

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL039015.D
 Acq On : 10 May 2022 11:27
 Operator : SY/AP
 Sample : N2696-01DL 100X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: May 11 11:06:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1037029	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	2971015	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	2500659	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2112853	10.67	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

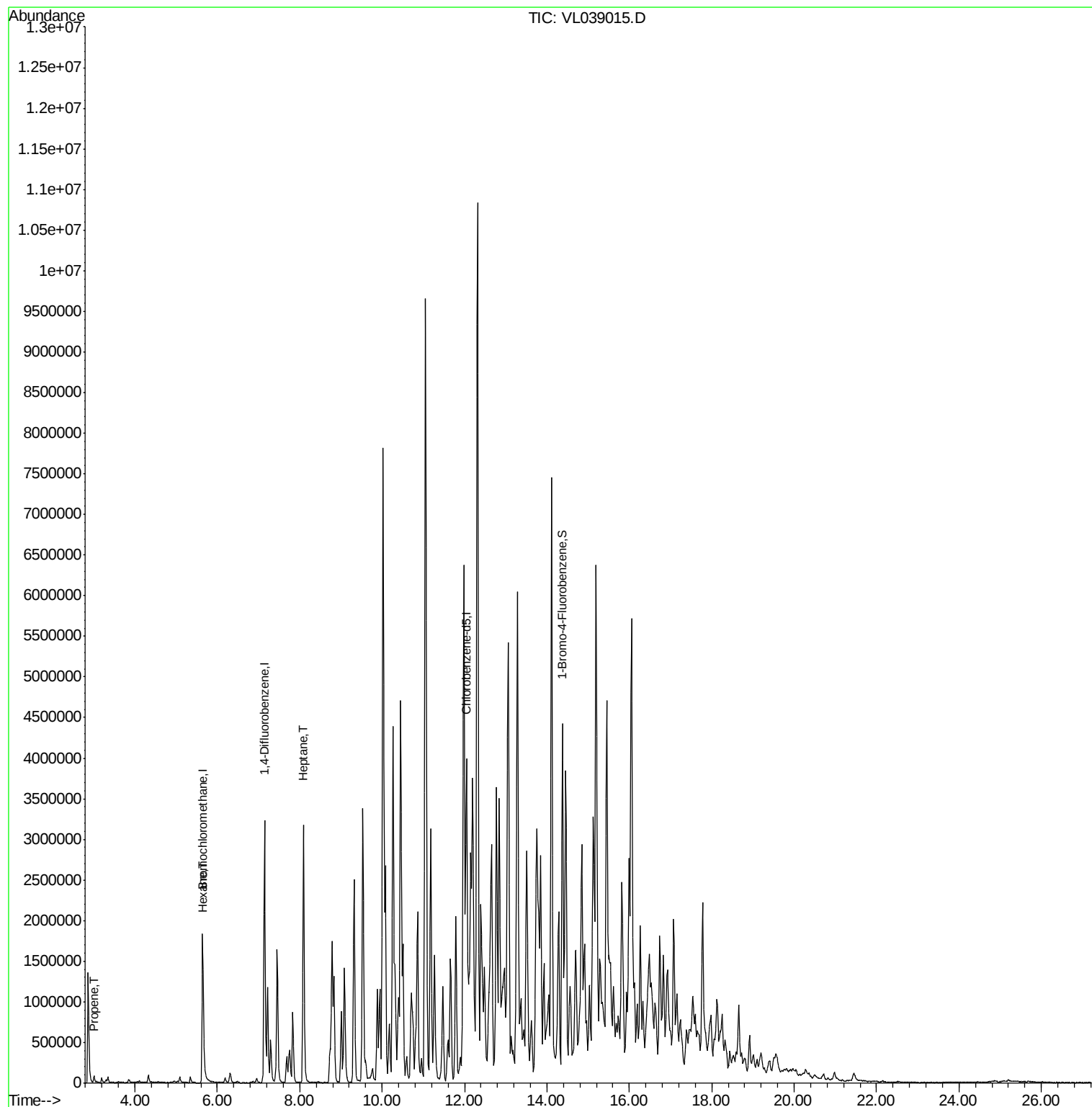
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	40964	0.729	ppbv	94
10) Heptane	8.09	43	1717053	12.454	ppbv	99
26) Hexane	5.66	57	156449	1.504	ppbv #	38

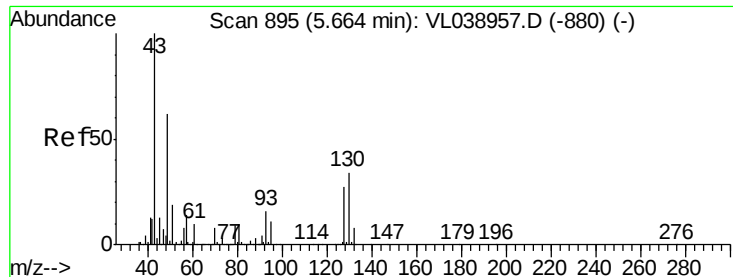
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV1DL

Acq: 10 May 2022 11:27

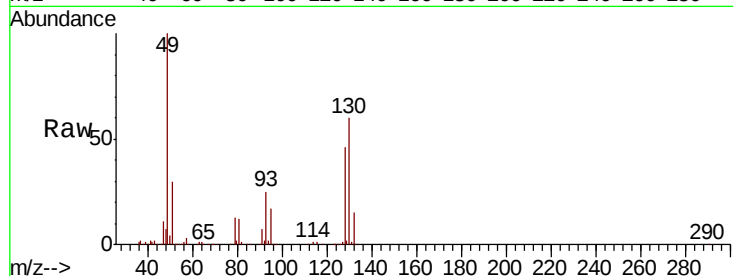
Tot Ion: 49 Resp: 1037029

Ion Ratio Lower Upper

49 100

128 51.9 23.3 69.8

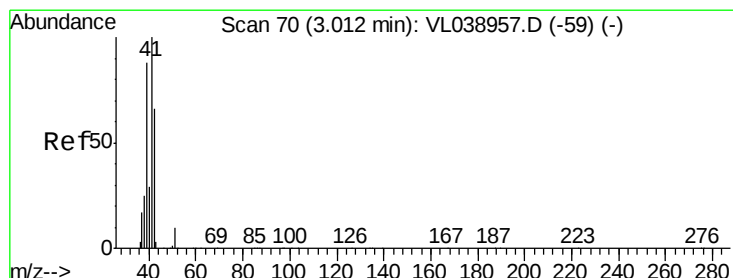
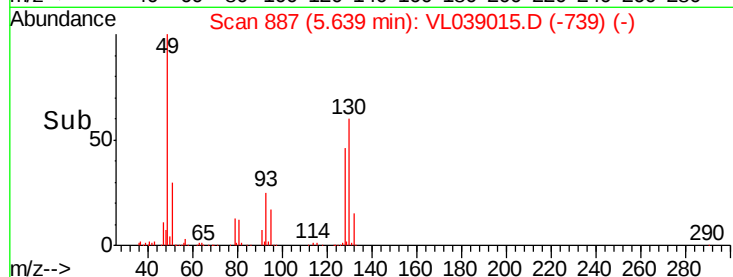
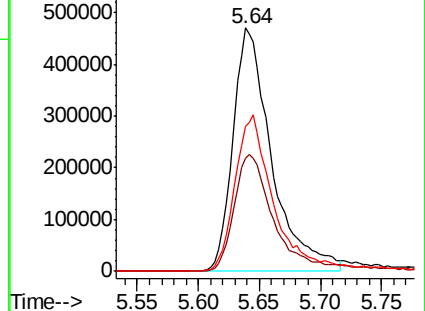
130 67.5 29.8 89.3



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



#9

Propene

Concen: 0.729 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL039015.D

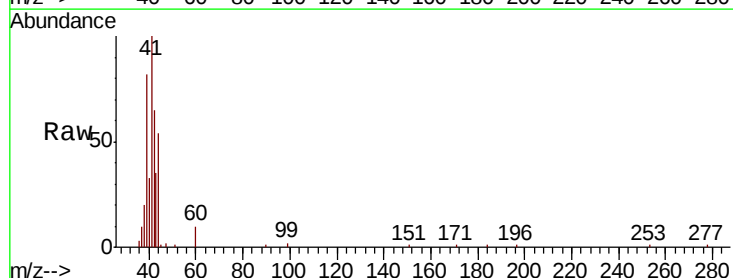
Acq: 10 May 2022 11:27

Tgt Ion: 41 Resp: 40964

Ion Ratio Lower Upper

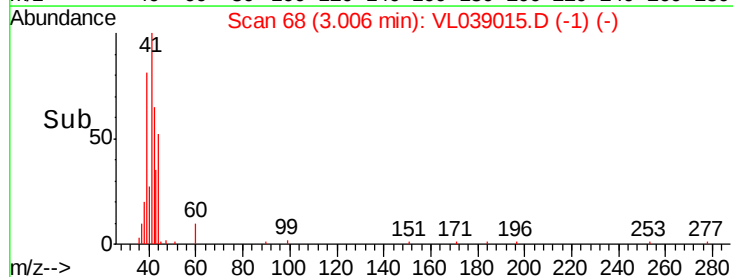
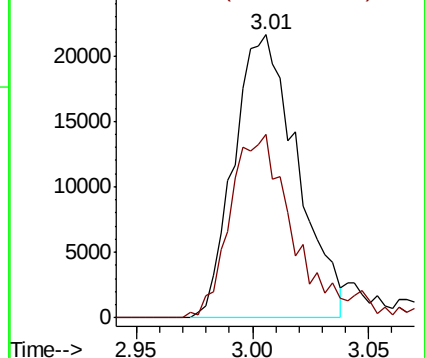
41 100

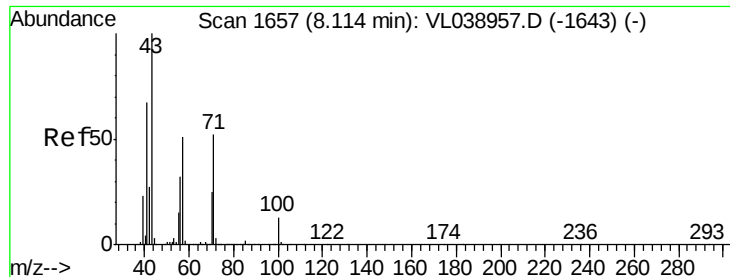
42 68.0 58.3 87.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

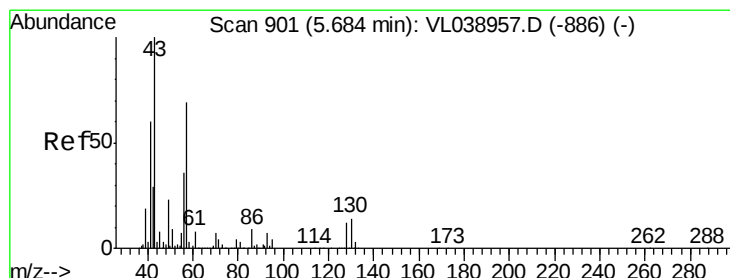
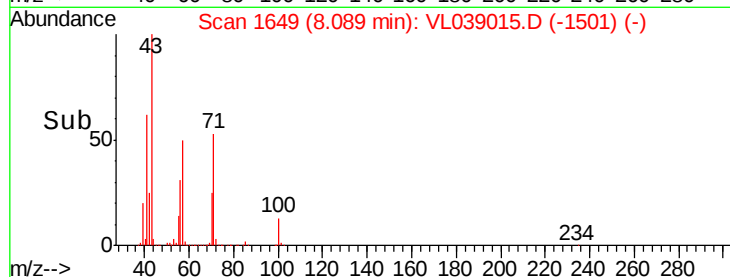
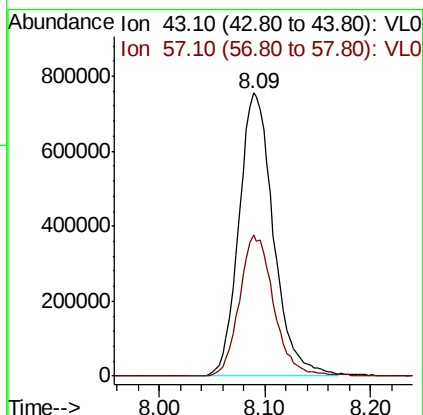
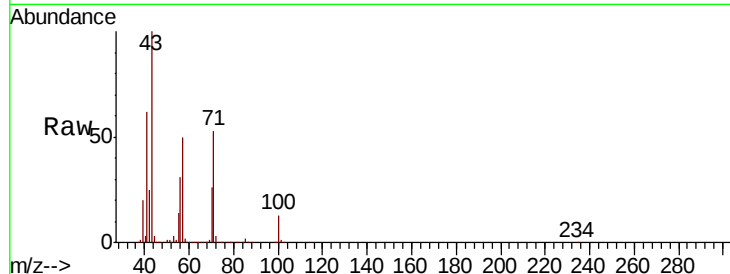
Ion 42.10 (41.80 to 42.80): VL0





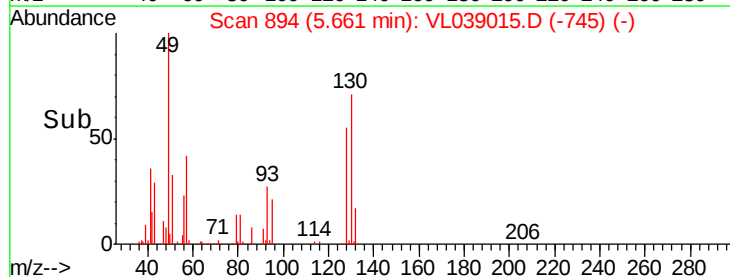
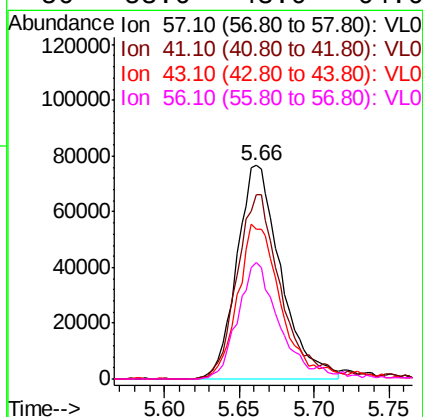
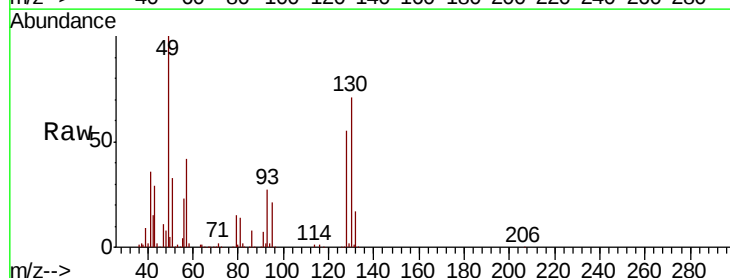
#10
 Heptane
 Concen: 12.454 ppbv
 RT: 8.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SV1DL
 Acq: 10 May 2022 11:27

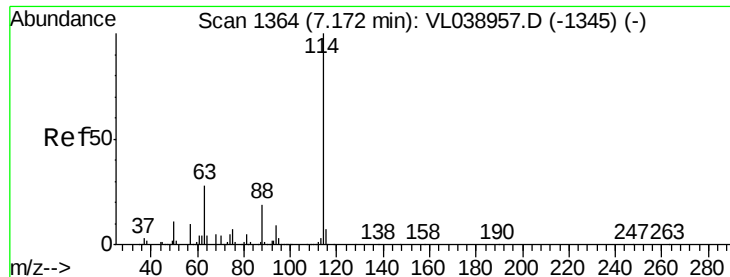
Tot Ion: 43 Resp: 1717053
 Ion Ratio Lower Upper
 43 100
 57 49.9 40.5 60.7



#26
 Hexane
 Concen: 1.504 ppbv
 RT: 5.66 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: VL039015.D
 Acq: 10 May 2022 11:27

Tgt Ion: 57 Resp: 156449
 Ion Ratio Lower Upper
 57 100
 41 86.9 75.2 112.8
 43 73.1 190.8 286.2#
 56 53.6 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

SV1DL

Acq: 10 May 2022 11:27

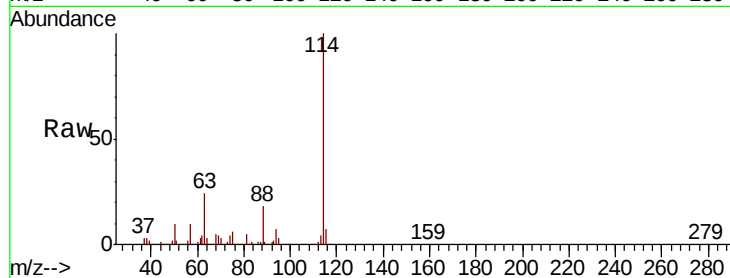
Tot Ion:114 Resp: 2971015

Ion Ratio Lower Upper

114 100

63 23.4 22.6 33.8

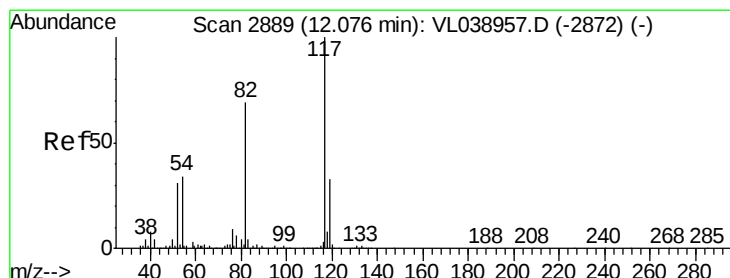
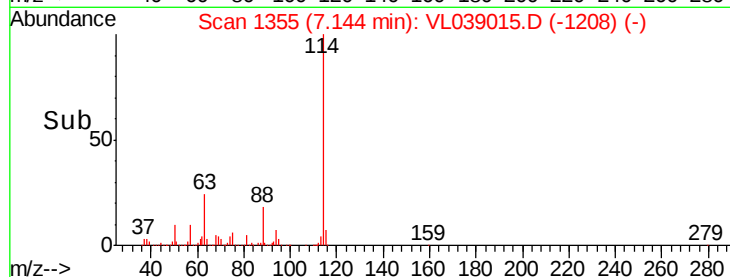
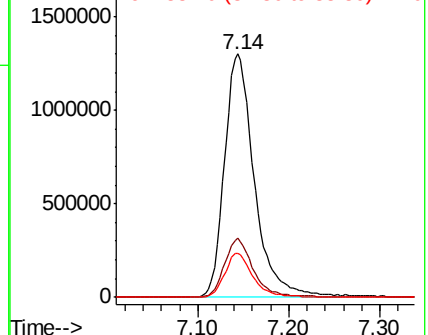
88 17.3 15.4 23.0



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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2880

Delta R.T. -0.03 min

Lab File: VL039015.D

Acq: 10 May 2022 11:27

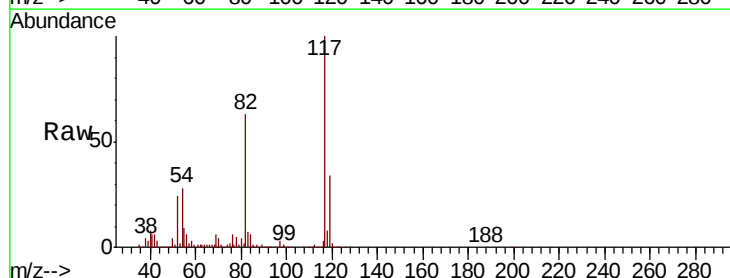
Tgt Ion:117 Resp: 2500659

Ion Ratio Lower Upper

117 100

82 64.9 57.0 85.6

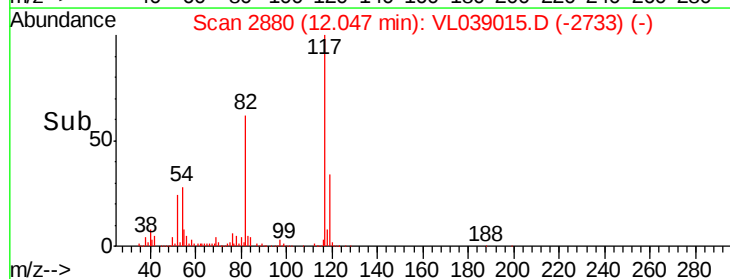
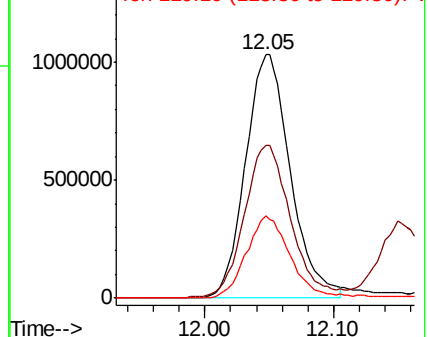
119 33.8 27.2 40.8

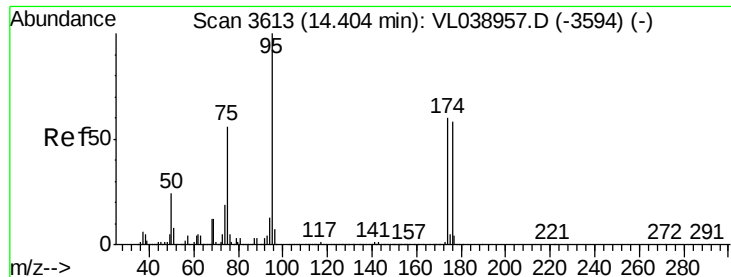


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.669 ppbv

RT: 14.37

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

SV1DL

Acq: 10 May 2022 11:27

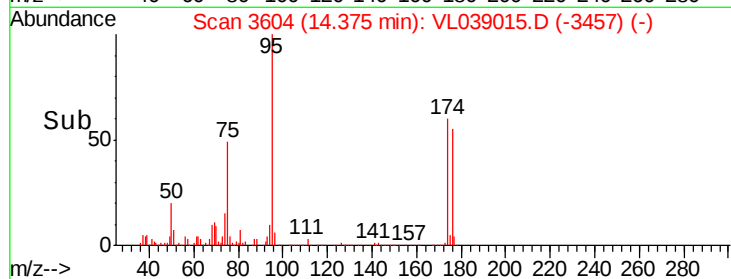
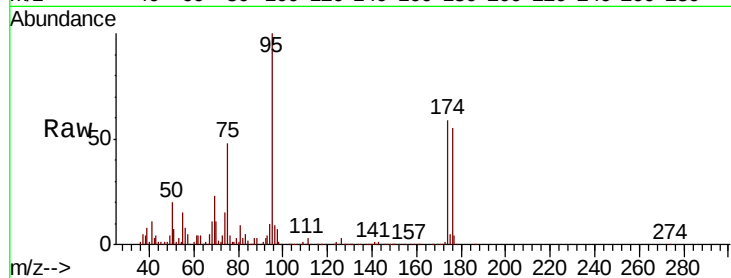
Tot Ion: 95 Resp: 2112853

Ion Ratio Lower Upper

95 100

174 59.9 50.8 76.2

175 4.4 3.8 5.6



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

