

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032322\
 Data File : VL038718.D
 Acq On : 23 Mar 2022 16:31
 Operator : SY/AP
 Sample : OC032222 CAN 10598
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC032222 CAN 10598

Quant Time: Mar 24 04:34:10 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	891884	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2301654	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1892844	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1357740	9.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.60%

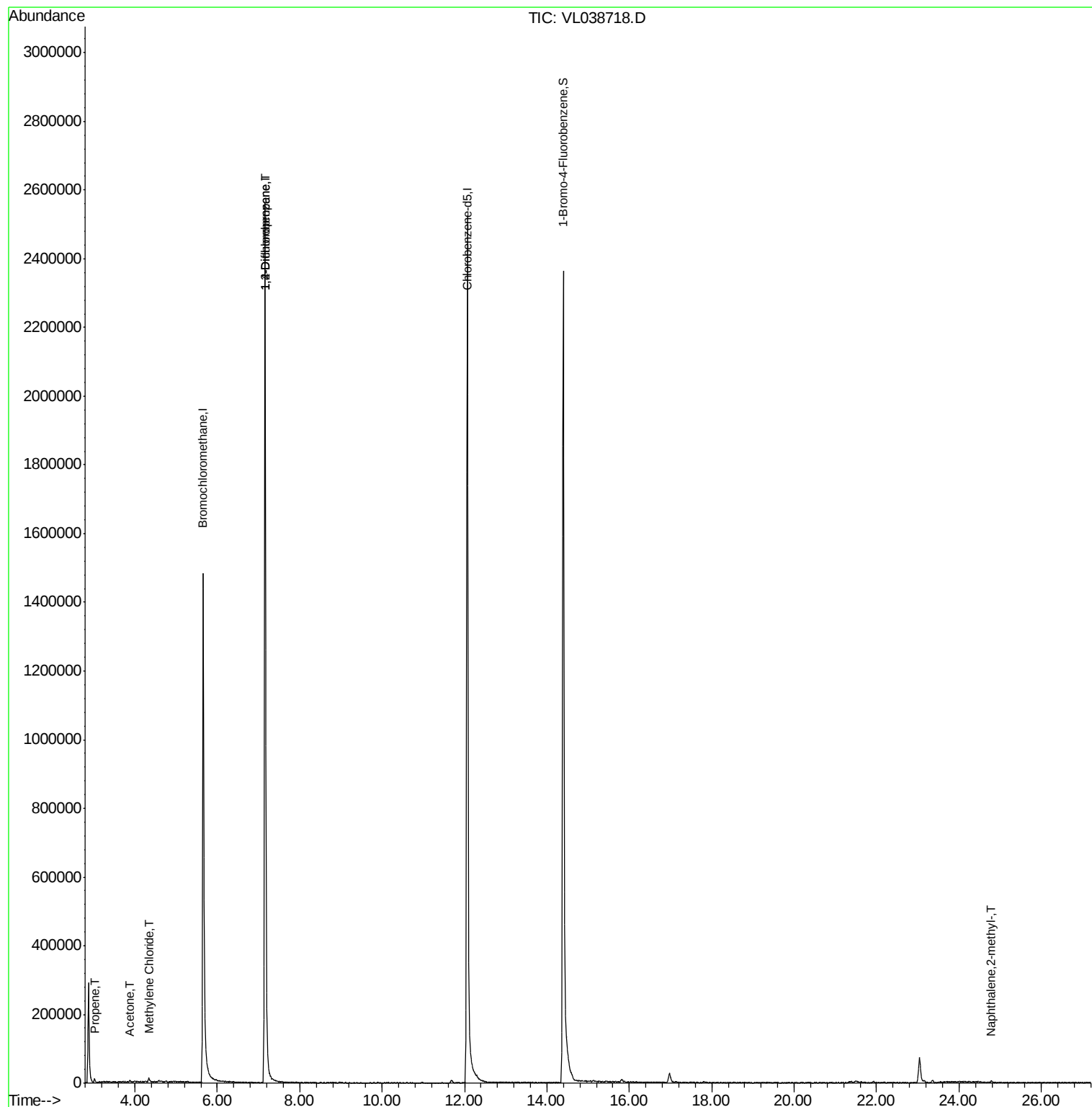
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3105	0.068	ppbv	95
15) Acetone	3.87	43	2623	0.034	ppbv #	46
20) Methylene Chloride	4.34	84	2247	0.069	ppbv #	88
39) 1,2-Dichloropropane	7.16	63	540210	7.779	ppbv #	29
80) Naphthalene,2-methyl-	24.79	142	4114	0.093	ppbv	92

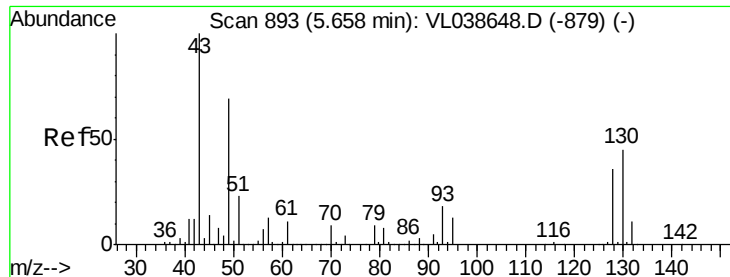
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032322\
Data File : VL038718.D
Acq On : 23 Mar 2022 16:31
Operator : SY/AP
Sample : OC032222 CAN 10598
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC032222 CAN 10598

Quant Time: Mar 24 04:34:10 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 23 Mar 2022 16:31

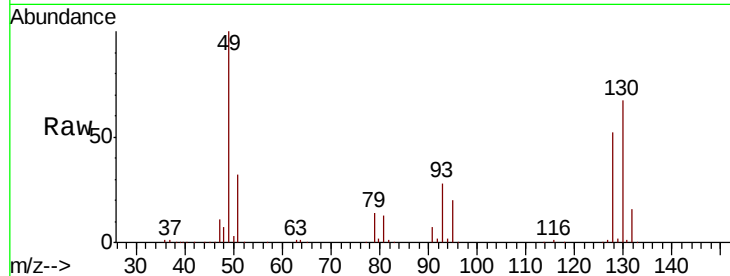
Tot Ion: 49 Resp: 891884

Ion Ratio Lower Upper

49 100

128 54.9 26.2 78.6

130 69.9 33.7 101.1



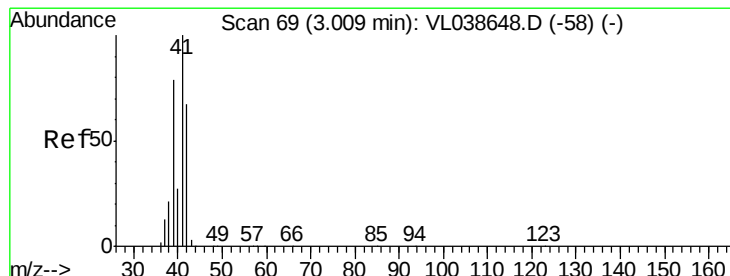
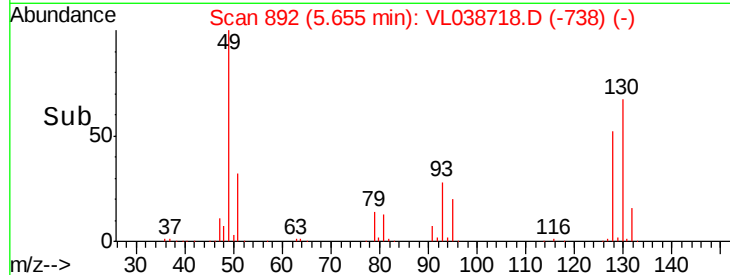
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.65

Time-->



#9

Propene

Concen: 0.068 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL038718.D

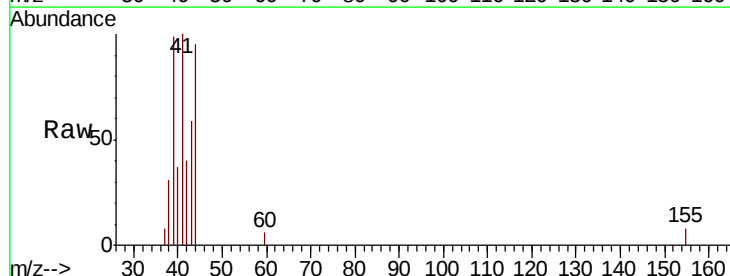
Acq: 23 Mar 2022 16:31

Tgt Ion: 41 Resp: 3105

Ion Ratio Lower Upper

41 100

42 74.6 56.2 84.4

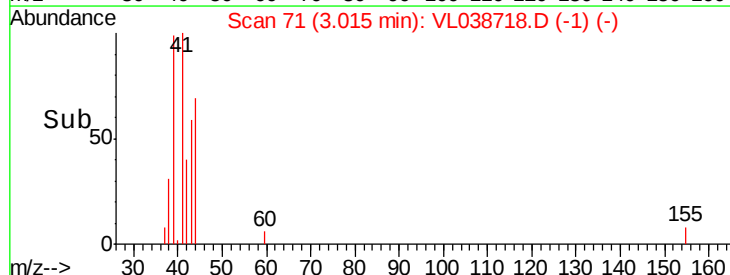


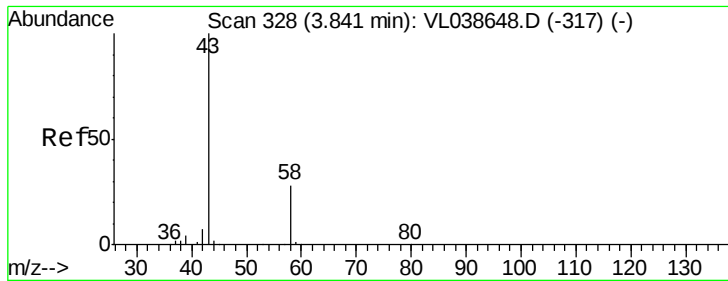
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

Time-->





#15

Acetone

Concen: 0.034 ppbv

RT: 3.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

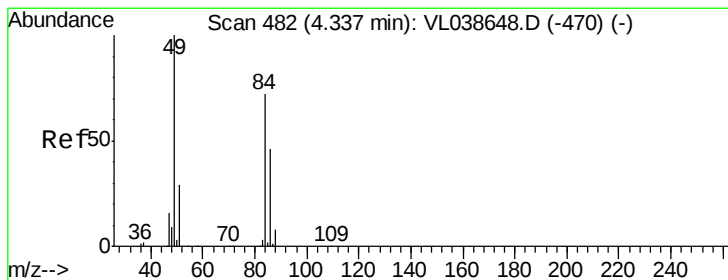
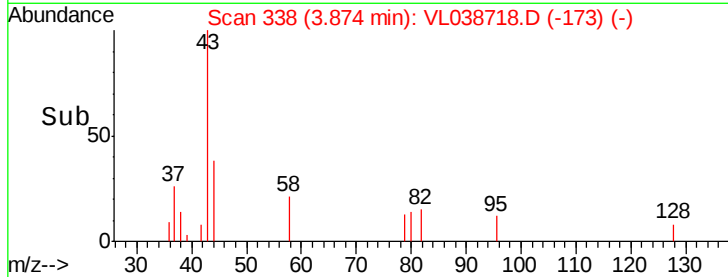
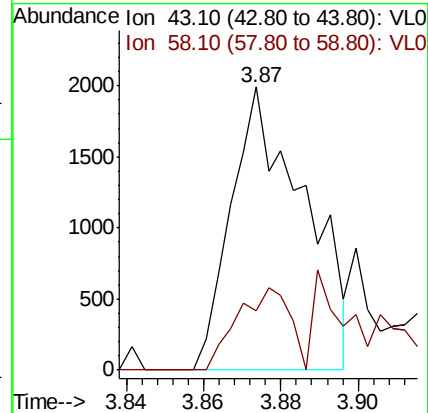
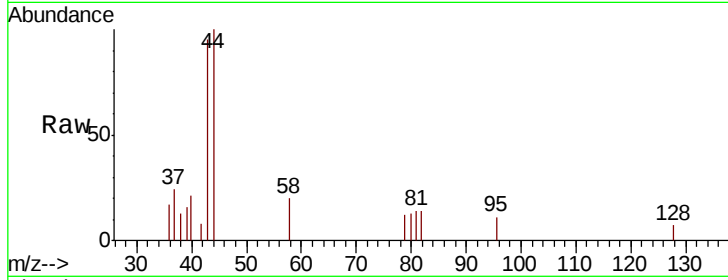
Acq: 23 Mar 2022 16:31 QC032222 CAN 10598

Tot Ion: 43 Resp: 2623

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



#20

Methylene Chloride

Concen: 0.069 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL038718.D

Acq: 23 Mar 2022 16:31

Tgt Ion: 84 Resp: 2247

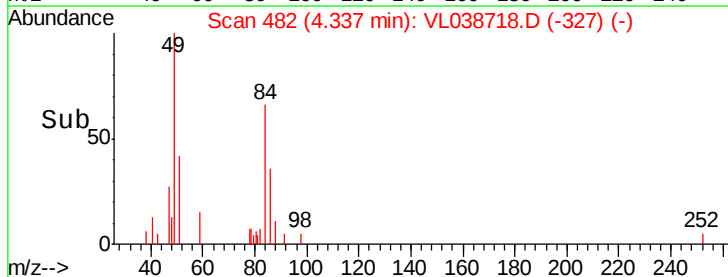
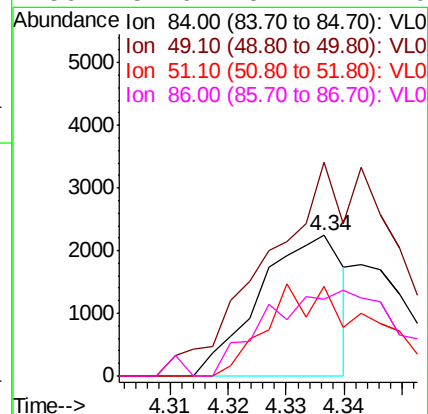
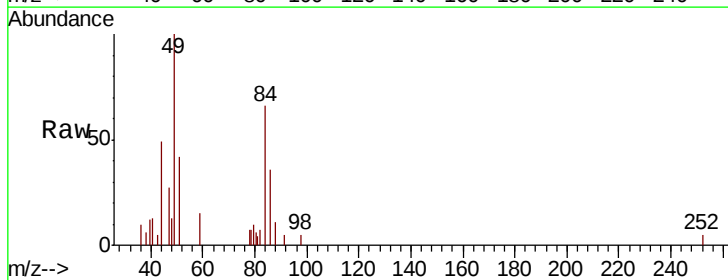
Ion Ratio Lower Upper

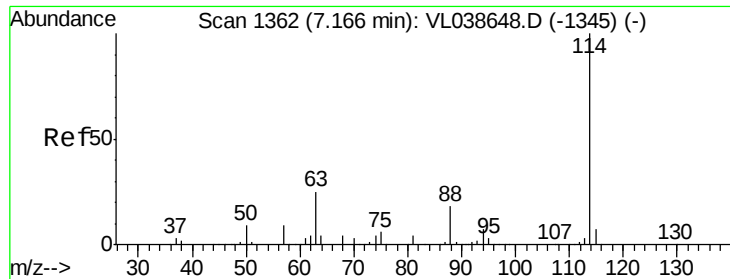
84 100

49 132.4 111.2 166.8

51 63.8 32.8 49.2#

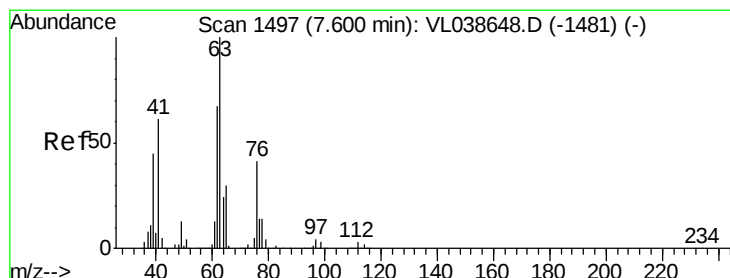
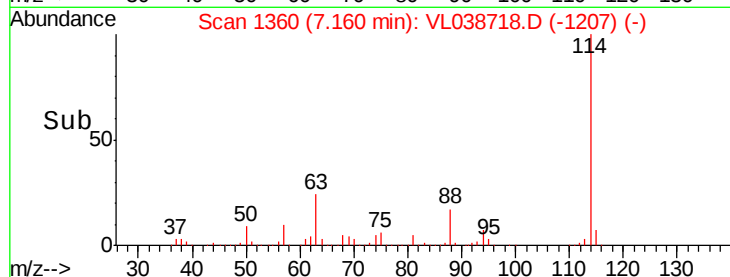
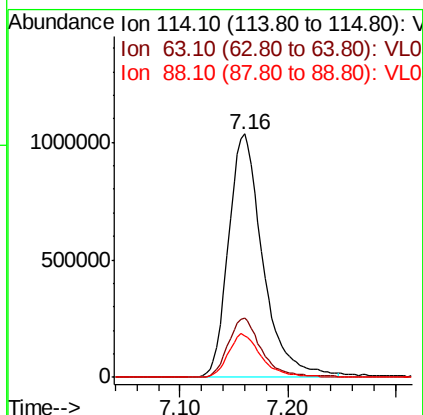
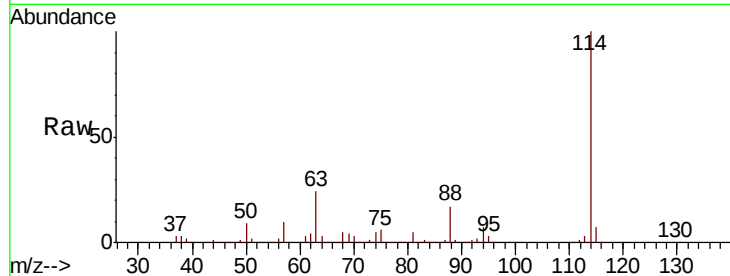
86 54.9 51.4 77.0





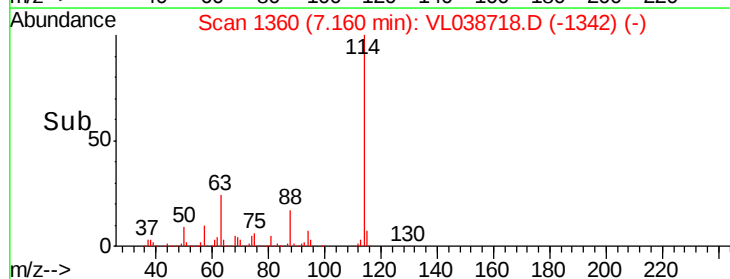
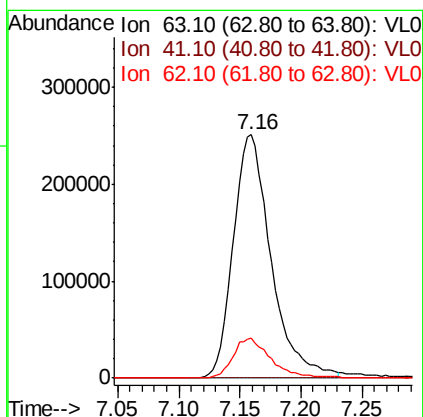
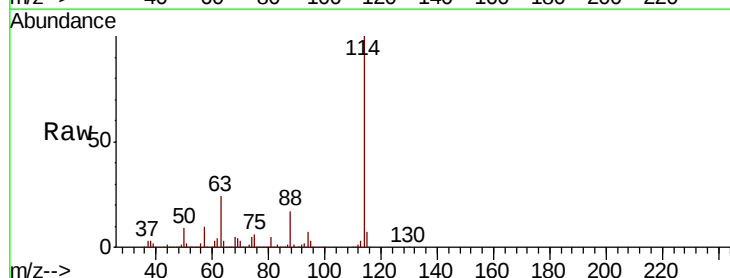
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OC032222 CAN 10598
 Acq: 23 Mar 2022 16:31

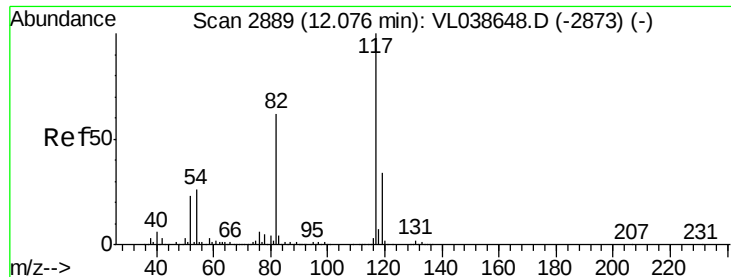
Tot Ion:114 Resp: 2301654
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.0
 88 17.6 13.9 20.9



#39
 1,2-Dichloropropane
 Concen: 7.779 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.44 min
 Lab File: VL038718.D
 Acq: 23 Mar 2022 16:31

Tgt Ion: 63 Resp: 540210
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.0 73.6#
 62 16.4 53.9 80.9#

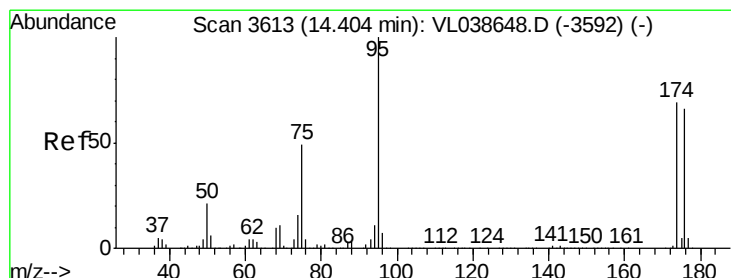
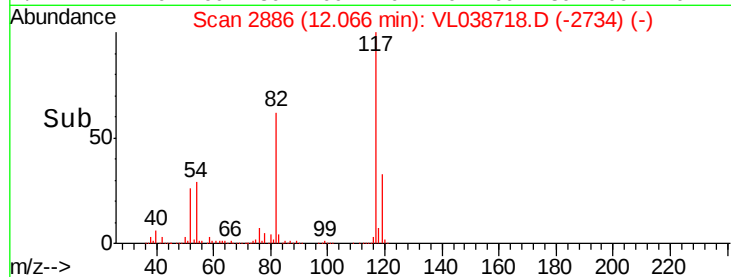
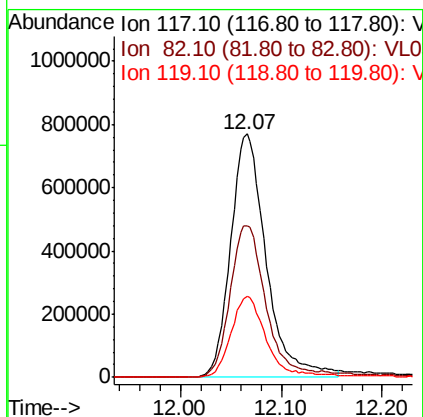
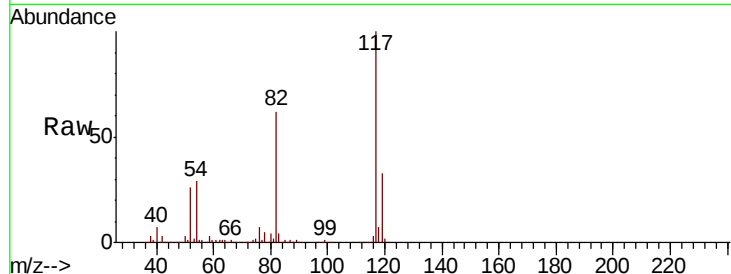




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
OC032222 CAN 10598
Acq: 23 Mar 2022 16:31

Tot Ion:117 Resp: 1892844

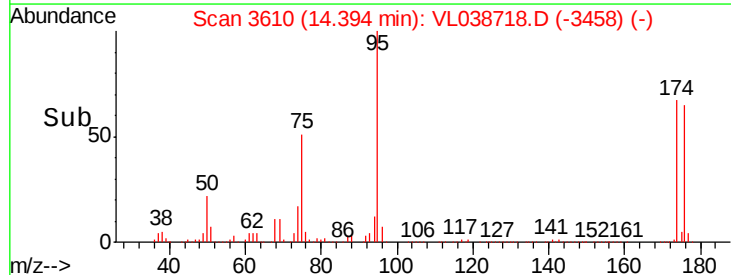
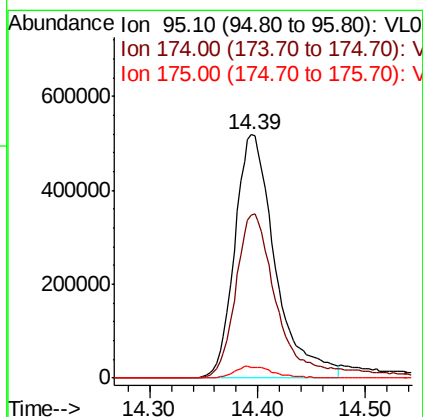
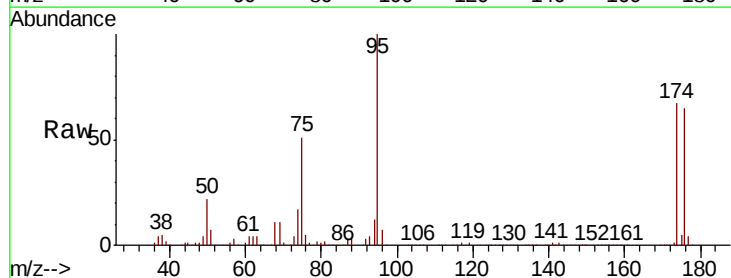
Ion	Ratio	Lower	Upper
117	100		
82	66.7	51.6	77.4
119	34.2	26.9	40.3

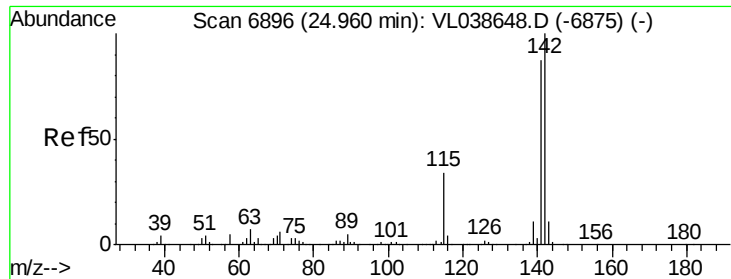


#68
1-Bromo-4-Fluorobenzene
Concen: 9.356 ppbv
RT: 14.39 min Scan# 3610
Delta R.T.: -0.01 min
Lab File: VL038718.D
Acq: 23 Mar 2022 16:31

Tgt Ion: 95 Resp: 1357740

Ion	Ratio	Lower	Upper
95	100		
174	72.7	56.1	84.1
175	5.2	4.2	6.2





#80

Naphthalene, 2-methyl-

Concen: 0.093 ppbv

RT: 24.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

QC032222 CAN 10598

Acq: 23 Mar 2022 10:51

Tot Ion: 142 Resp: 4114

Ion Ratio Lower Upper

142 100

141 91.8 66.4 99.6

115 36.8 27.8 41.6

