

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081020\
 Data File : VL035375.D
 Acq On : 10 Aug 2020 15:38
 Operator : SY/AP
 Sample : QC080320 CAN 10439
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC080320 CAN 10439

Quant Time: Aug 11 05:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1187816	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2934160	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2831240	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2387612	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

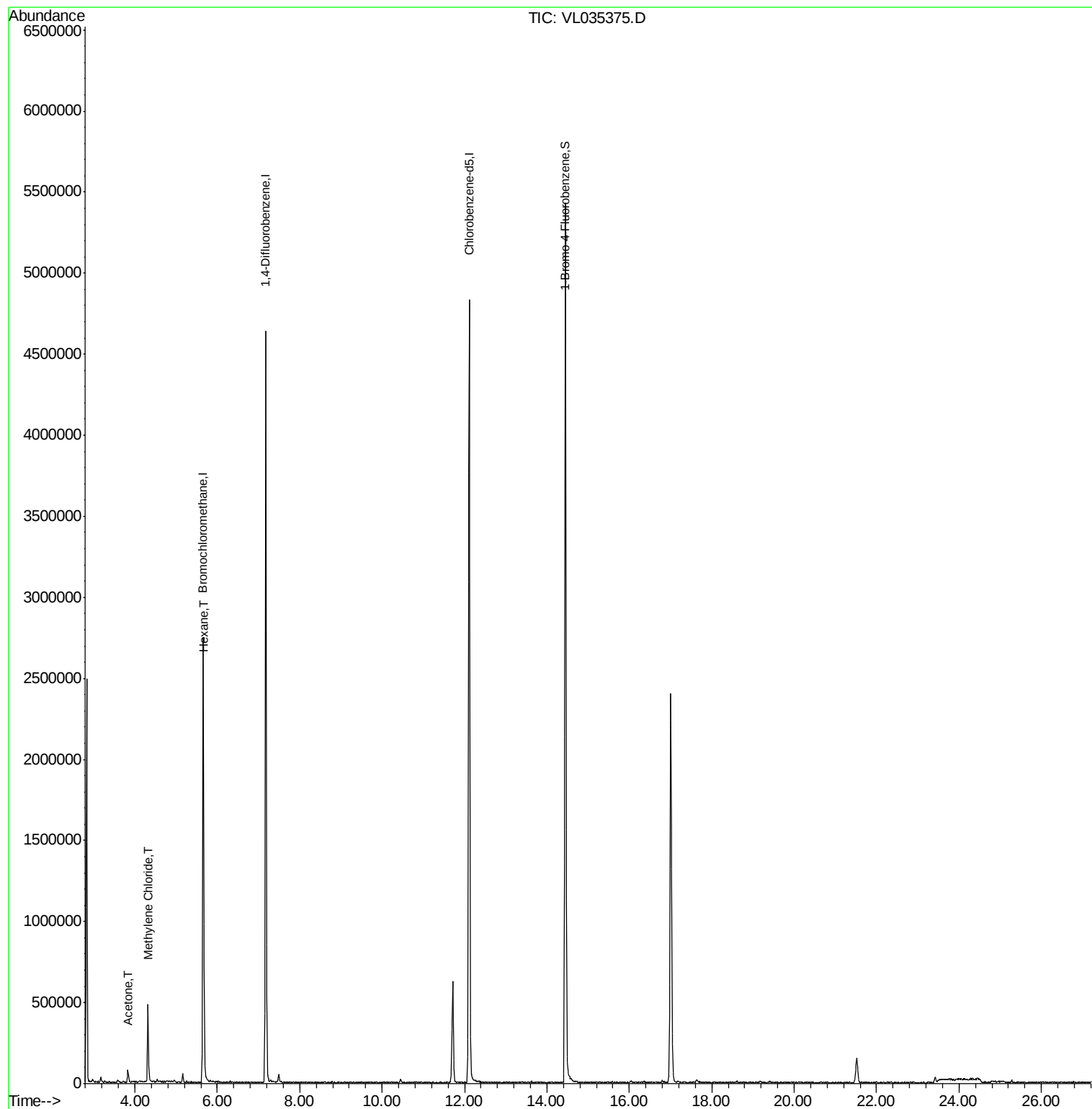
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	65209	0.387	ppbv #	68
20) Methylene Chloride	4.32	84	163349	2.375	ppbv	96
26) Hexane	5.67	57	86641	0.779	ppbv #	39

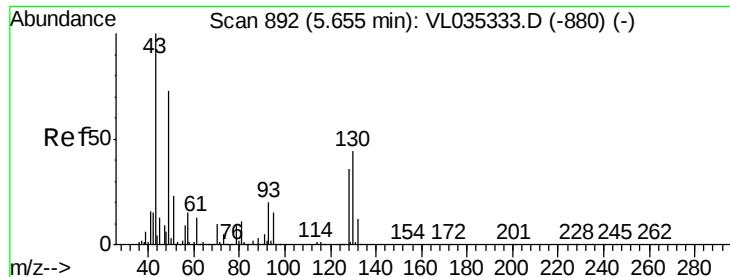
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 11 05:00:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL035375.D

Acq: 10 Aug 2020 15:38

Instrument :

MSVOA_L

ClientSampleId :

QC080320 CAN 10439

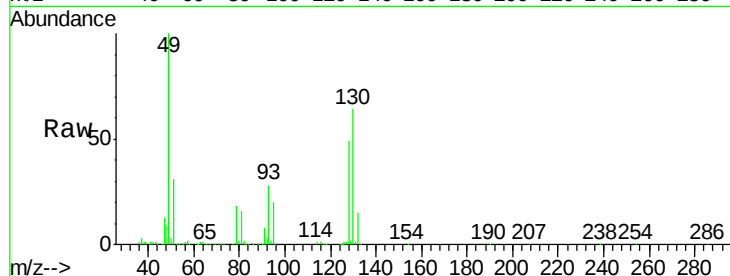
Tot Ion: 49 Resp: 1187816

Ion Ratio Lower Upper

49 100

128 51.0 25.4 76.0

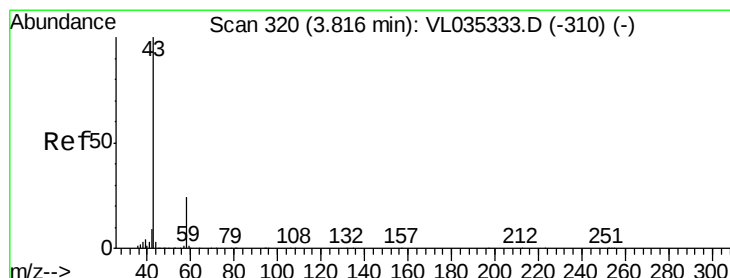
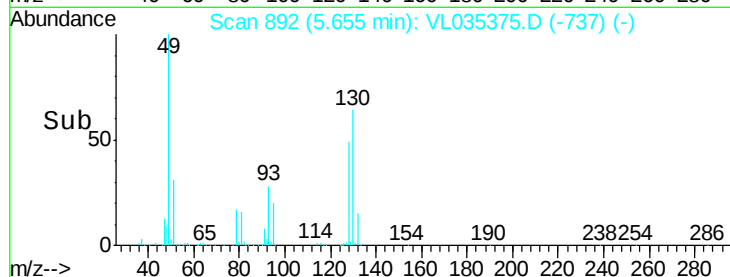
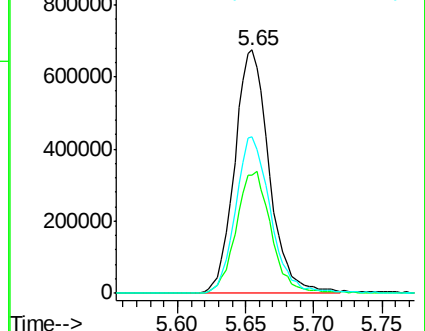
130 65.4 32.1 96.3



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



#15

Acetone

Concen: 0.387 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.01 min

Lab File: VL035375.D

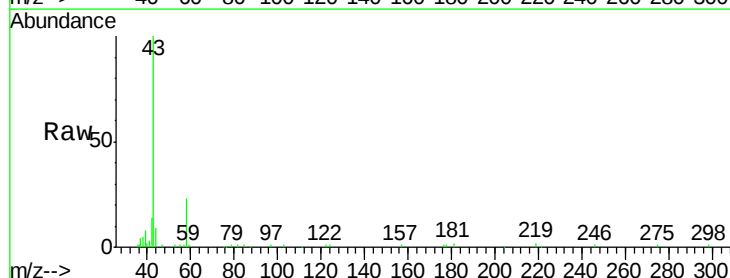
Acq: 10 Aug 2020 15:38

Tgt Ion: 43 Resp: 65209

Ion Ratio Lower Upper

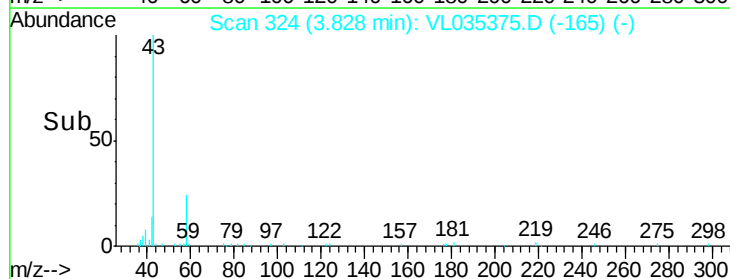
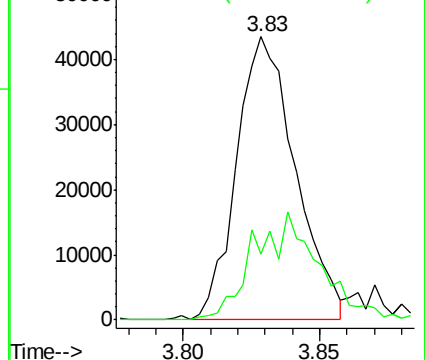
43 100

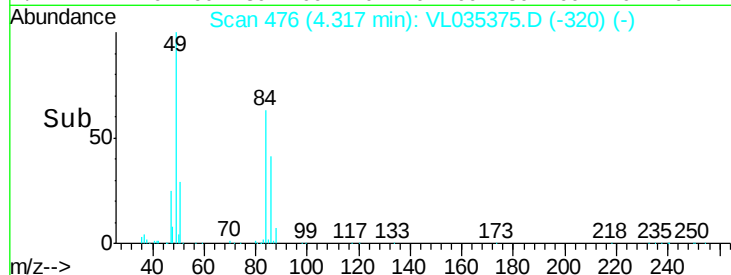
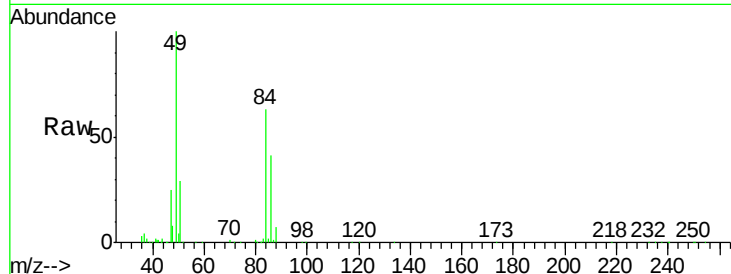
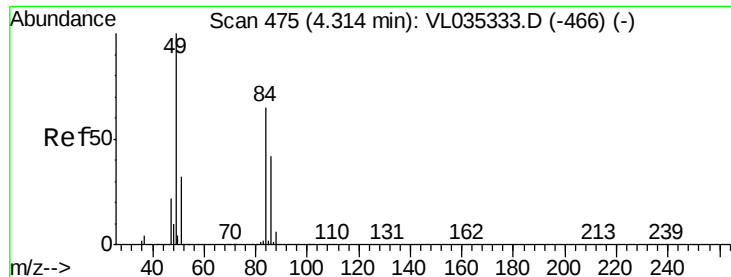
58 42.5 21.0 31.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

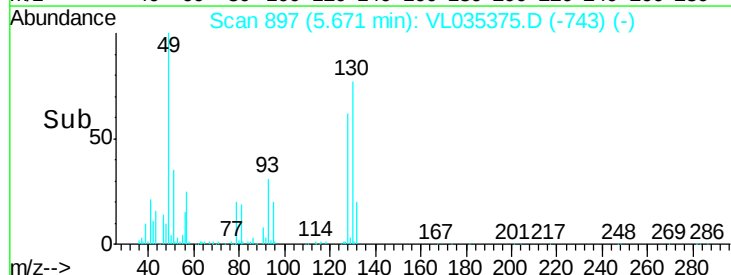
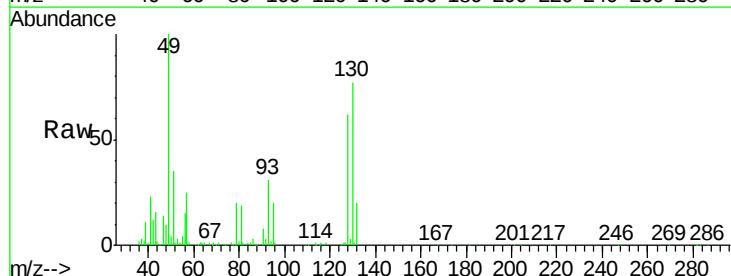
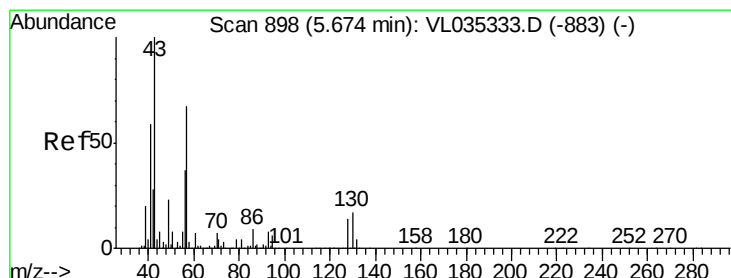
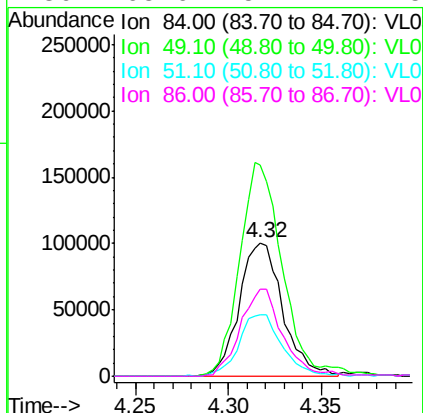




#20
Methvlene Chloride
Concen: 2.375 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL035375.D
Acq: 10 Aug 2020 15:38

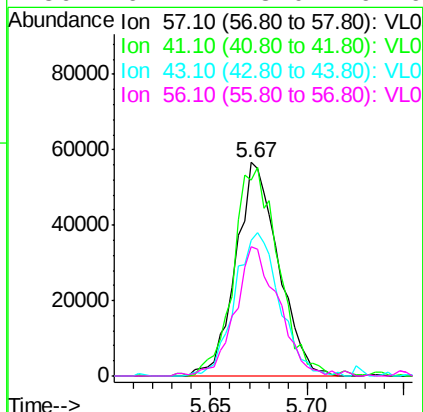
Instrument :
MSVOA_L
ClientSampleId :
QC080320 CAN 10439

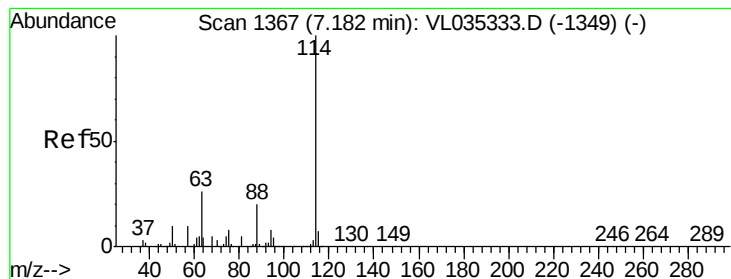
Tot Ion:	84	Resp:	163349
Ion	Ratio	Lower	Upper
84	100		
49	158.5	122.8	184.2
51	45.7	40.1	60.1
86	65.6	51.7	77.5



#26
Hexane
Concen: 0.779 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL035375.D
Acq: 10 Aug 2020 15:38

Tgt Ion:	57	Resp:	86641
Ion	Ratio	Lower	Upper
57	100		
41	103.6	75.2	112.8
43	71.1	180.6	270.8#
56	62.1	43.0	64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL035375.D

Acq: 10 Aug 2020 15:38

Instrument :

MSVOA_L

ClientSampleId :

QC080320 CAN 10439

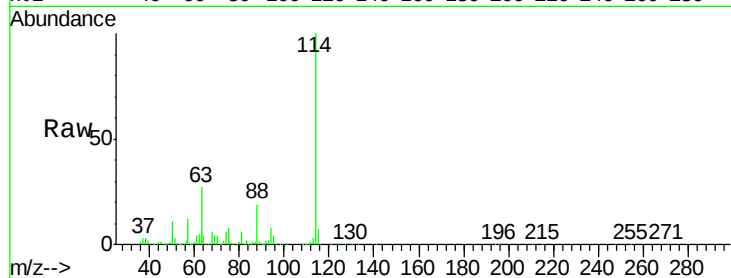
Tot Ion:114 Resp: 2934160

Ion Ratio Lower Upper

114 100

63 27.1 21.3 31.9

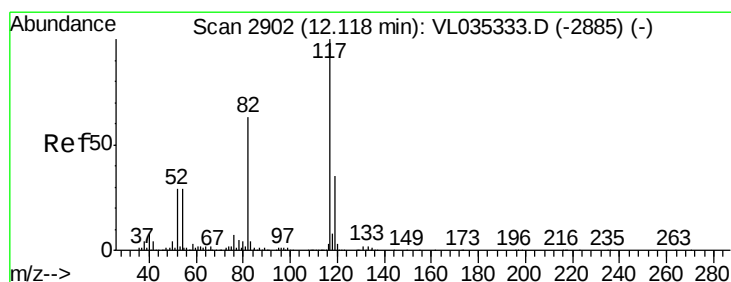
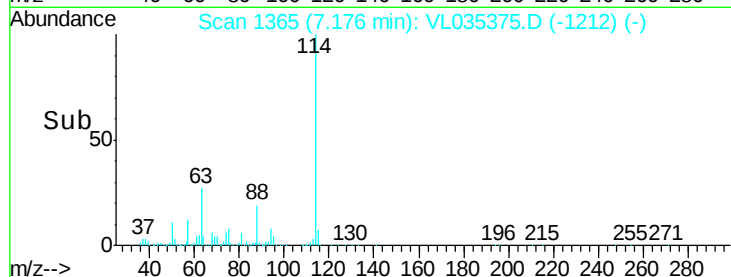
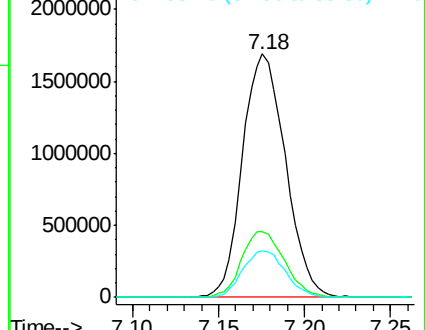
88 19.1 15.3 22.9



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: 12.11 min Scan# 2900

Delta R.T. -0.01 min

Lab File: VL035375.D

Acq: 10 Aug 2020 15:38

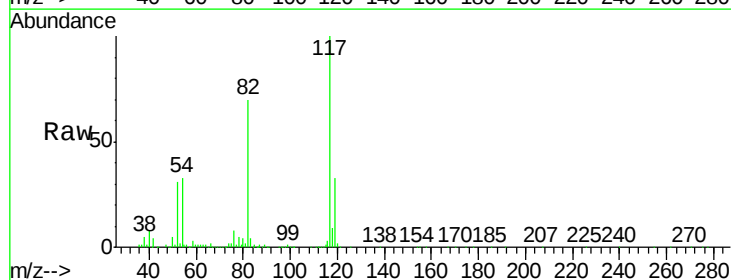
Tgt Ion:117 Resp: 2831240

Ion Ratio Lower Upper

117 100

82 68.0 51.0 76.4

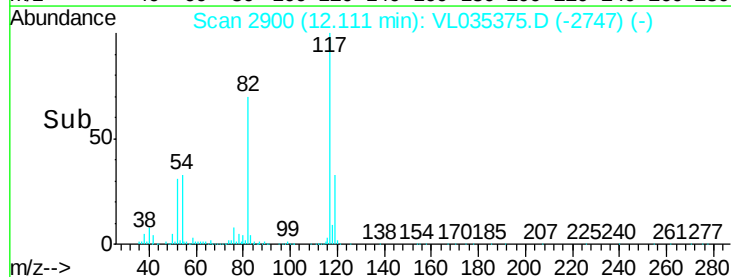
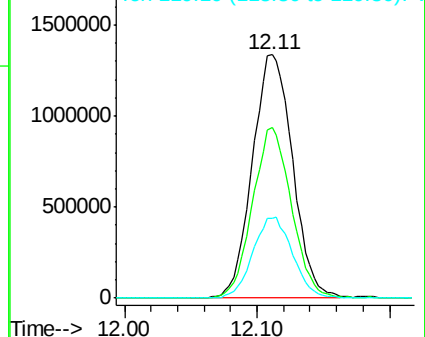
119 32.8 24.7 37.1

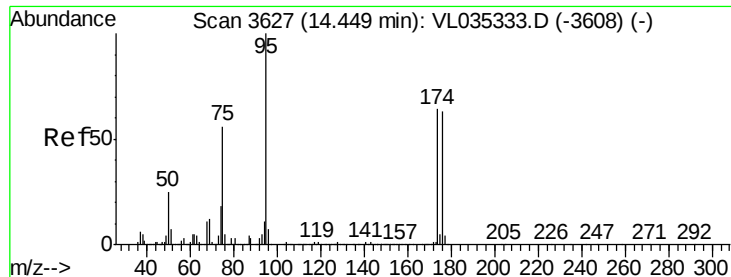


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.113 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. -0.00 min

Lab File: VL035375.D

Acq: 10 Aug 2020 15:38

Instrument :

MSVOA_L

ClientSampleId :

QC080320 CAN 10439

Tot Ion: 95 Resp: 2387612

Ion Ratio Lower Upper

95 100

174 66.7 53.5 80.3

175 5.2 4.2 6.2

