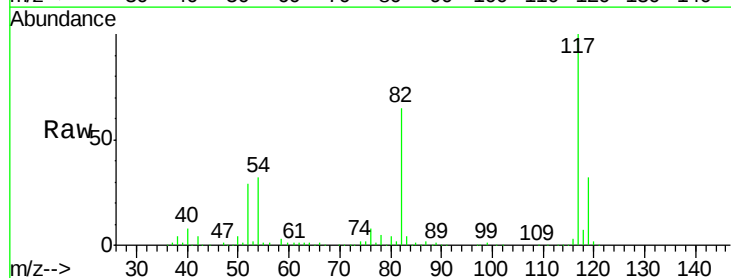
#39
 1,2-Dichloropropane
 Concen: 7.273 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 24 Jan 2022 17:13

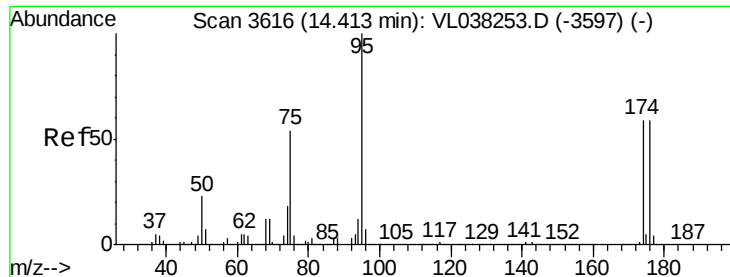
Tgt Ion: 63 Resp: 593206
 Ion Ratio Lower Upper
 63 100
 41 0.1 56.6 85.0#
 62 16.7 53.9 80.9#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. 0.01 min
 Lab File: VL038263.D
 Acq: 24 Jan 2022 17:13

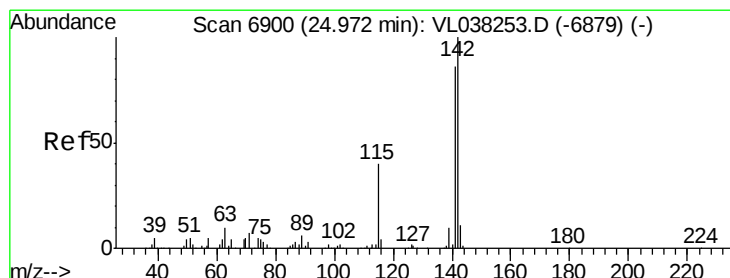
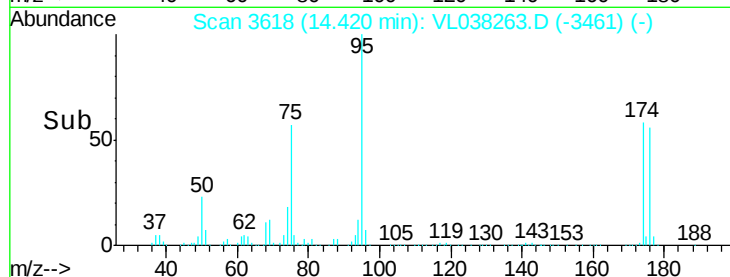
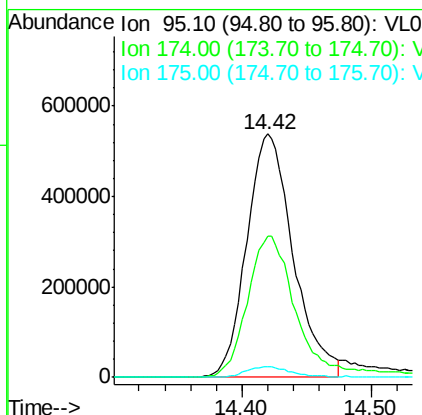
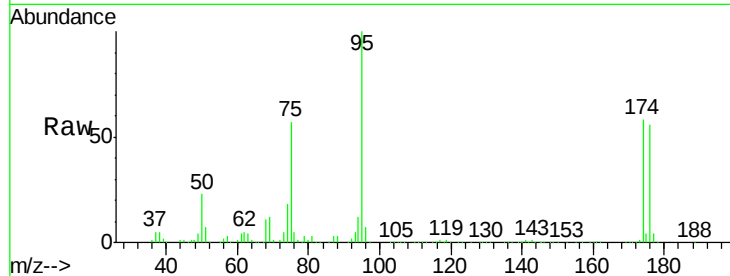
Tgt Ion: 117 Resp: 1878574
 Ion Ratio Lower Upper
 117 100
 82 70.4 54.4 81.6
 119 33.6 45.9 68.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.479 ppbv
 RT: 14.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 OC011322 CAN 10609
 Acq: 24 Jan 2022 17:13

Tgt Ion: 95 Resp: 1351598
 Ion Ratio Lower Upper
 95 100
 174 64.5 48.3 72.5
 175 4.7 3.5 5.3



#80
 Naphthalene, 2-methyl-
 Concen: 0.104 ppbv
 RT: 25.02 min Scan# 6916
 Delta R.T. 0.05 min
 Lab File: VL038263.D
 Acq: 24 Jan 2022 17:13

Tgt Ion: 142 Resp: 1148
 Ion Ratio Lower Upper
 142 100
 141 74.2 70.2 105.4
 115 31.8 31.8 47.6

