

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\
 Data File : VL039290.D
 Acq On : 15 Jun 2022 8:25
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 16 01:13:57 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1405015	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3991853	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3667149	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2750298	9.07	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.70%

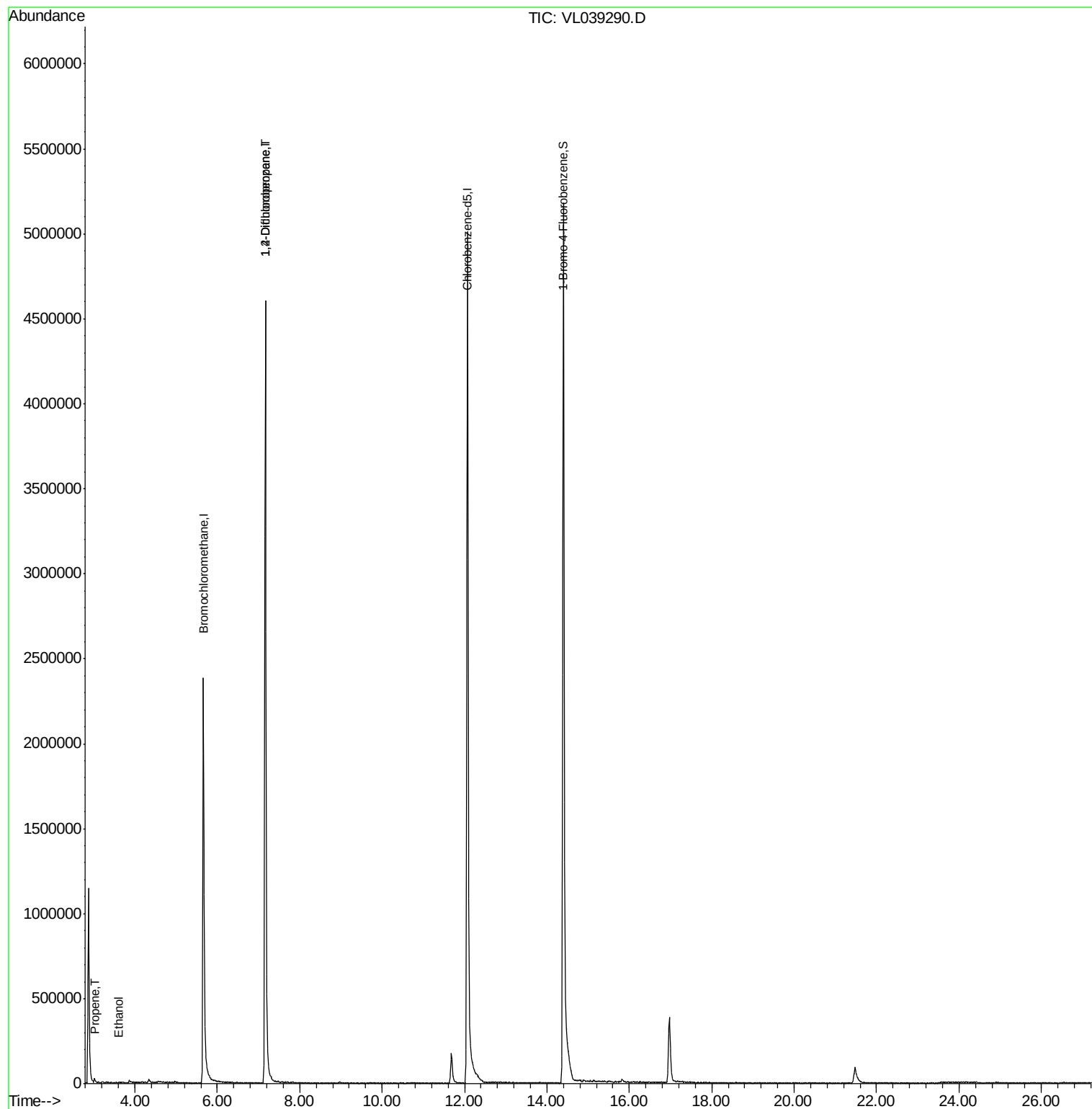
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	5111	0.066	ppbv	96
13) Ethanol	3.62	45	188	0.044	ppbv #	100
39) 1,2-Dichloropropane	7.16	63	951037	7.378	ppbv #	25

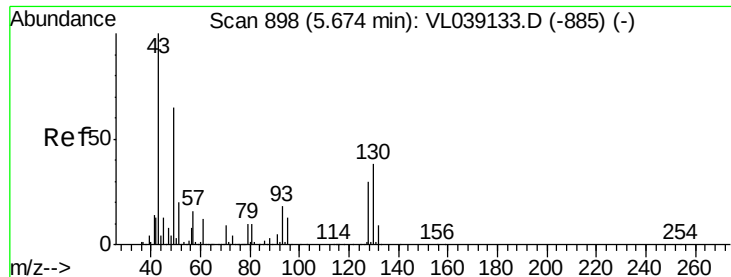
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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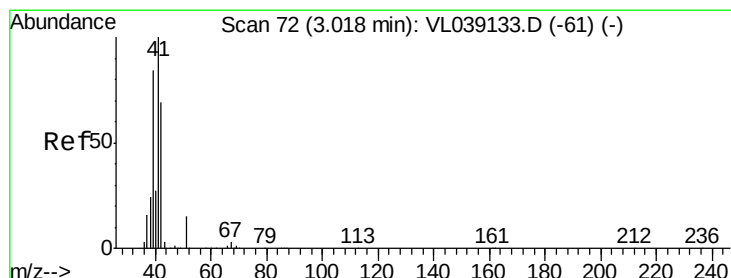
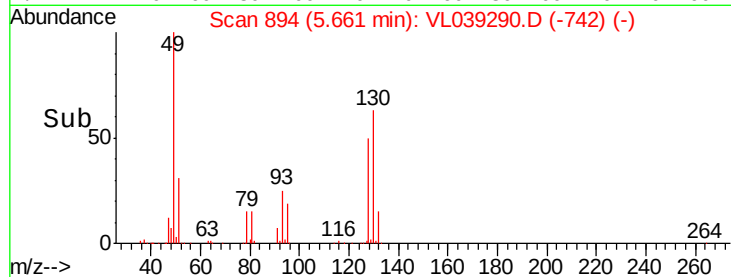
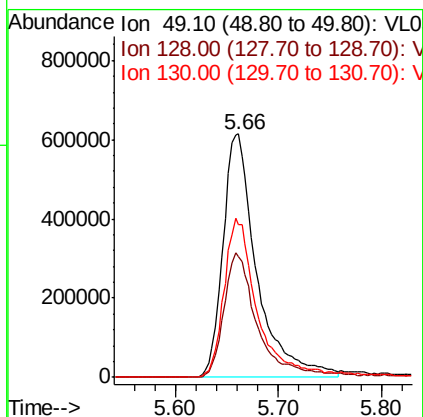
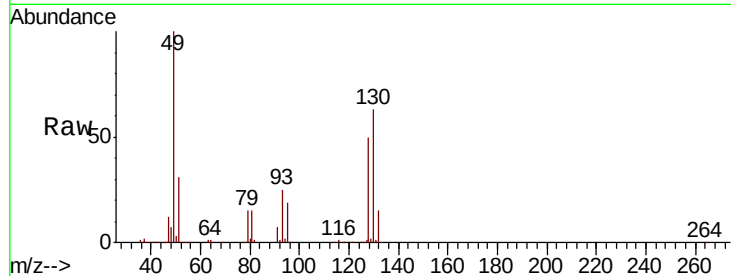
Quant Time: Jun 16 01:13:57 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
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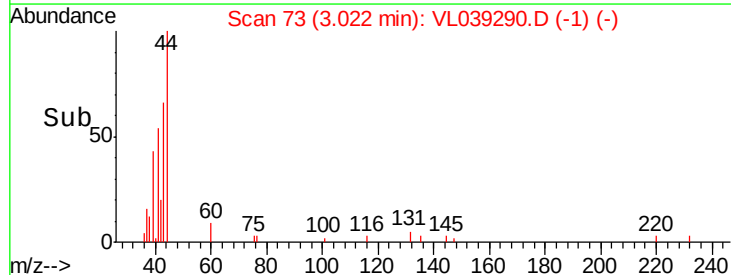
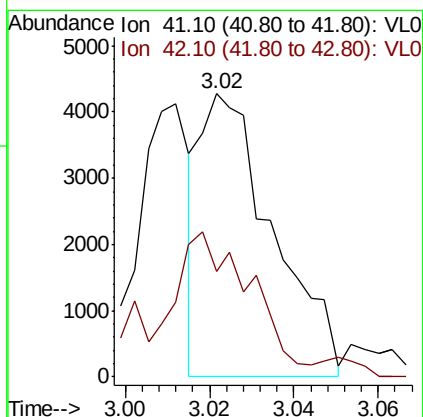
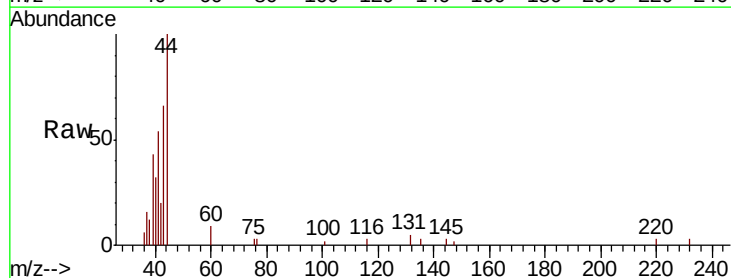
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 15 Jun 2022 8:25

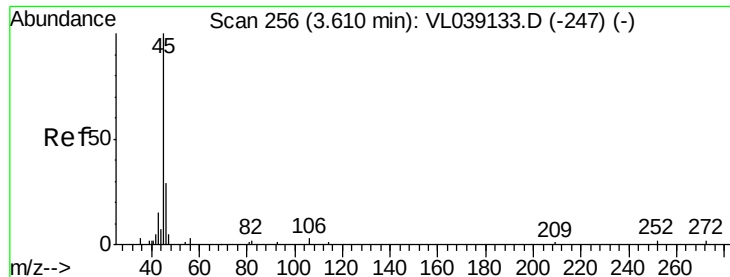
Tot Ion: 49 Resp: 1405015
 Ion Ratio Lower Upper
 49 100
 128 52.6 24.7 74.1
 130 66.4 31.4 94.0



#9
 Propene
 Concen: 0.066 ppbv
 RT: 3.02 min Scan# 73
 Delta R.T.: 0.00 min
 Lab File: VL039290.D
 Acq: 15 Jun 2022 8:25

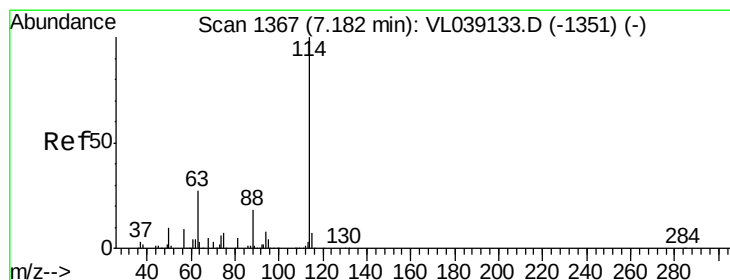
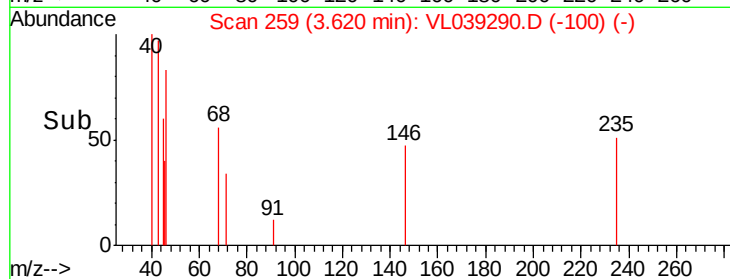
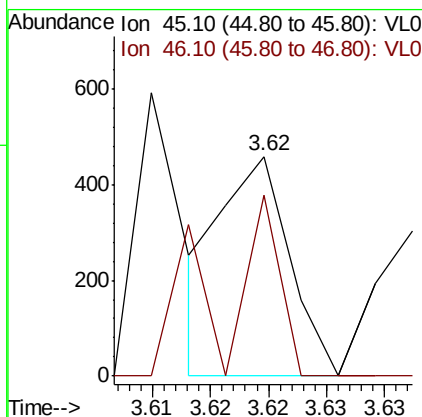
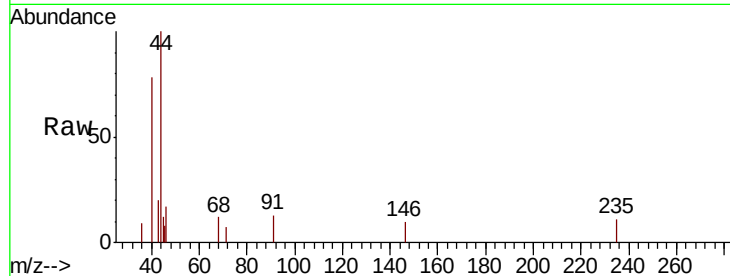
Tgt Ion: 41 Resp: 5111
 Ion Ratio Lower Upper
 41 100
 42 72.4 55.4 83.2





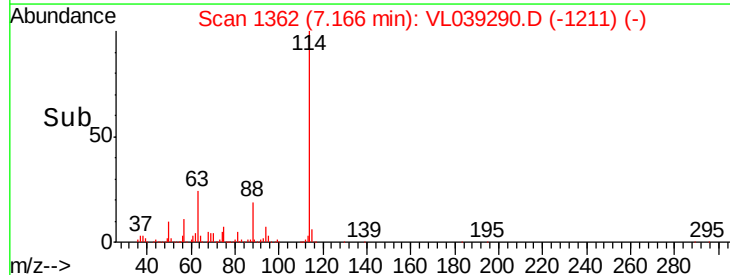
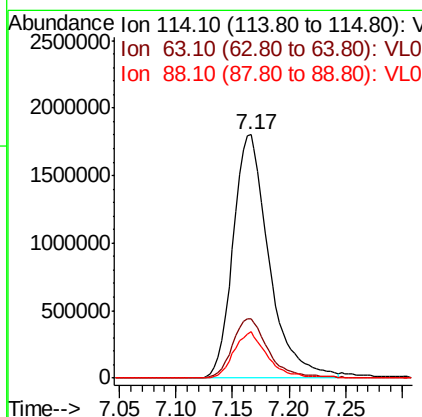
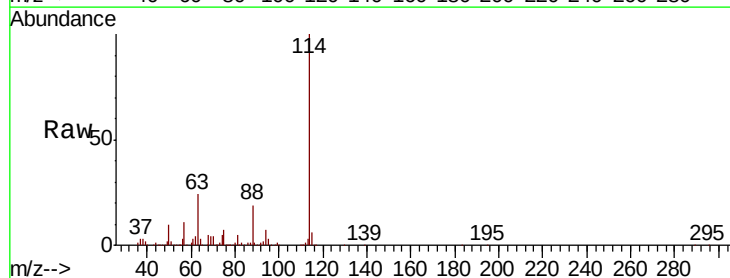
#13
 Ethanol
 Concen: 0.044 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Jun 2022 8:25

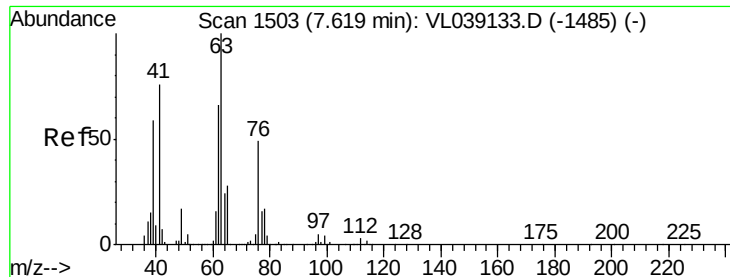
Tot Ion: 45 Resp: 188
 Ion Ratio Lower Upper
 45 100
 46 97.3 0.0 0.0#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: VL039290.D
 Acq: 15 Jun 2022 8:25

Tgt Ion: 114 Resp: 3991853
 Ion Ratio Lower Upper
 114 100
 63 24.8 21.7 32.5
 88 18.3 14.8 22.2





#39

1,2-Dichloropropane

Concen: 7.378 ppbv

RT: 7.16 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Jun 2022 8:25

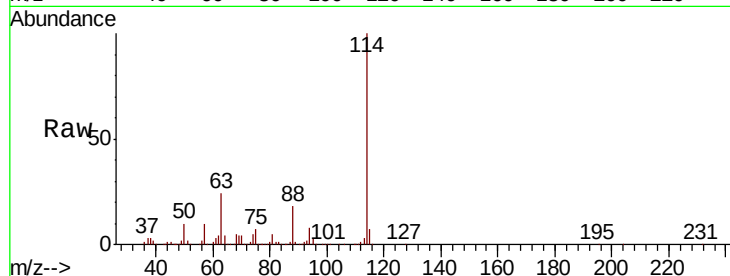
Tot Ion: 63 Resp: 951037

Ion Ratio Lower Upper

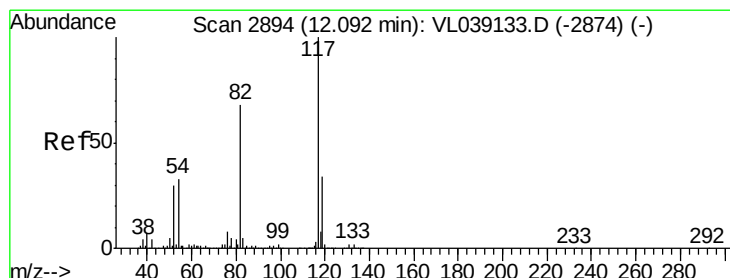
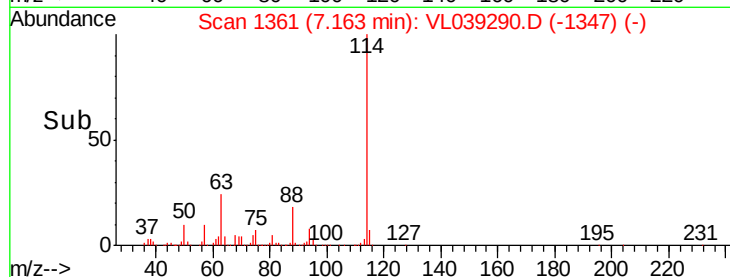
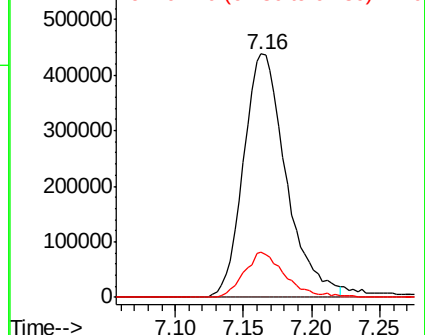
63 100

41 0.0 60.8 91.2#

62 18.3 52.9 79.3#



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 Scan# 2888

Delta R.T. -0.02 min

Lab File: VL039290.D

Acq: 15 Jun 2022 8:25

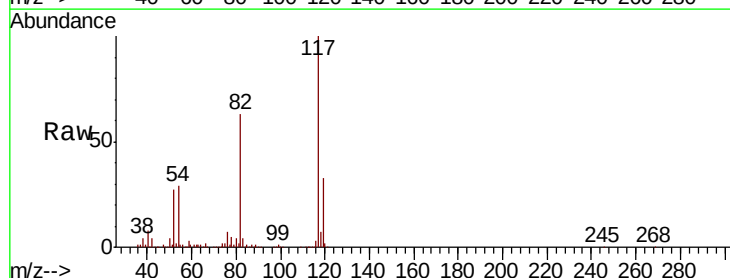
Tgt Ion: 117 Resp: 3667149

Ion Ratio Lower Upper

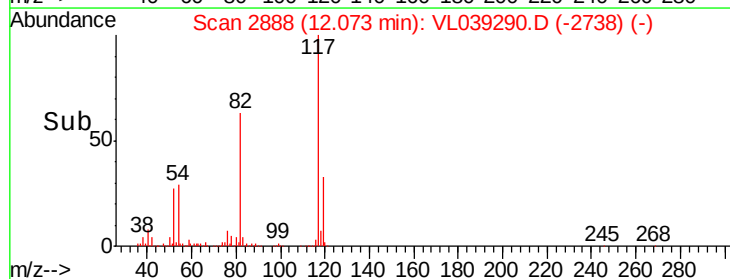
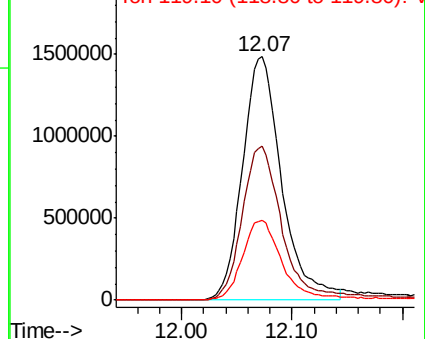
117 100

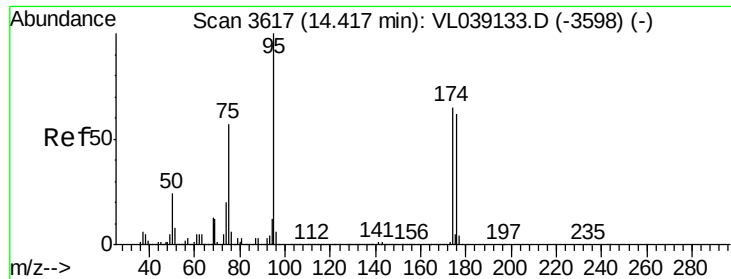
82 67.5 55.1 82.7

119 35.5 24.7 37.1



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.072 ppbv

RT: 14.40 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 15 Jun 2022 8:25

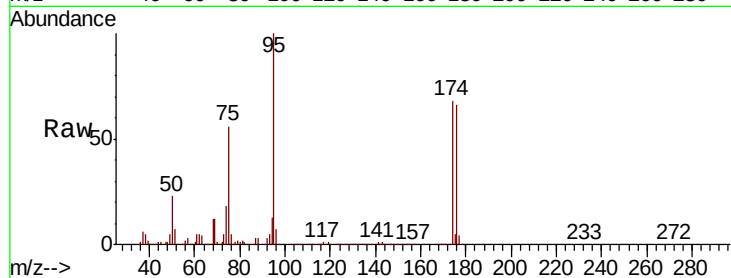
Tot Ion: 95 Resp: 2750298

Ion Ratio Lower Upper

95 100

174 75.6 53.8 80.8

175 5.4 4.1 6.1



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

