

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
Data File : VL038279.D
Acq On : 25 Jan 2022 3:31
Operator : SY/AP
Sample : QC011222 CAN 10198
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC011222 CAN 10198

Quant Time: Jan 25 04:27:10 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	5.68	49	774044	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2071577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1718467	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1307917	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

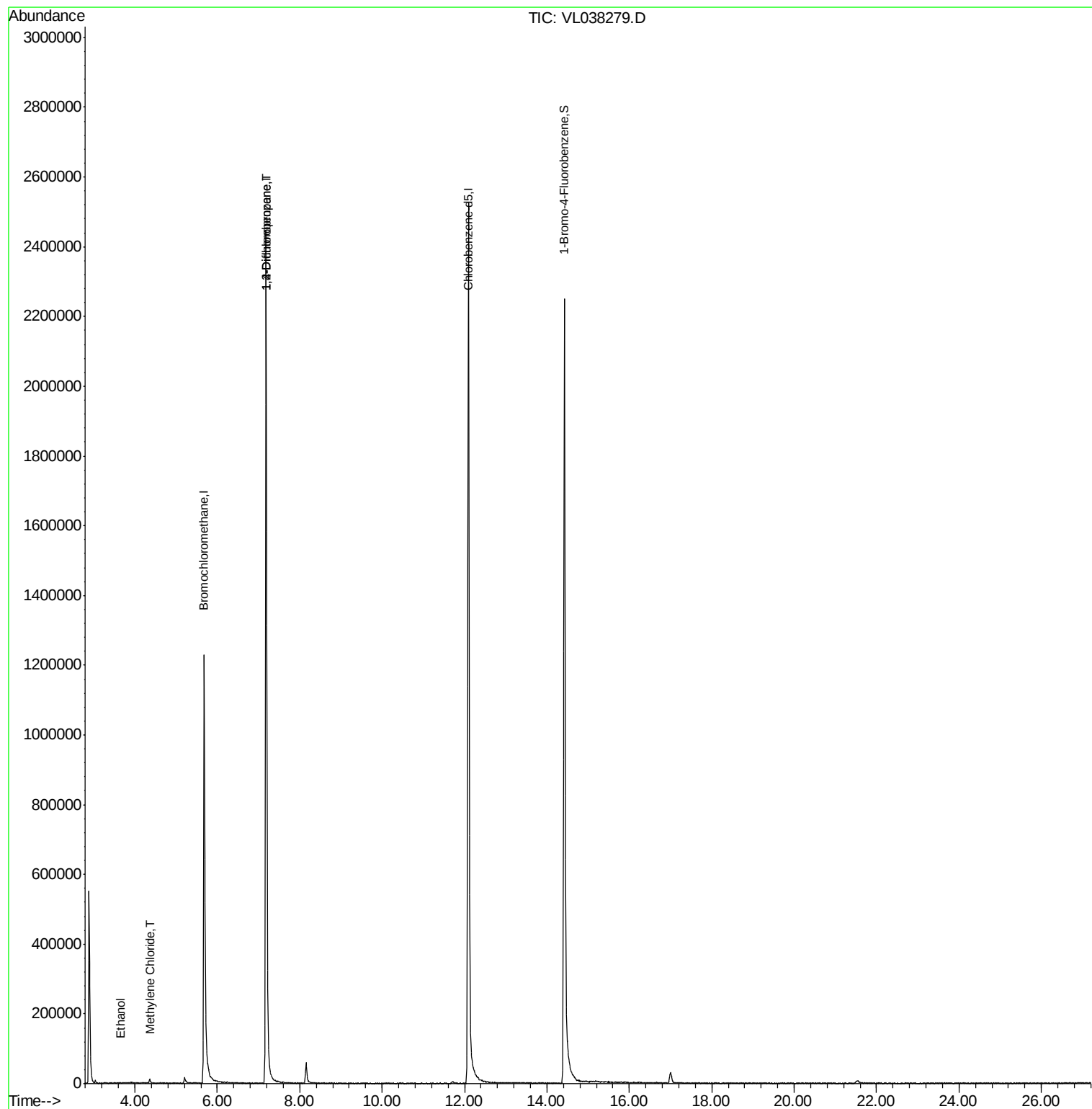
Target Compounds					Qvalue
13) Ethanol	3.64	45	421	0.078 ppbv #	37
20) Methylene Chloride	4.36	84	3831	0.097 ppbv #	86
39) 1,2-Dichloropropane	7.19	63	548632	7.385 ppbv #	25

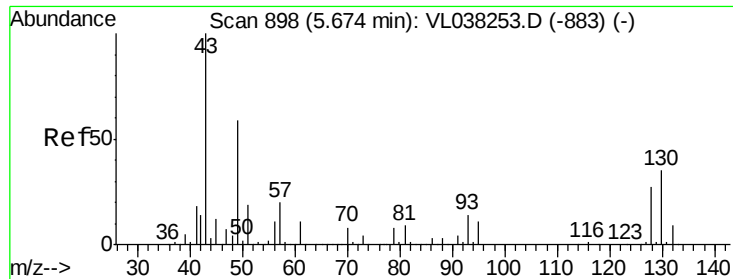
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: OC011222 CAN 10198

Acq: 25 Jan 2022 3:31

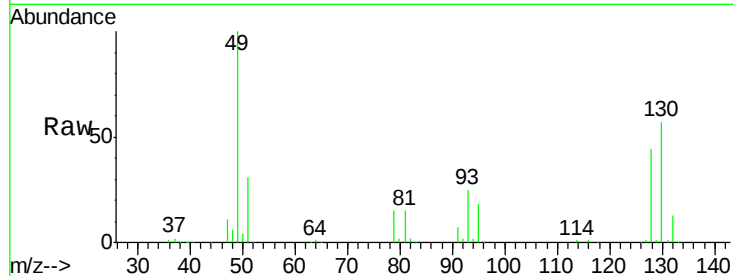
Tgt Ion: 49 Resp: 774044

Ion Ratio Lower Upper

49 100

128 47.3 24.5 73.5

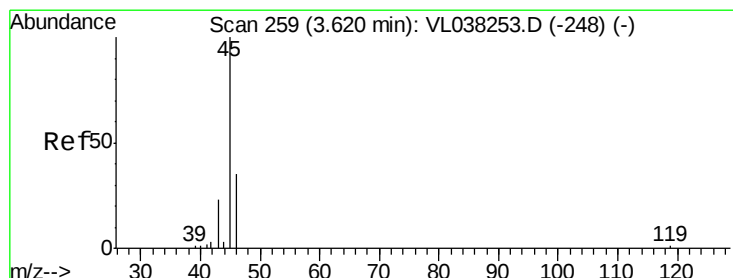
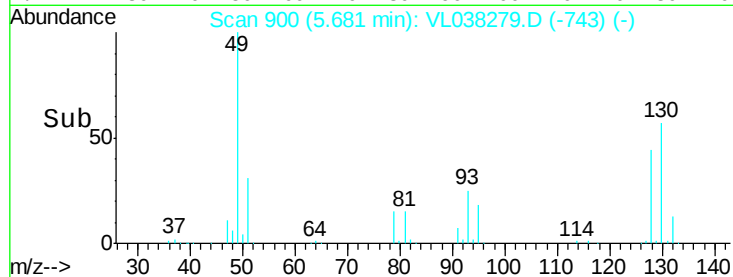
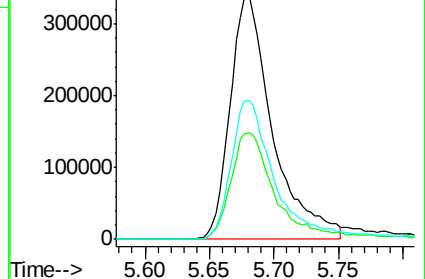
130 62.0 30.1 90.5



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



#13

Ethanol

Concen: 0.078 ppbv

RT: 3.64 min Scan# 264

Delta R.T. 0.02 min

Lab File: VL038279.D

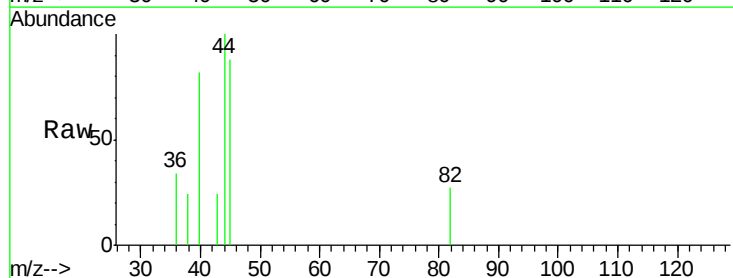
Acq: 25 Jan 2022 3:31

Tgt Ion: 45 Resp: 421

Ion Ratio Lower Upper

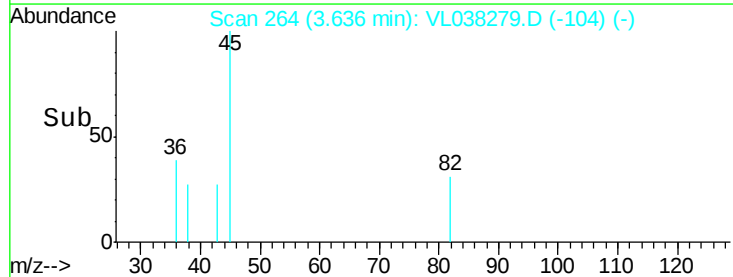
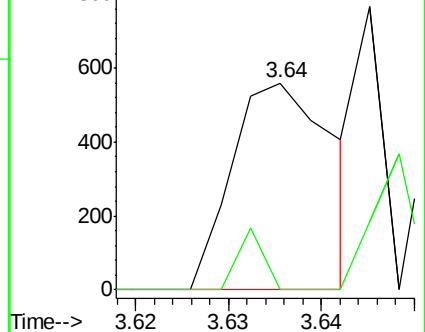
45 100

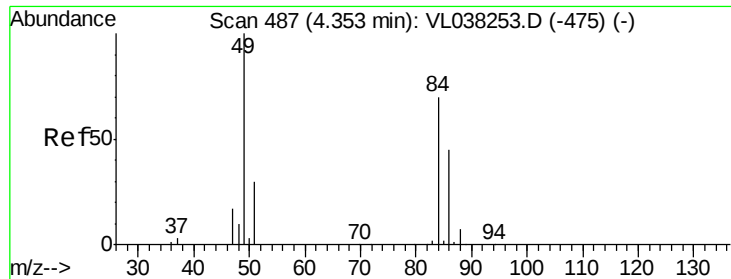
46 0.0 15.4 61.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

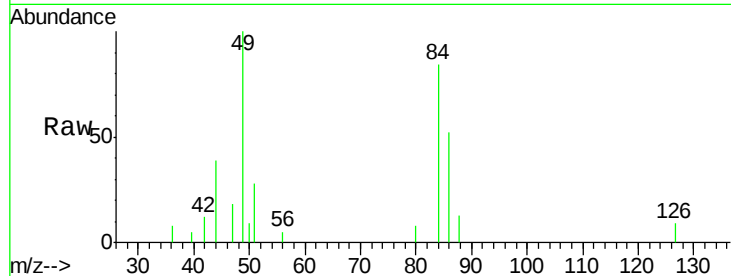
Ion 46.10 (45.80 to 46.80): VL0



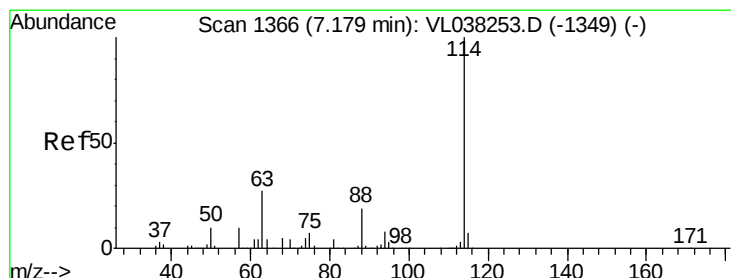
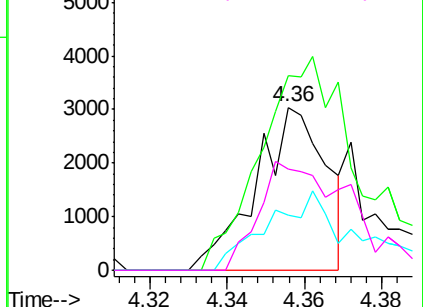
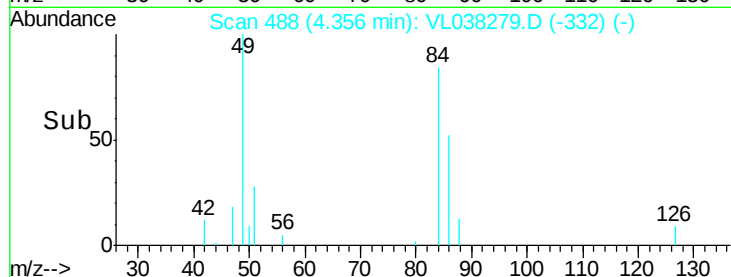


#20
Methylene Chloride
Concen: 0.097 ppbv
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Jan 2022 3:31
QC011222 CAN 10198

Tgt Ion: 84 Resp: 3831
Ion Ratio Lower Upper
84 100
49 119.5 115.0 172.6
51 34.0 35.0 52.6#
86 62.2 51.4 77.0

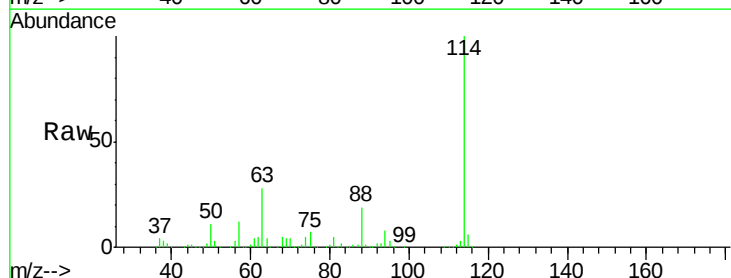


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

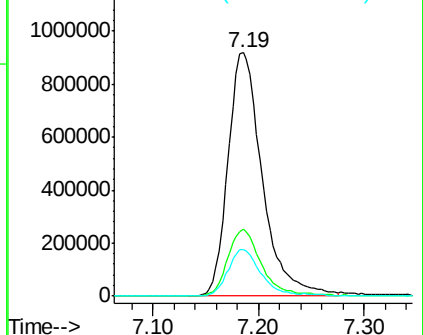
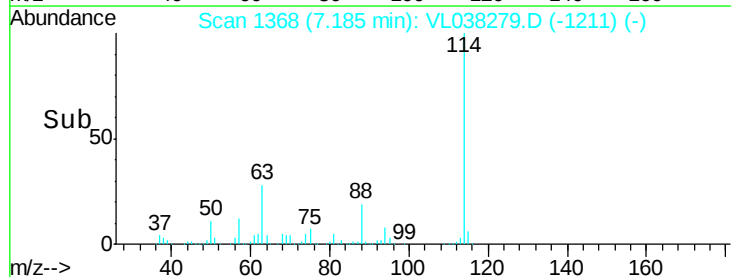


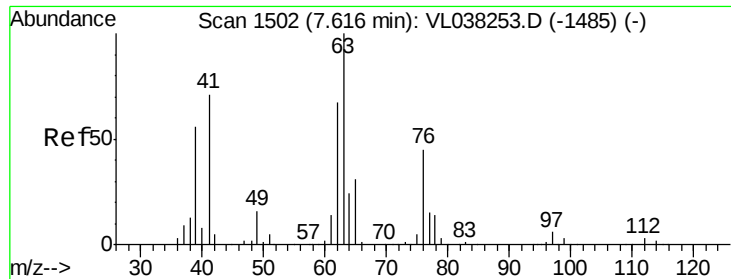
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T.: 0.01 min
Lab File: VL038279.D
Acq: 25 Jan 2022 3:31

Tgt Ion: 114 Resp: 2071577
Ion Ratio Lower Upper
114 100
63 27.3 22.0 33.0
88 19.1 15.0 22.6



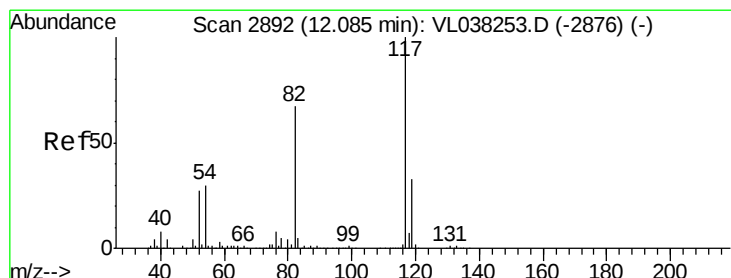
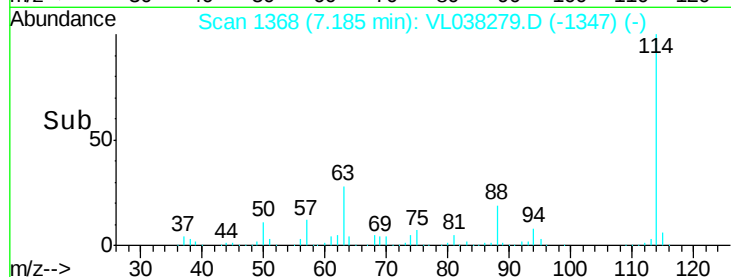
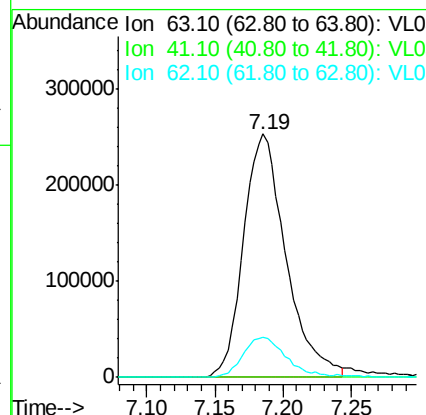
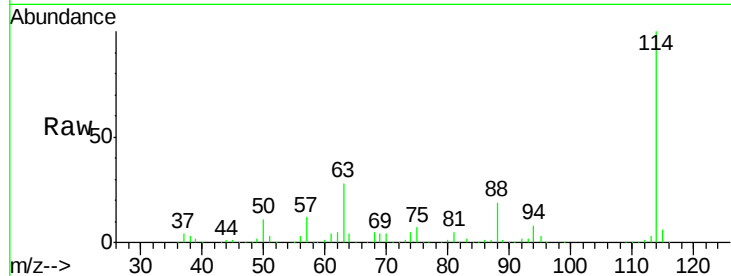
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





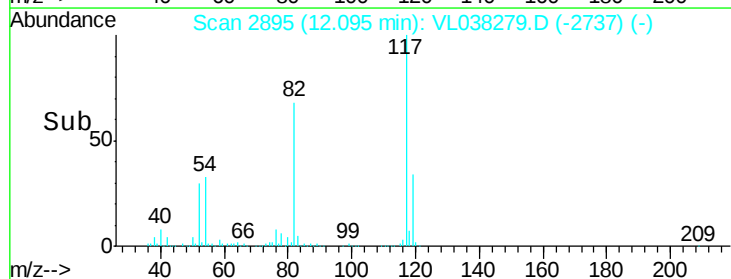
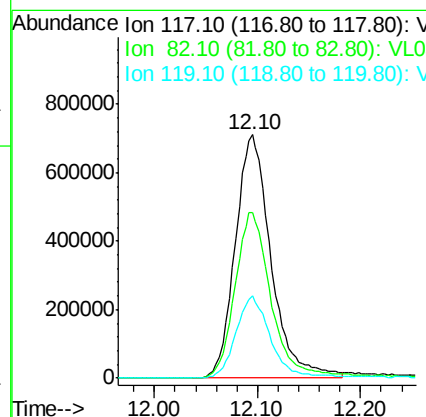
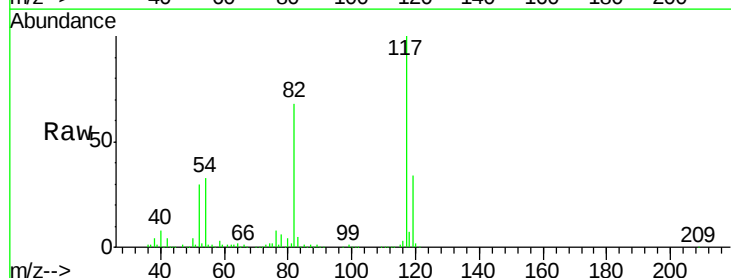
#39
 1,2-Dichloropropane
 Concen: 7.385 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jan 2022 3:31
 QC011222 CAN 10198

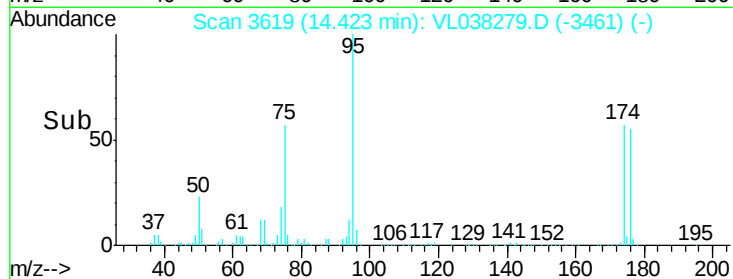
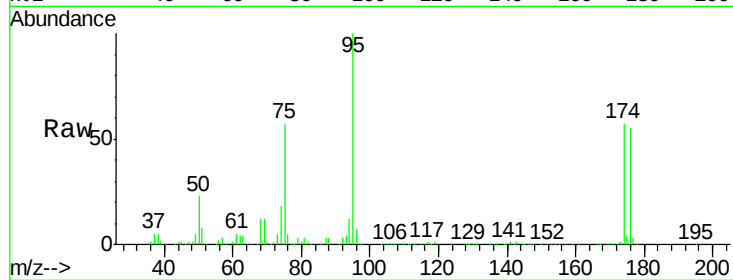
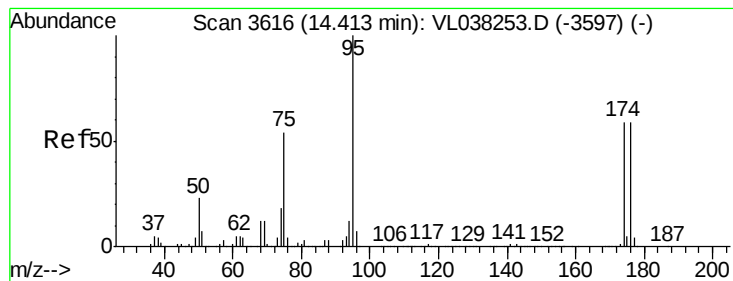
Tgt Ion: 63 Resp: 548632
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.6 85.0#
 62 16.4 53.9 80.9#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. 0.01 min
 Lab File: VL038279.D
 Acq: 25 Jan 2022 3:31

Tgt Ion: 117 Resp: 1718467
 Ion Ratio Lower Upper
 117 100
 82 71.3 54.4 81.6
 119 33.9 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.028 ppbv

RT: 14.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

QC011222 CAN 10198

Acq: 25 Jan 2022 5:51

Tgt Ion: 95 Resp: 1307917

Ion Ratio Lower Upper

95 100

174 59.4 48.3 72.5

175 4.4 3.5 5.3

