

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
Data File : VL035147.D
Acq On : 6 Jul 2020 14:22
Operator : SY/AP
Sample : QC062420 CAN 10197
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC062420 CAN 10197

Quant Time: Jul 07 05:03:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1057110	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2508219	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2332073	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2034574	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

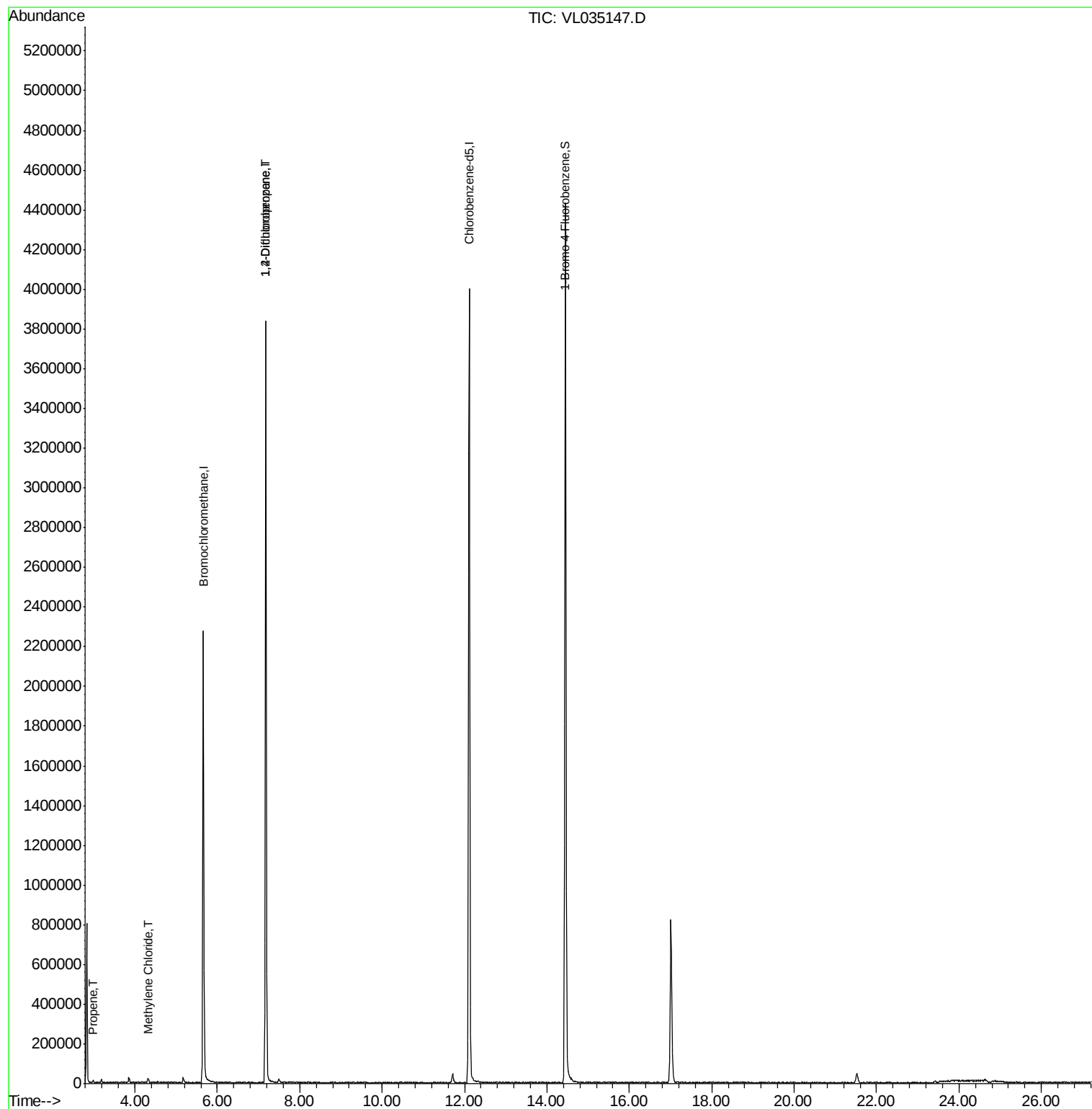
Target Compounds					Ovalue
9) Propene	2.98	41	2061	0.045 ppbv	93
20) Methylene Chloride	4.32	84	6496	0.126 ppbv #	81
39) 1,2-Dichloropropane	7.18	63	696193	9.165 ppbv #	24

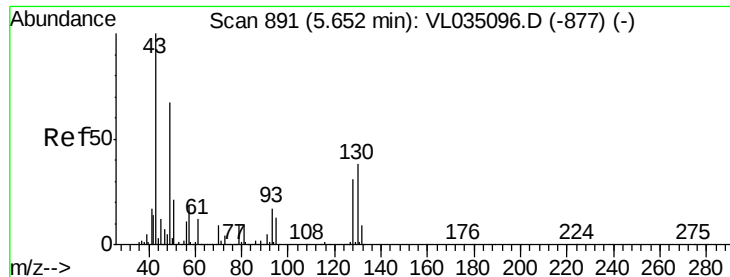
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC062420 CAN 10197

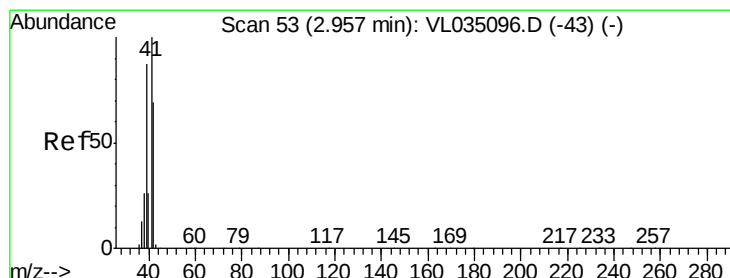
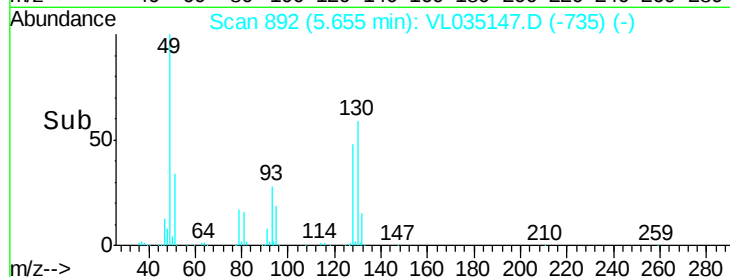
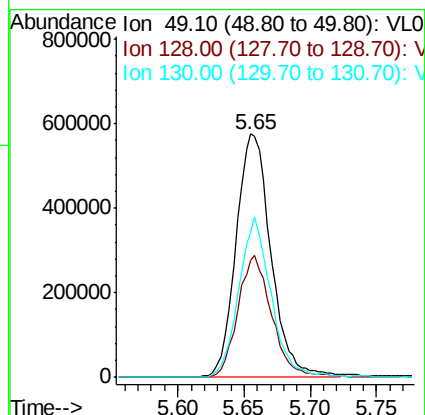
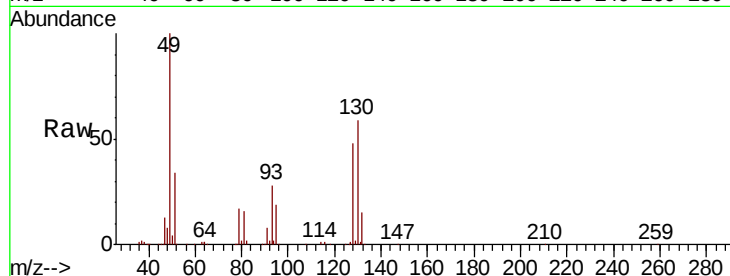
Tot Ion: 49 Resp: 1057110

Ion Ratio Lower Upper

49 100

128 49.0 22.9 68.5

130 61.1 29.0 87.0



#9

Propene

Concen: 0.045 ppbv

RT: 2.98 min Scan# 59

Delta R.T. 0.02 min

Lab File: VL035147.D

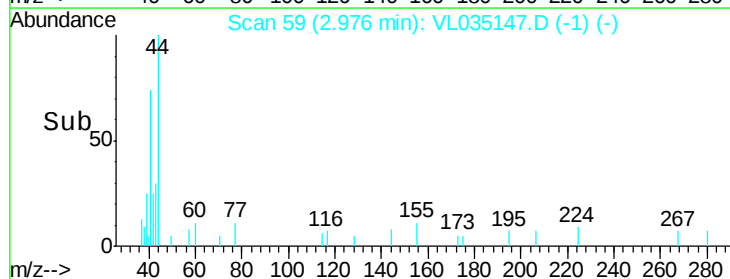
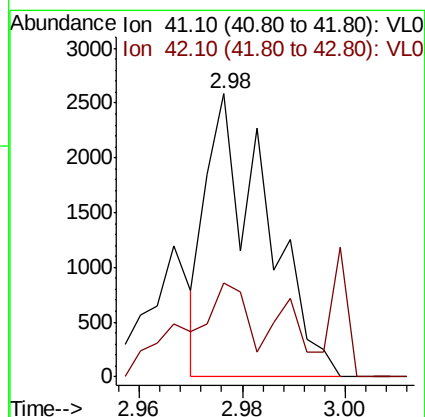
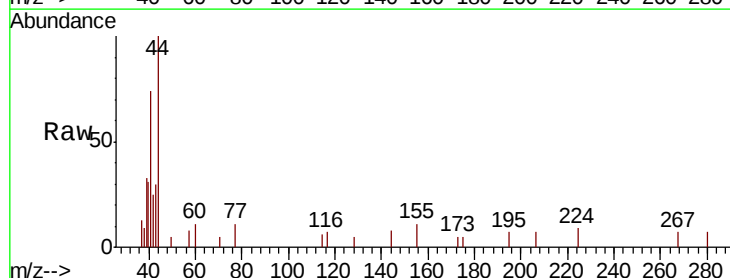
Acq: 6 Jul 2020 14:22

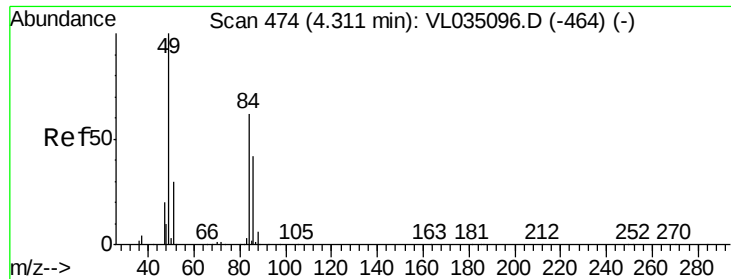
Tgt Ion: 41 Resp: 2061

Ion Ratio Lower Upper

41 100

42 63.8 55.8 83.6

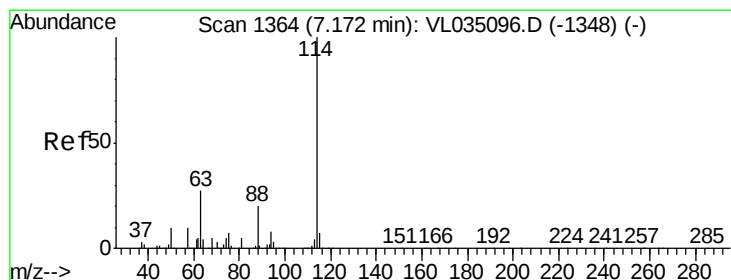
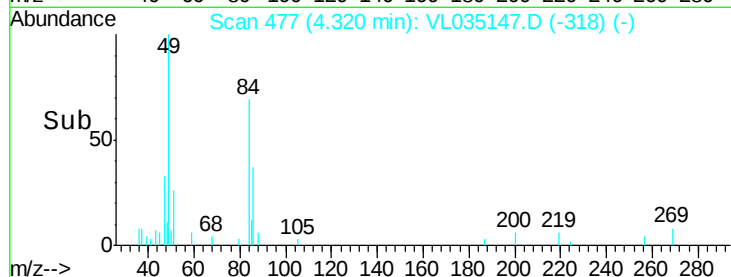
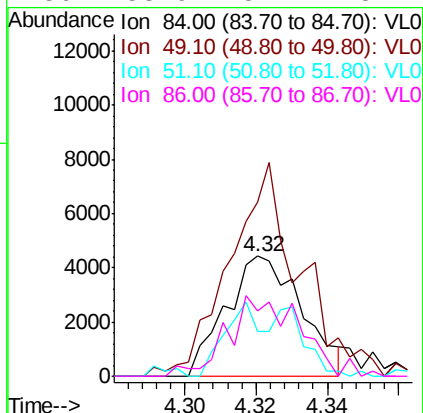
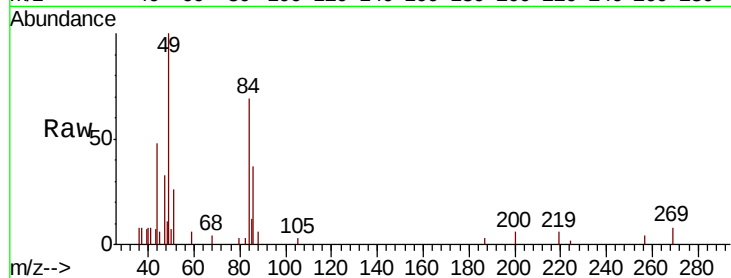




#20
Methylene Chloride
Concen: 0.126 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035147.D
Acq: 6 Jul 2020 14:22

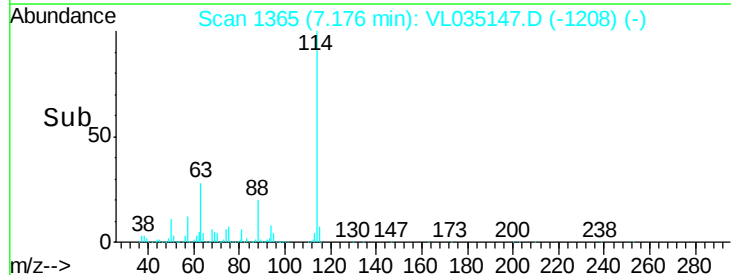
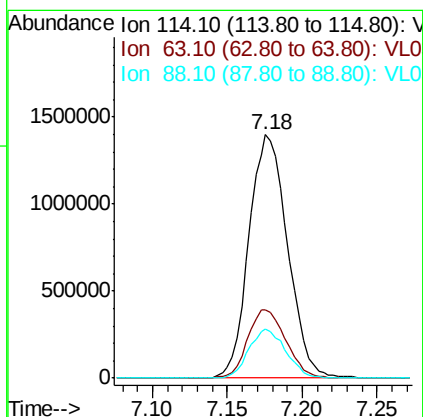
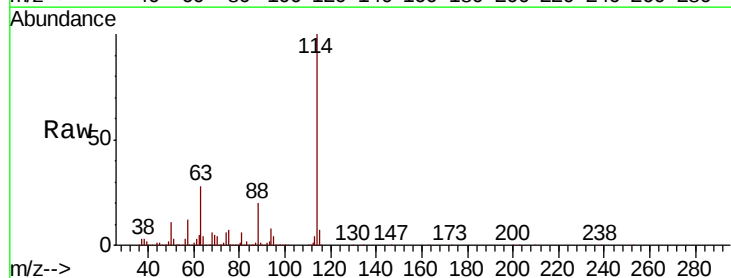
Instrument :
MSVOA_L
ClientSampleId :
QC062420 CAN 10197

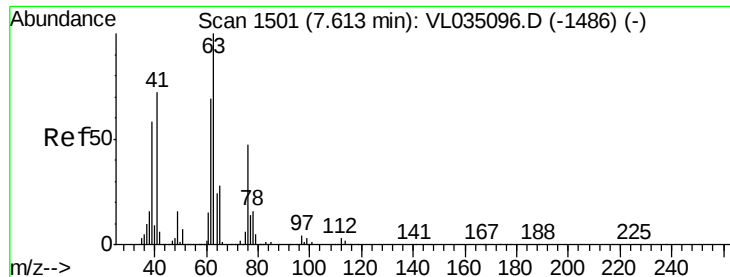
Tot Ion: 84 Resp: 6496
Ion Ratio Lower Upper
84 100
49 133.4 128.8 193.2
51 37.7 38.7 58.1#
86 53.9 54.1 81.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VL035147.D
Acq: 6 Jul 2020 14:22

Tgt Ion: 114 Resp: 2508219
Ion Ratio Lower Upper
114 100
63 28.0 21.9 32.9
88 19.4 15.6 23.4





#39

1,2-Dichloropropane

Concen: 9.165 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.44 min

Lab File: VL035147.D

Acq: 6 Jul 2020 14:22

Instrument :

MSVOA_L

ClientSampleId :

QC062420 CAN 10197

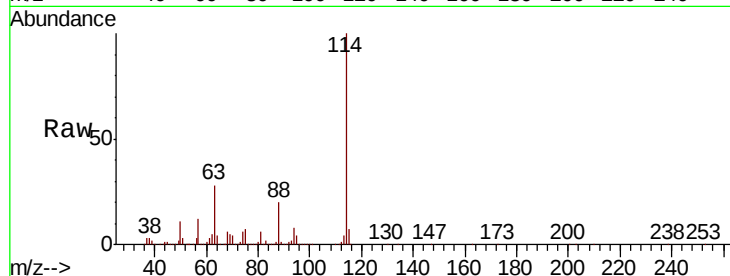
Tot Ion: 63 Resp: 696193

Ion Ratio Lower Upper

63 100

41 0.1 58.0 87.0#

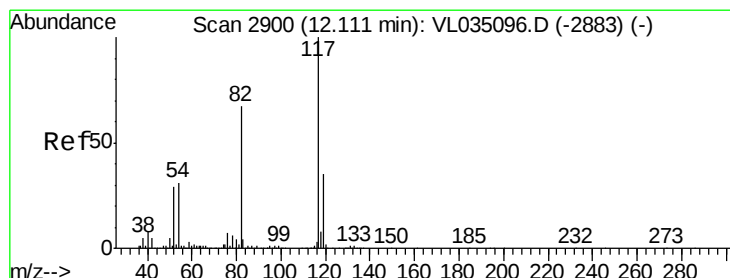
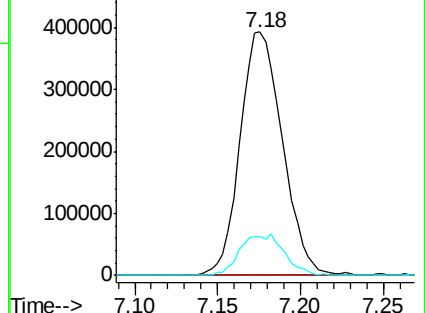
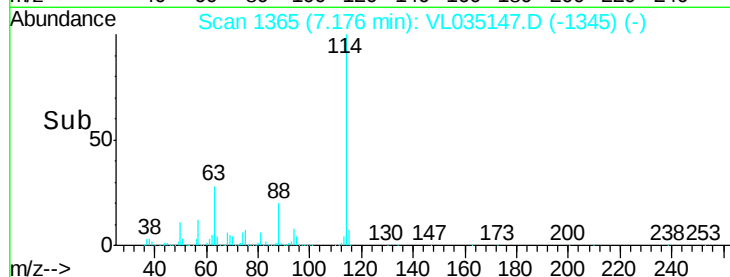
62 16.1 55.4 83.0#



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: 12.11 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VL035147.D

Acq: 6 Jul 2020 14:22

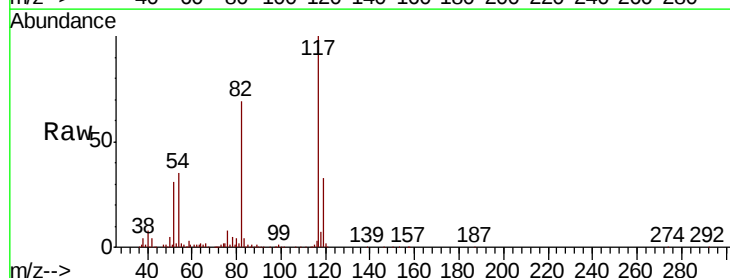
Tgt Ion: 117 Resp: 2332073

Ion Ratio Lower Upper

117 100

82 70.0 50.4 75.6

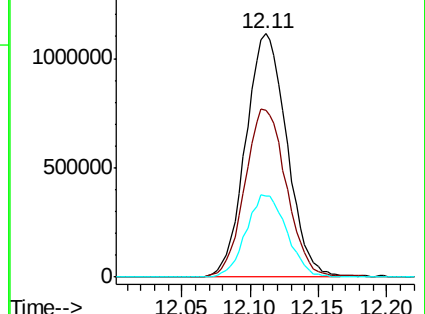
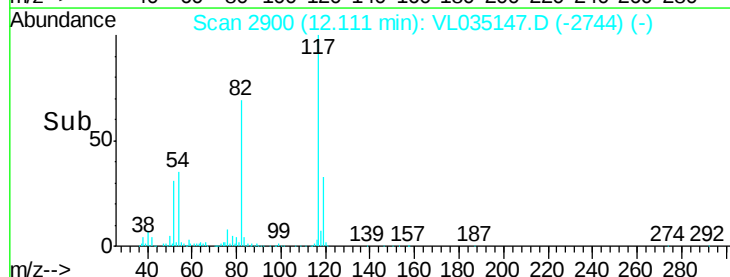
119 33.8 25.4 38.0

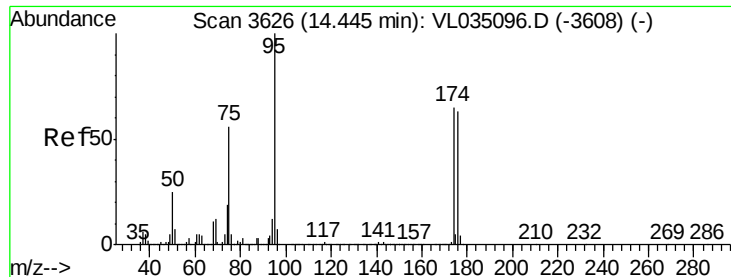


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.502 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL035147.D

Acq: 6 Jul 2020 14:22

Instrument :

MSVOA_L

ClientSampleId :

QC062420 CAN 10197

Tot Ion: 95 Resp: 2034574

Ion Ratio Lower Upper

95 100

174 64.5 52.2 78.2

175 4.8 4.0 6.0

