

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038072.D
 Acq On : 19 Nov 2021 2:56
 Operator : SY/AP
 Sample : M4751-01DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1DL

Quant Time: Nov 25 20:51:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	745331	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2252236	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1933330	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1385311	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

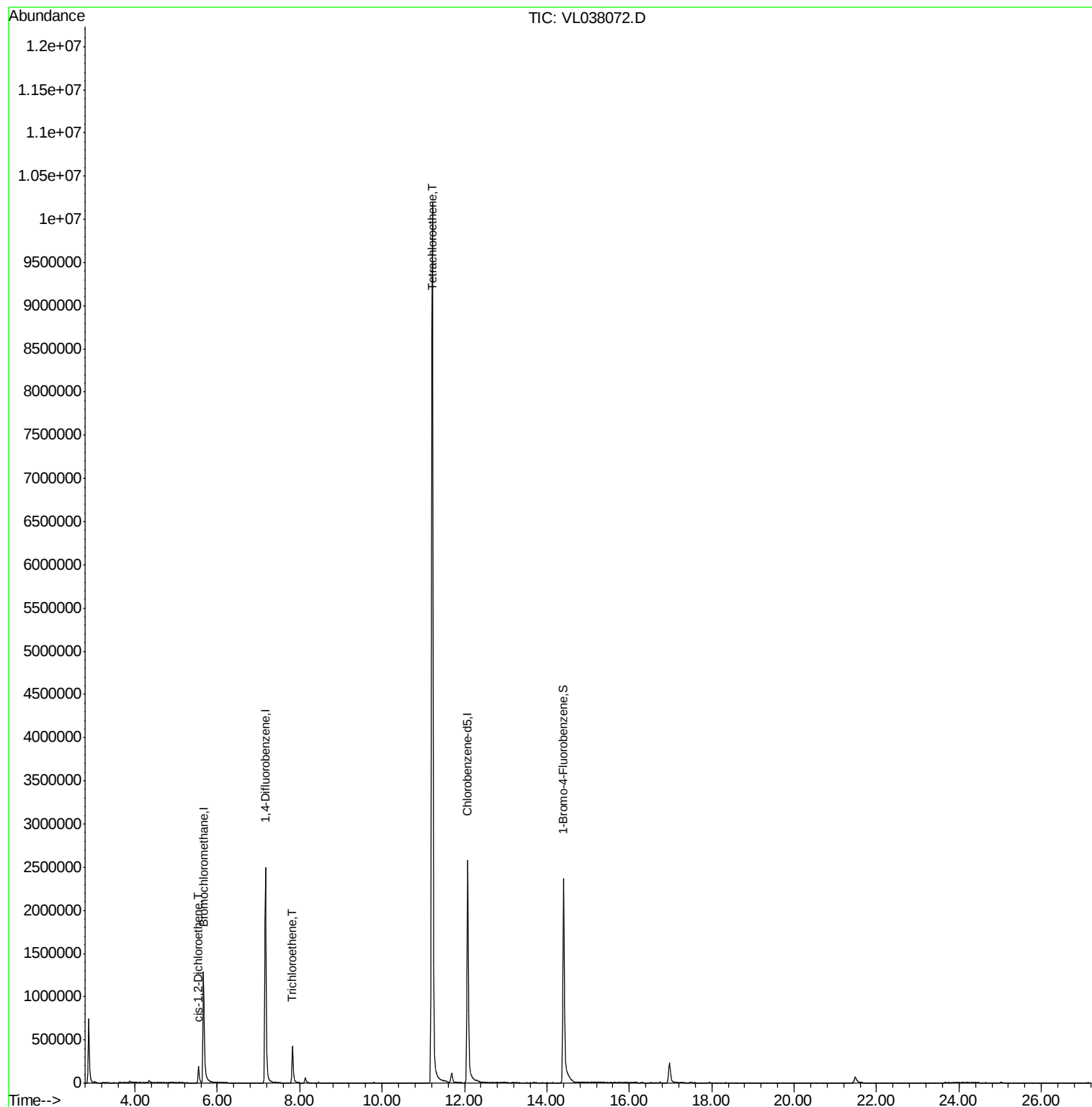
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.54	61	123243	1.252	ppbv	97
38) Trichloroethene	7.83	130	147641	1.742	ppbv	97
52) Tetrachloroethene	11.22	164	3144122	37.822	ppbv	96

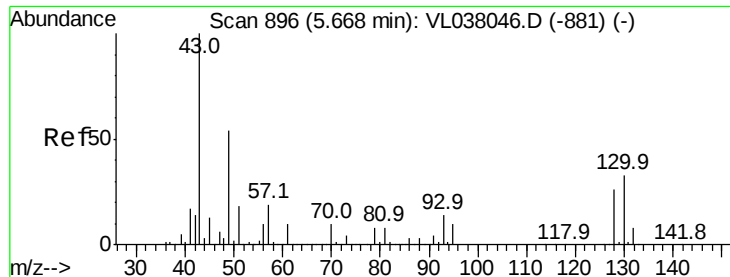
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111821\
Data File : VL038072.D
Acq On : 19 Nov 2021 2:56
Operator : SY/AP
Sample : M4751-01DL 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL

Quant Time: Nov 25 20:51:15 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 2:56

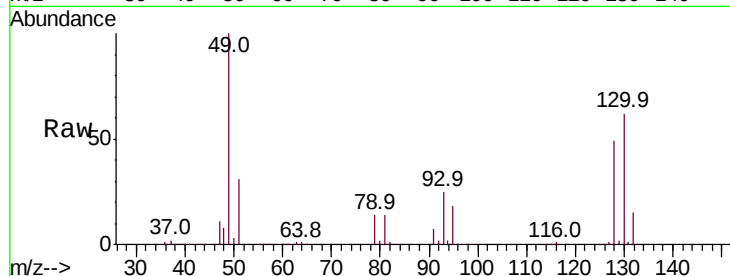
Tot Ion: 49 Resp: 745331

Ion Ratio Lower Upper

49 100

128 52.6 26.5 79.5

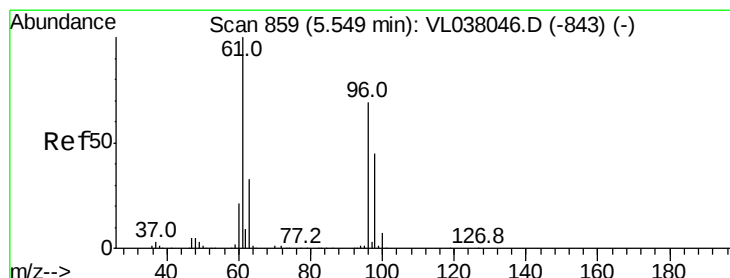
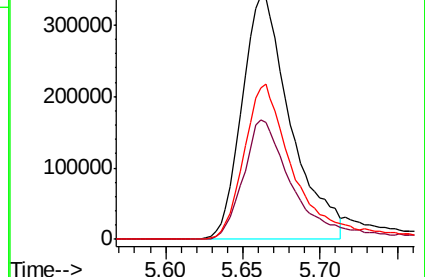
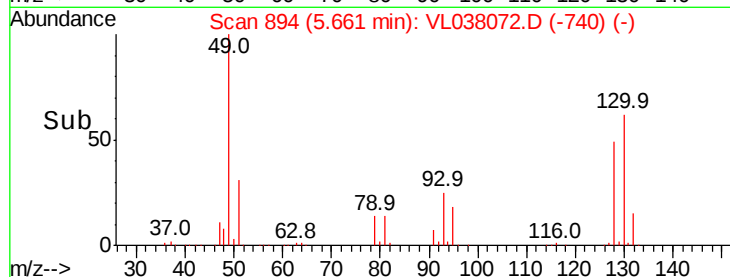
130 68.8 32.5 97.4



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



#31

cis-1,2-Dichloroethene

Concen: 1.252 ppbv

RT: 5.54 min Scan# 857

Delta R.T. -0.01 min

Lab File: VL038072.D

Acq: 19 Nov 2021 2:56

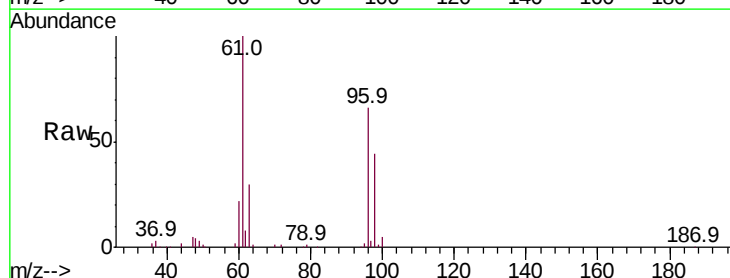
Tgt Ion: 61 Resp: 123243

Ion Ratio Lower Upper

61 100

96 66.2 55.4 83.2

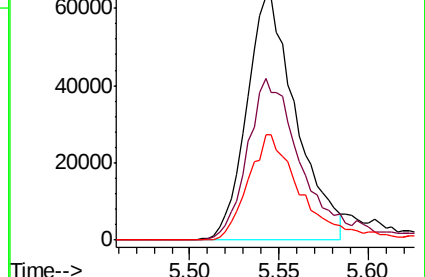
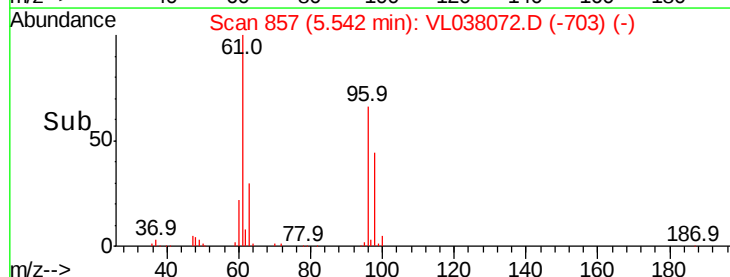
98 43.5 35.7 53.5

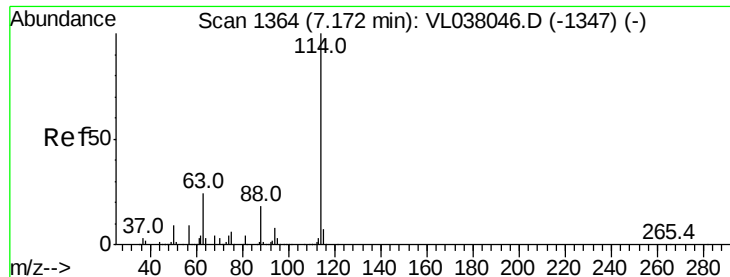


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

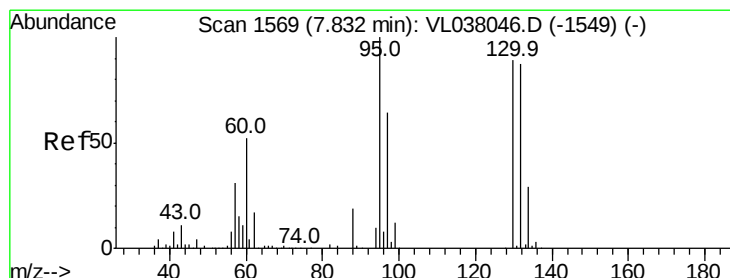
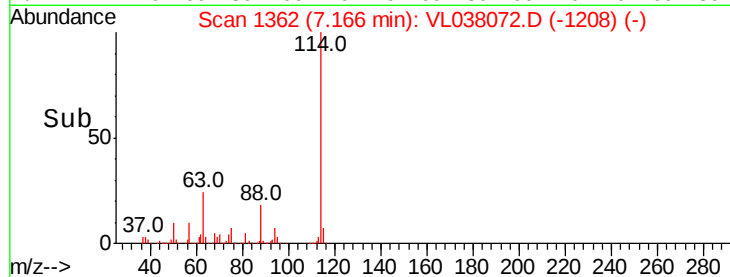
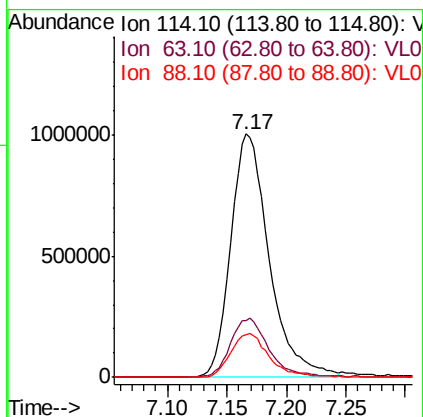
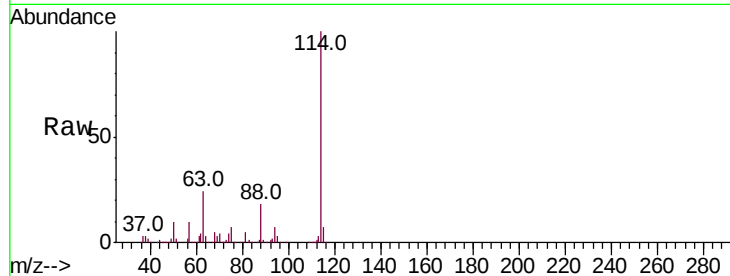
Ion 98.00 (97.70 to 98.70): VL0





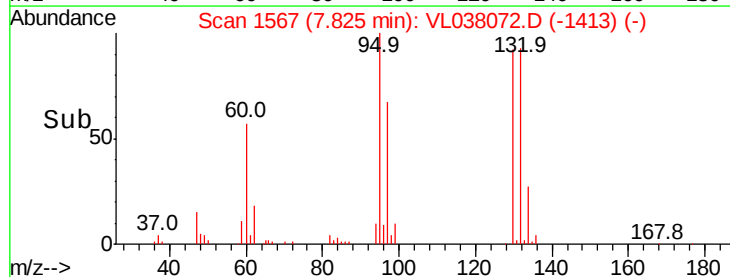
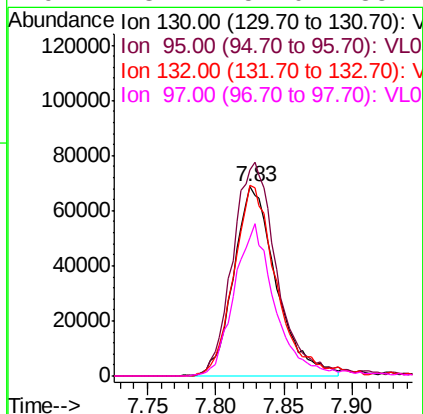
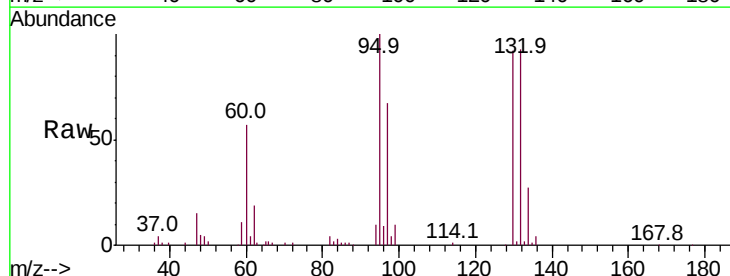
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SVP-1DL
 Acq: 19 Nov 2021 2:56

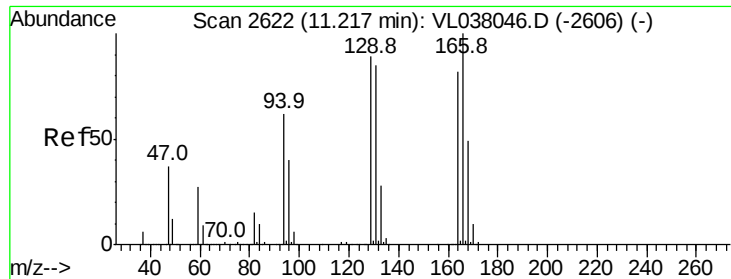
Tot Ion:114 Resp: 2252236
 Ion Ratio Lower Upper
 114 100
 63 24.9 19.7 29.5
 88 18.3 14.4 21.6



#38
 Trichloroethene
 Concen: 1.742 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL038072.D
 Acq: 19 Nov 2021 2:56

Tgt Ion:130 Resp: 147641
 Ion Ratio Lower Upper
 130 100
 95 109.1 89.4 134.2
 132 101.6 78.2 117.2
 97 73.2 57.0 85.4





#52

Tetrachloroethene

Concen: 37.822 ppbv

RT: 11.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 2:56

Tot Ion:164 Resp: 3144122

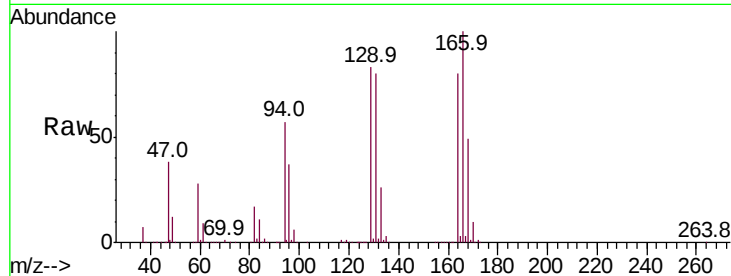
Ion Ratio Lower Upper

164 100

166 124.2 97.2 145.8

129 102.8 86.9 130.3

131 99.6 82.8 124.2

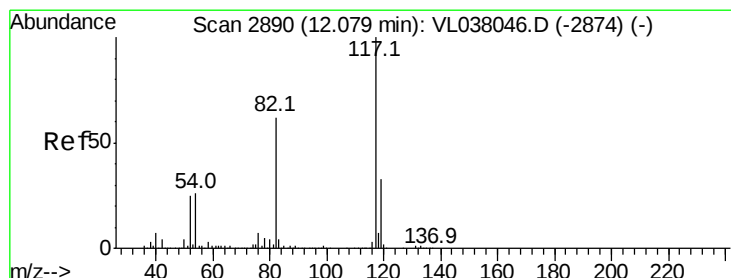
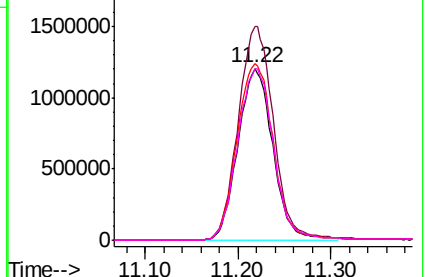
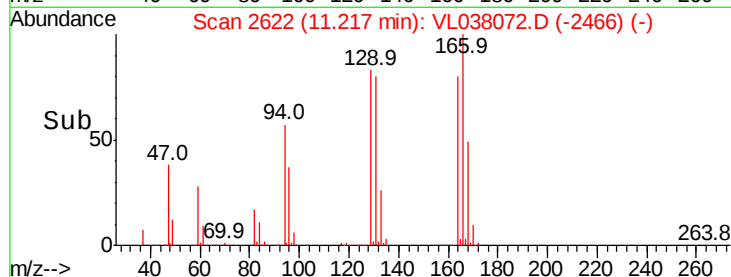


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VL038072.D

Acq: 19 Nov 2021 2:56

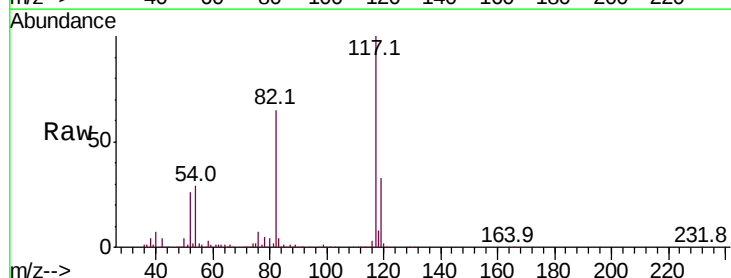
Tgt Ion:117 Resp: 1933330

Ion Ratio Lower Upper

117 100

82 66.9 52.8 79.2

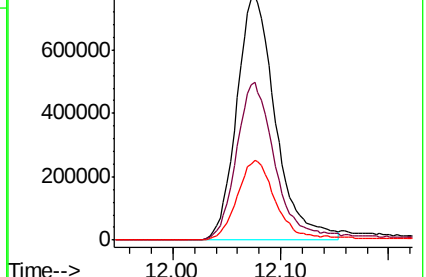
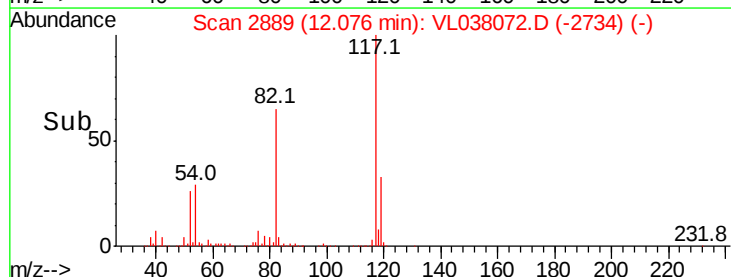
119 33.8 26.8 40.2

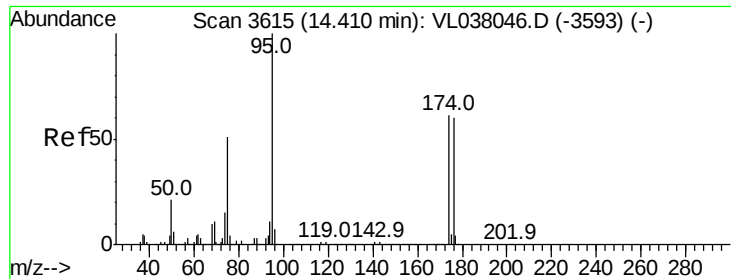


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.934 ppbv

RT: 14.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 2:30

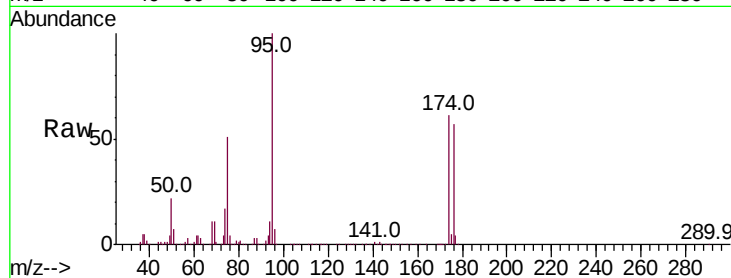
Tot Ion: 95 Resp: 1385311

Ion Ratio Lower Upper

95 100

174 67.1 53.1 79.7

175 5.0 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

