

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038314.D
 Acq On : 28 Jan 2022 9:10
 Operator : SY/AP
 Sample : QC012722 CAN 10667
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC012722 CAN 10667

Quant Time: Jan 29 06:03:46 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	5.66	49	713526	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	1885311	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	1576696	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1198265	10.01	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

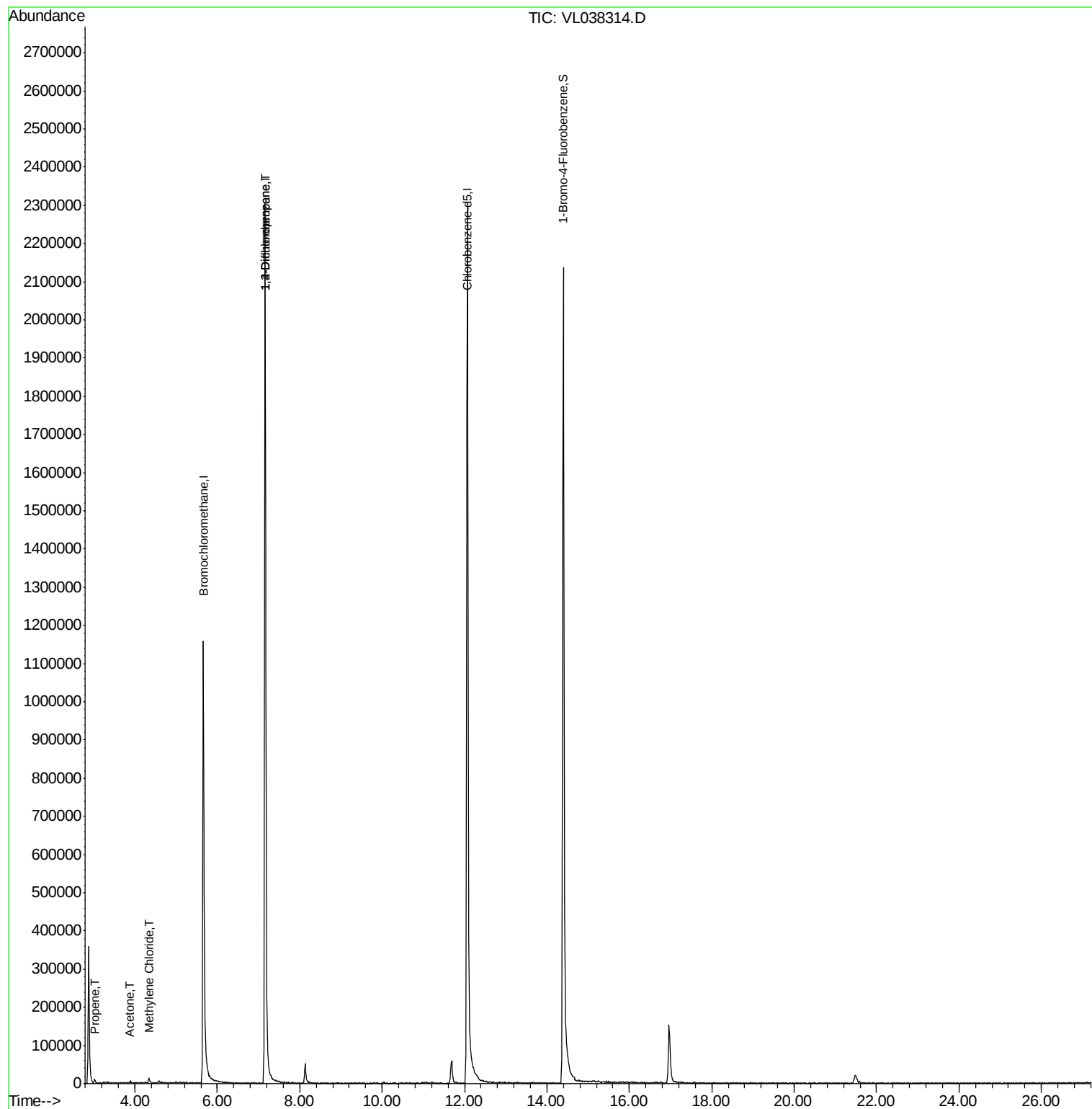
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	2095	0.045	ppbv #	15
15) Acetone	3.88	43	2760	0.044	ppbv #	48
20) Methylene Chloride	4.34	84	3255	0.089	ppbv #	90
39) 1,2-Dichloropropane	7.16	63	516860	7.645	ppbv #	26

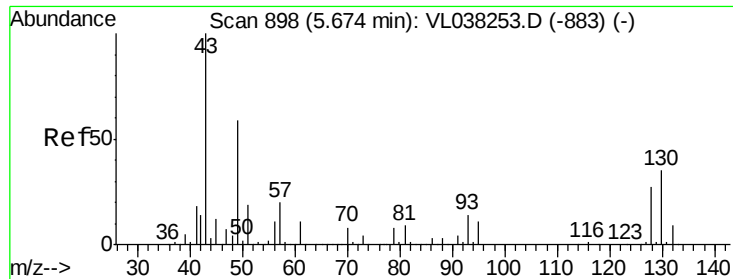
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

QC012722 CAN 10667

Acq: 28 Jan 2022 9:10

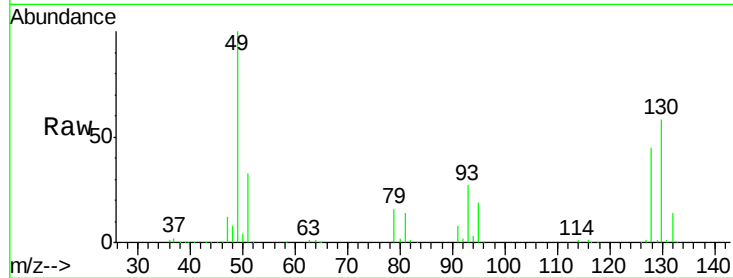
Tgt Ion: 49 Resp: 713526

Ion Ratio Lower Upper

49 100

128 47.3 24.5 73.5

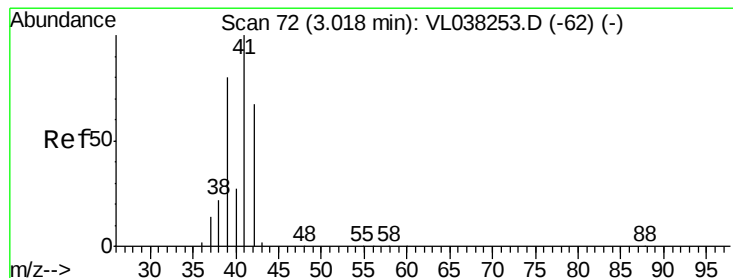
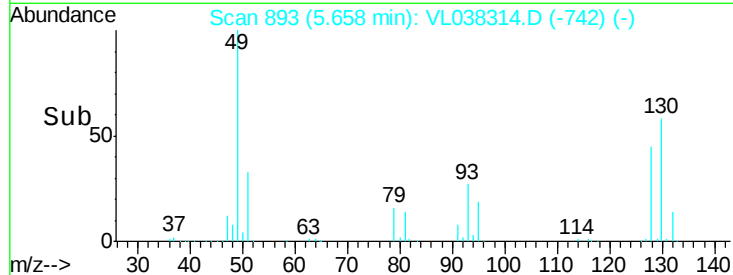
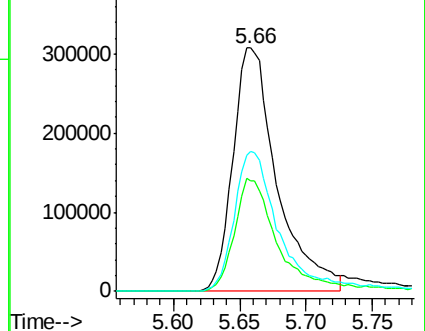
130 60.3 30.1 90.5



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



#9

Propene

Concen: 0.045 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038314.D

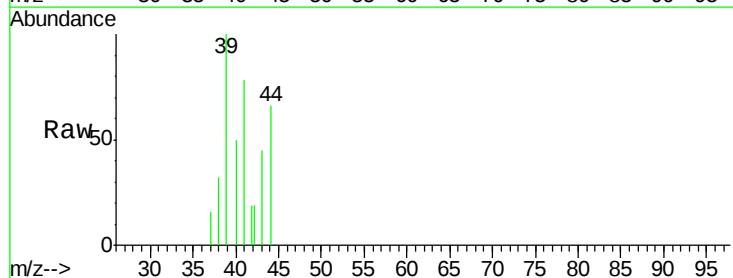
Acq: 28 Jan 2022 9:10

Tgt Ion: 41 Resp: 2095

Ion Ratio Lower Upper

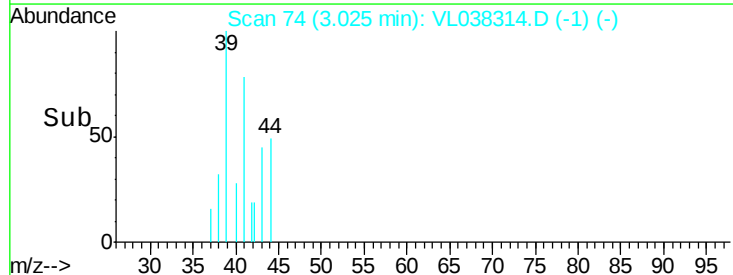
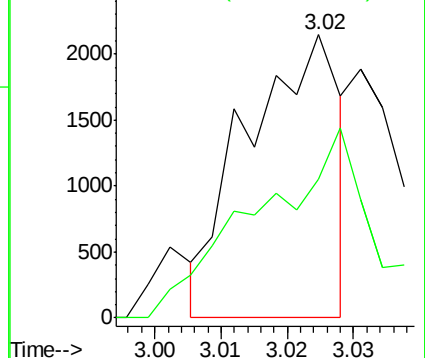
41 100

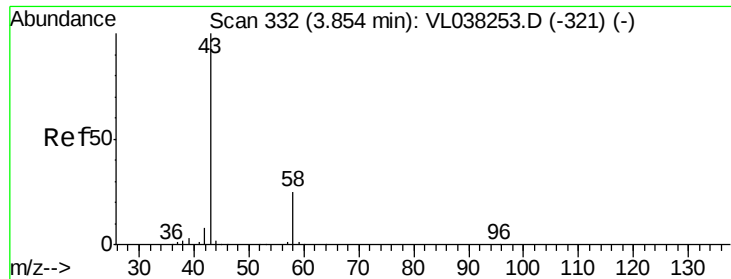
42 0.0 54.9 82.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.044 ppbv

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

QC012722 CAN 10667

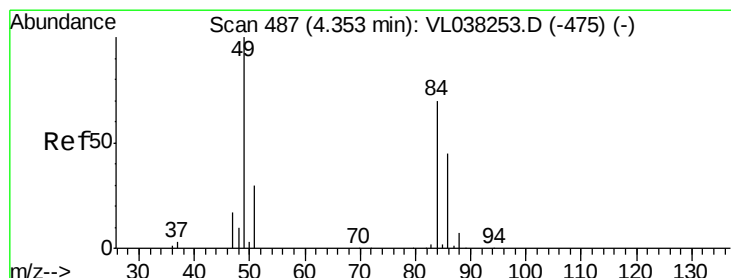
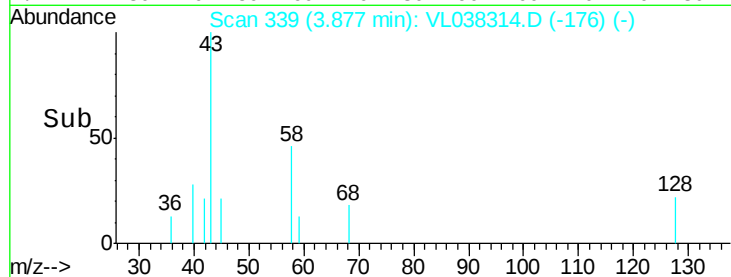
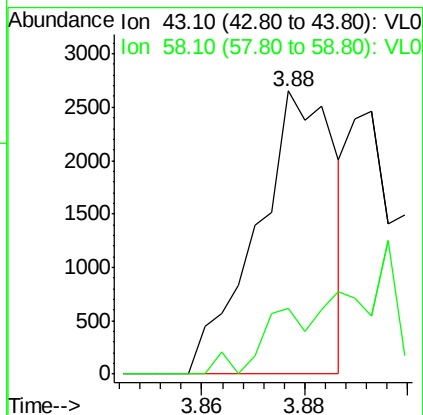
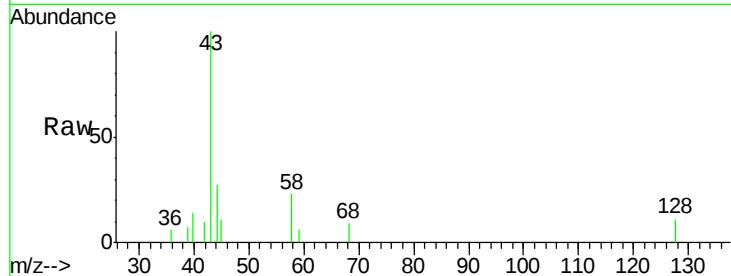
Acq: 28 Jan 2022 9:10

Tgt Ion: 43 Resp: 2760

Ion Ratio Lower Upper

43 100

58 0.0 21.5 32.3#



#20

Methylene Chloride

Concen: 0.089 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.02 min

Lab File: VL038314.D

Acq: 28 Jan 2022 9:10

Tgt Ion: 84 Resp: 3255

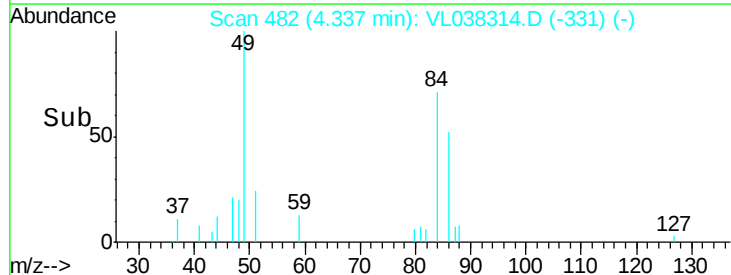
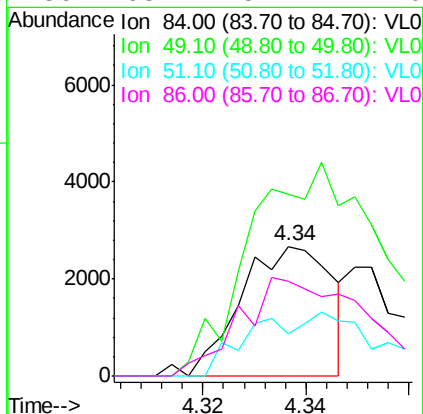
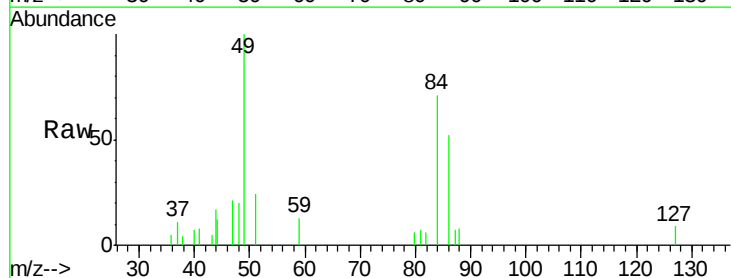
Ion Ratio Lower Upper

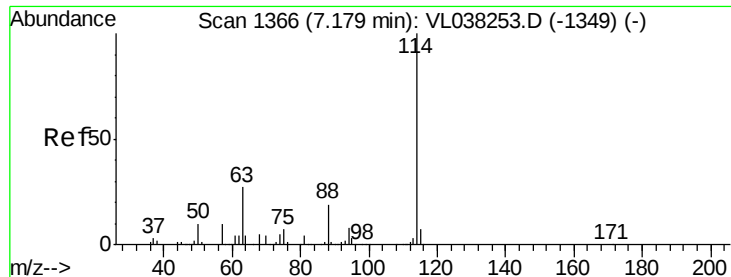
84 100

49 129.6 115.0 172.6

51 33.0 35.0 52.6#

86 63.7 51.4 77.0

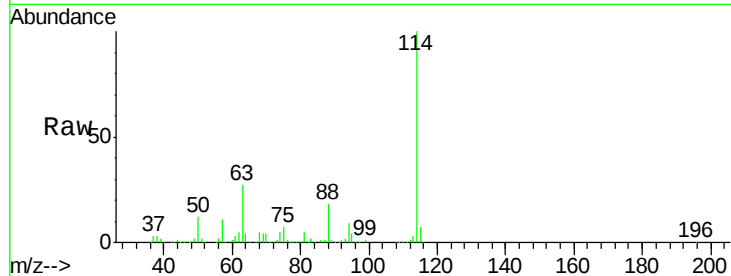




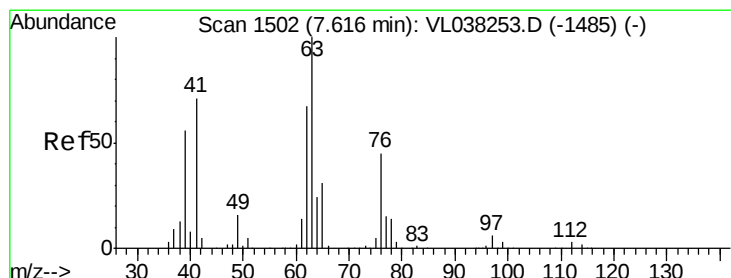
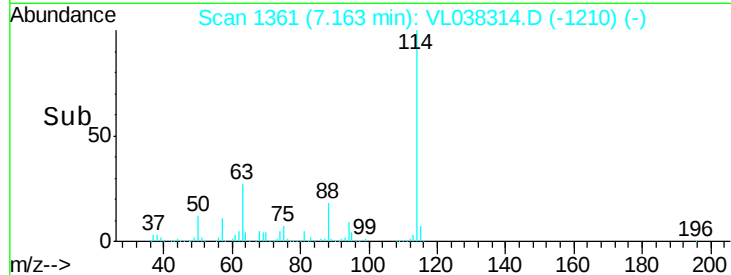
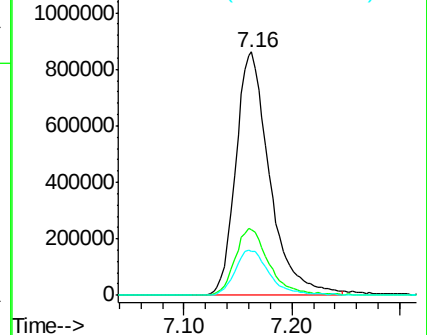
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 OC012722 CAN 10667
 Acq: 28 Jan 2022 9:10

Tgt Ion: 114 Resp: 1885311

Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.0	33.0
88	19.5	15.0	22.6



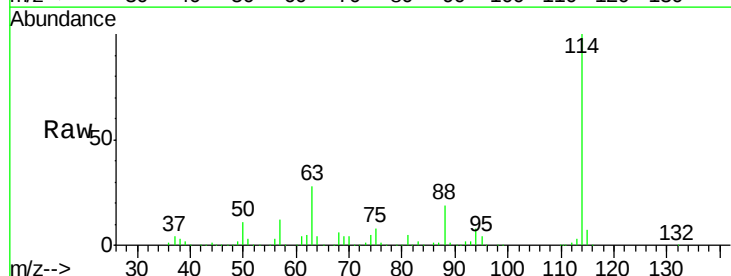
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



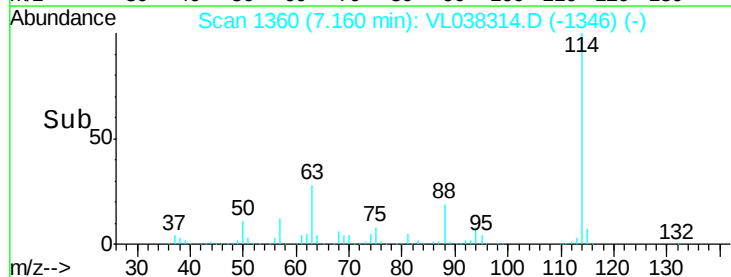
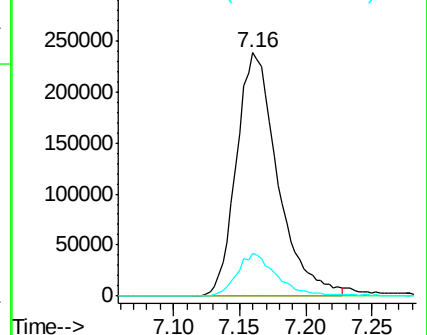
#39
 1,2-Dichloropropane
 Concen: 7.645 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.46 min
 Lab File: VL038314.D
 Acq: 28 Jan 2022 9:10

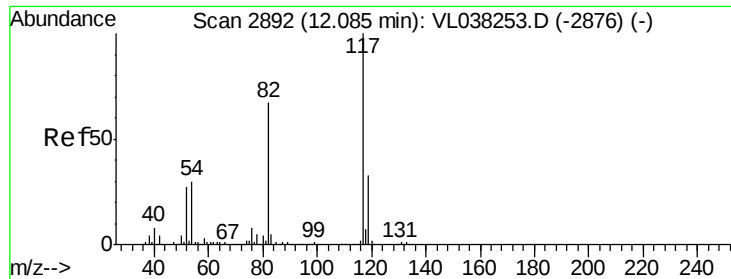
Tgt Ion: 63 Resp: 516860

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	17.6	53.9	80.9#



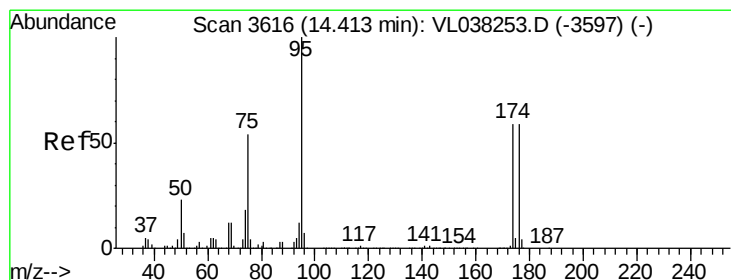
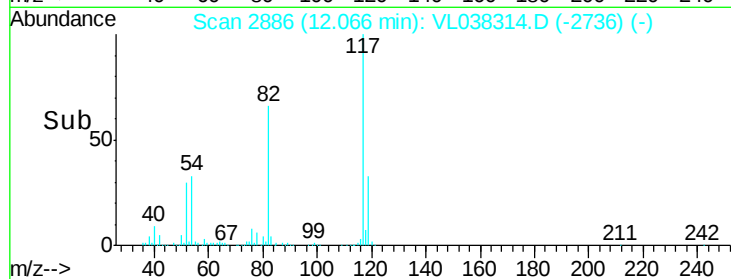
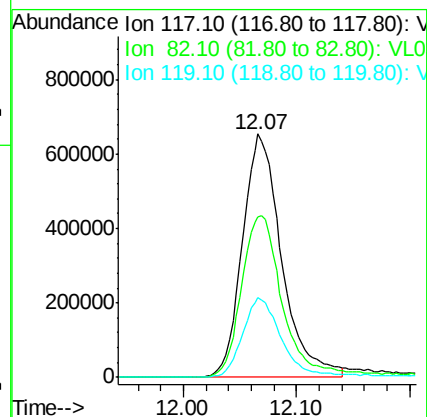
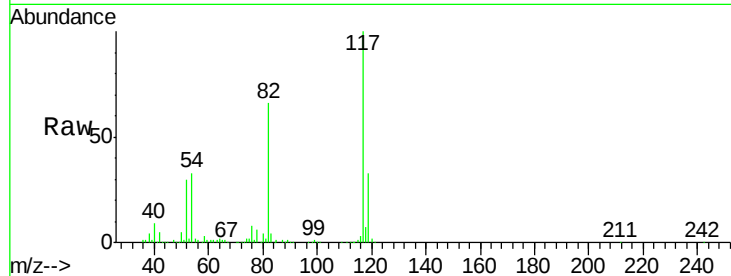
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC012722 CAN 10667
 Acq: 28 Jan 2022 9:10

Tgt Ion: 117 Resp: 1576696
 Ion Ratio Lower Upper
 117 100
 82 73.2 54.4 81.6
 119 34.2 45.9 68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.013 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T.: -0.02 min
 Lab File: VL038314.D
 Acq: 28 Jan 2022 9:10

Tgt Ion: 95 Resp: 1198265
 Ion Ratio Lower Upper
 95 100
 174 61.0 48.3 72.5
 175 4.4 3.5 5.3

