

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035197.D
 Acq On : 16 Jul 2020 17:10
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 09:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1042376	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2538888	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2379637	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1969115	10.19	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

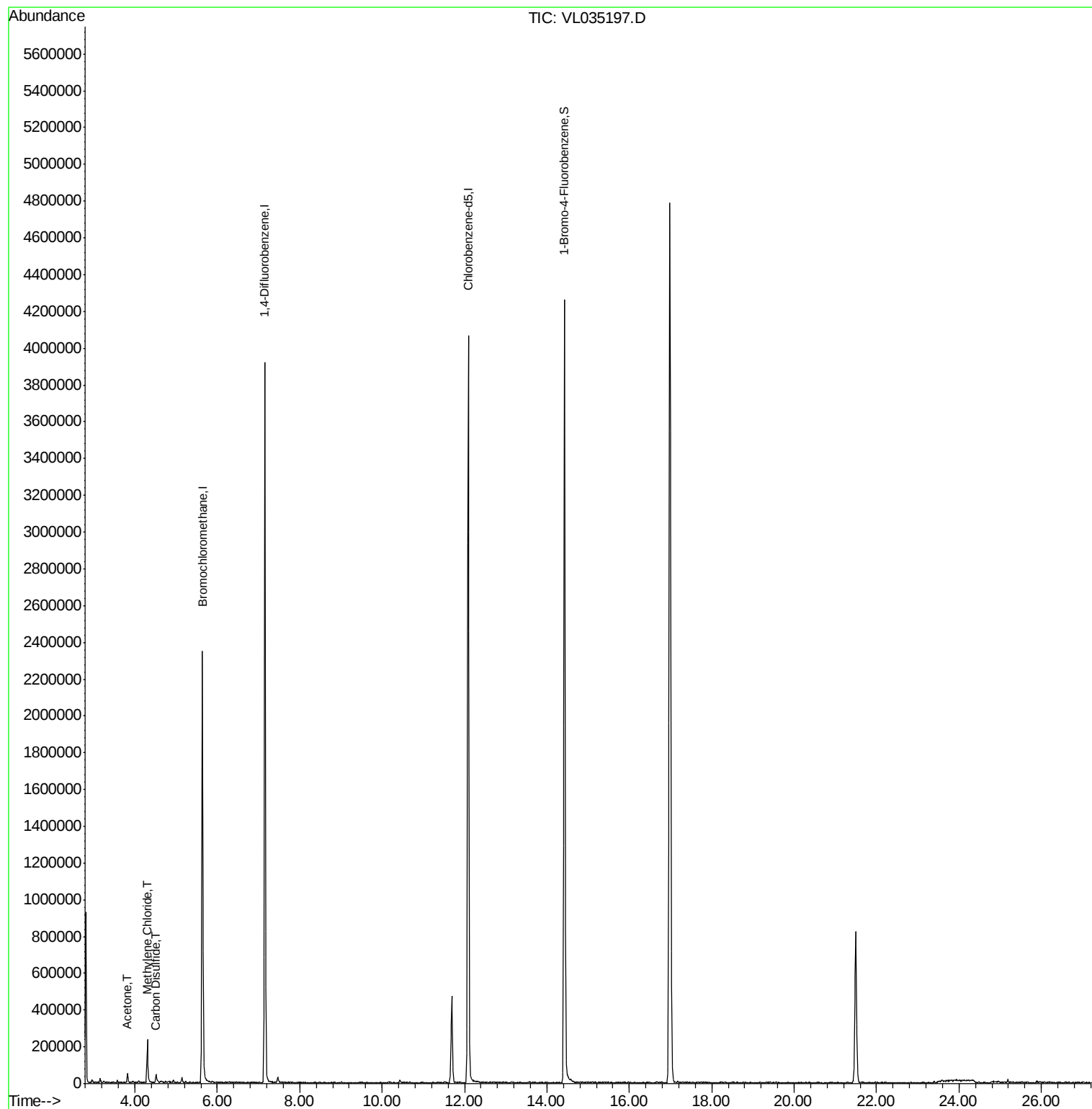
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.82	43	45689	0.324	ppbv	# 79
20) Methylene Chloride	4.30	84	77426m	1.261	ppbv	
27) Carbon Disulfide	4.50	76	42813m	0.318	ppbv	

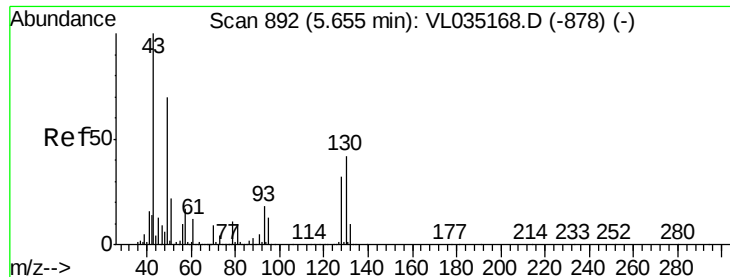
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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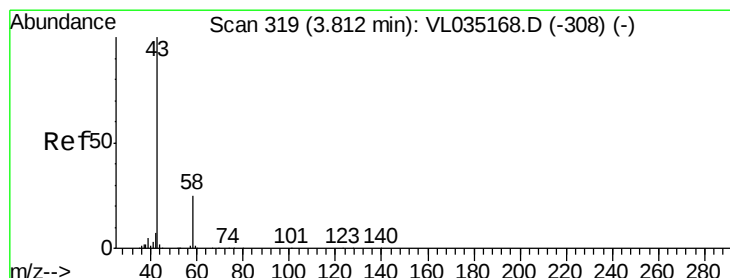
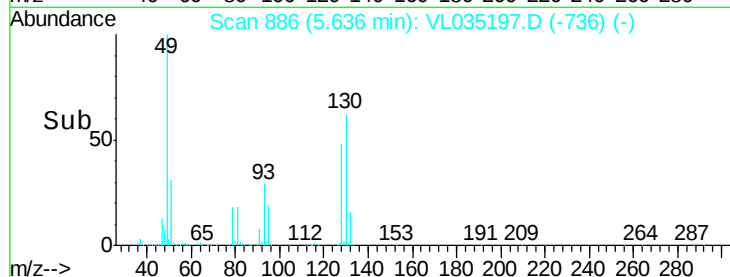
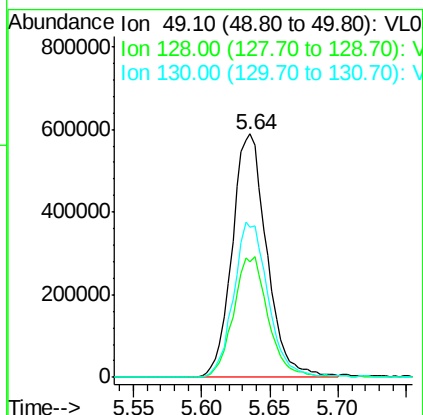
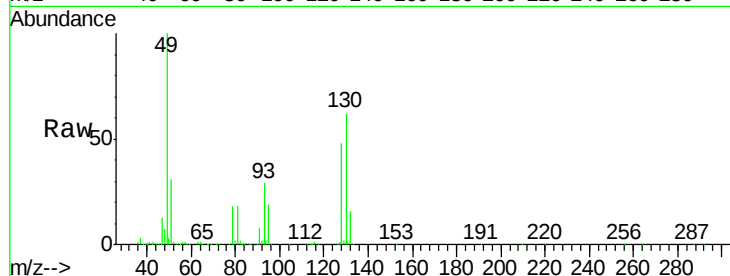




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL035197.D
Acq: 16 Jul 2020 17:10

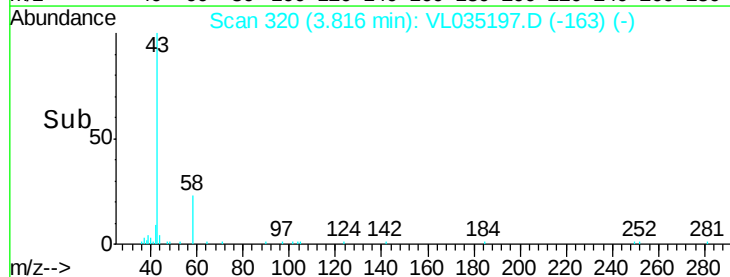
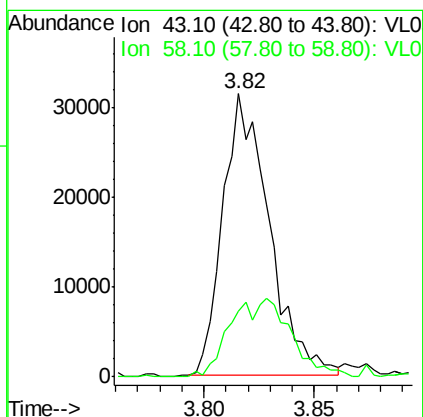
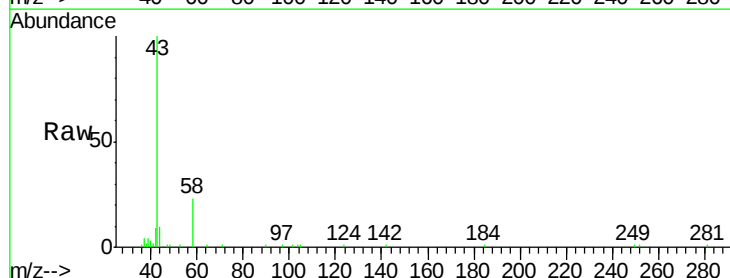
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

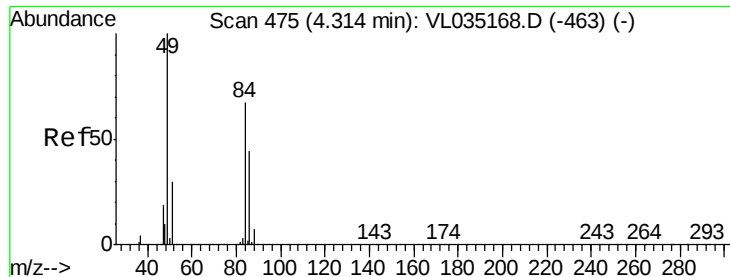
Tot Ion: 49 Resp: 1042376
Ion Ratio Lower Upper
49 100
128 49.8 23.8 71.4
130 63.9 29.9 89.8



#15
Acetone
Concen: 0.324 ppbv
RT: 3.82 min Scan# 320
Delta R.T. 0.00 min
Lab File: VL035197.D
Acq: 16 Jul 2020 17:10

Tgt Ion: 43 Resp: 45689
Ion Ratio Lower Upper
43 100
58 37.5 21.3 31.9#

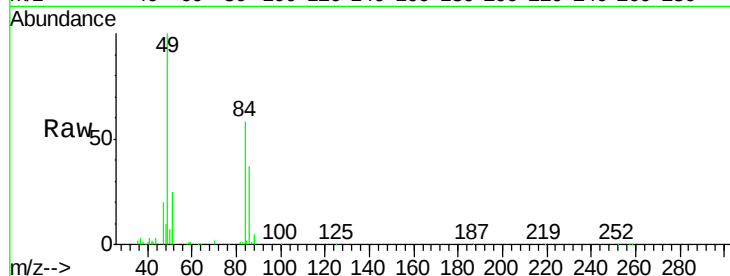




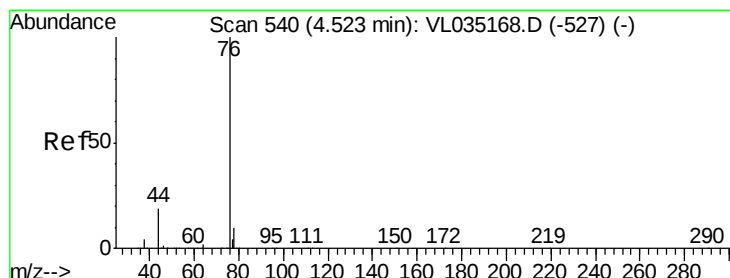
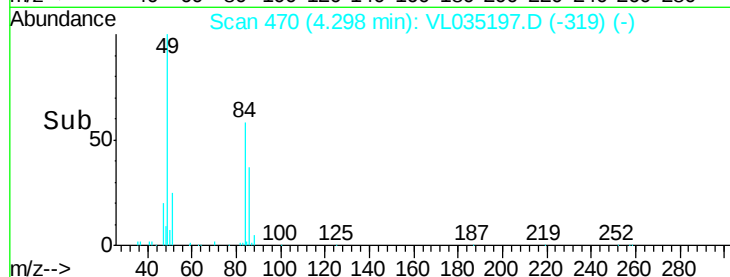
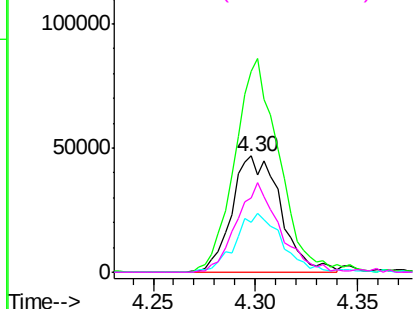
#20
Methylene Chloride
Concen: 1.261 ppbv m
RT: 4.30 min Scan# 470
Delta R.T. -0.02 min
Lab File: VL035197.D
Acq: 16 Jul 2020 17:10

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion: 84 Resp: 77426
Ion Ratio Lower Upper
84 100
49 173.2 119.4 179.0
51 43.5 36.6 55.0
86 63.8 52.5 78.7

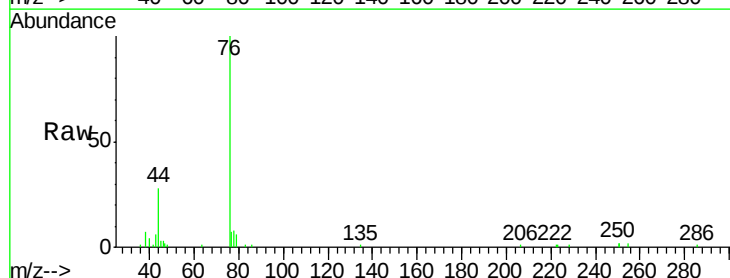


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

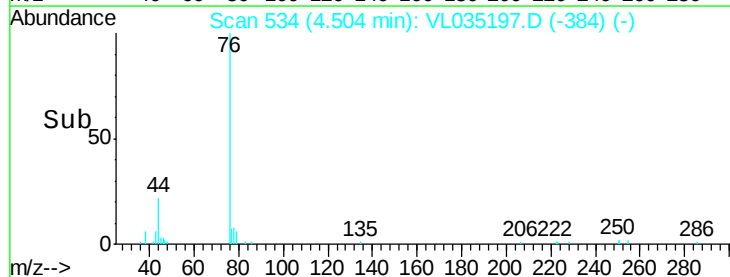
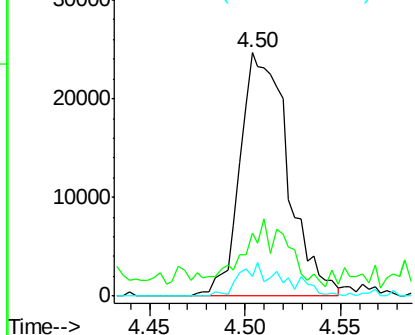


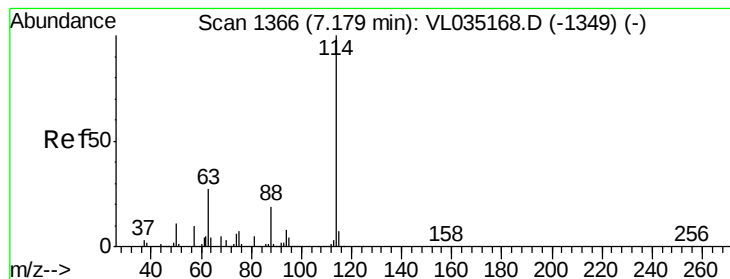
#27
Carbon Disulfide
Concen: 0.318 ppbv m
RT: 4.50 min Scan# 534
Delta R.T. -0.02 min
Lab File: VL035197.D
Acq: 16 Jul 2020 17:10

Tgt Ion: 76 Resp: 42813
Ion Ratio Lower Upper
76 100
44 26.6 14.9 22.3#
78 12.7 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.03 min

Lab File: VL035197.D

Acq: 16 Jul 2020 17:10

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

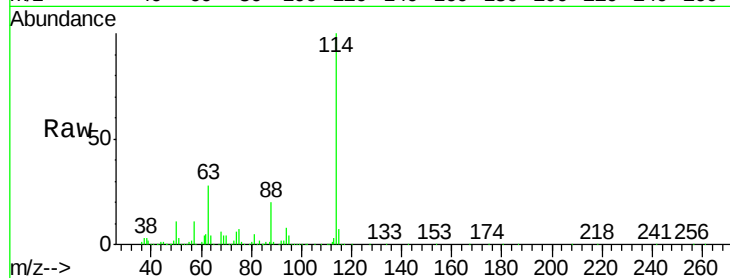
Tot Ion:114 Resp: 2538888

Ion Ratio Lower Upper

114 100

63 27.5 22.0 33.0

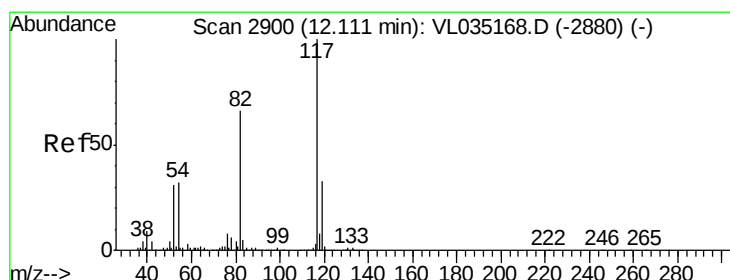
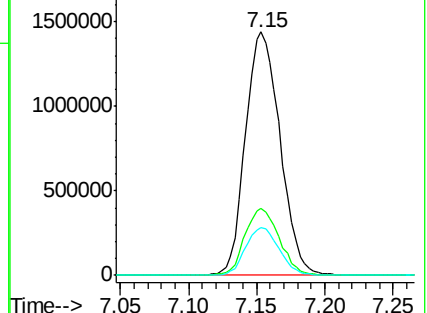
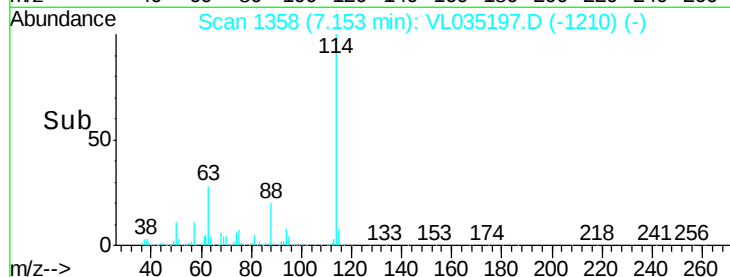
88 19.2 15.4 23.0



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: 12.09 min Scan# 2893

Delta R.T. -0.02 min

Lab File: VL035197.D

Acq: 16 Jul 2020 17:10

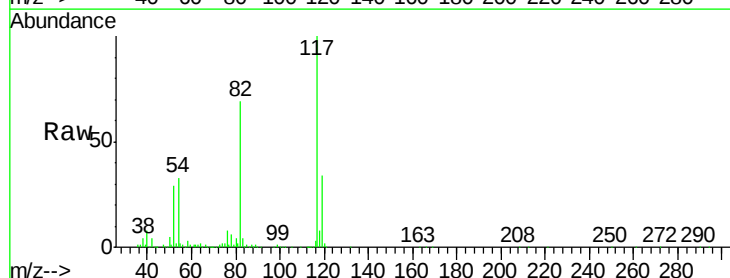
Tgt Ion:117 Resp: 2379637

Ion Ratio Lower Upper

117 100

82 69.5 52.3 78.5

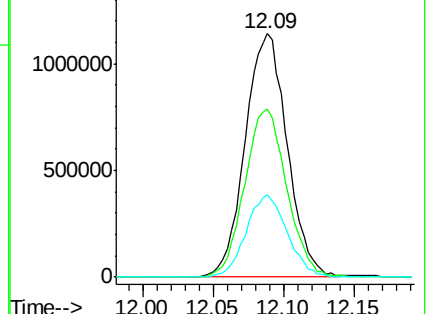
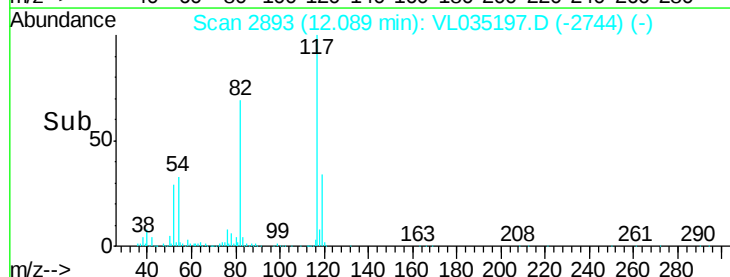
119 33.2 24.9 37.3

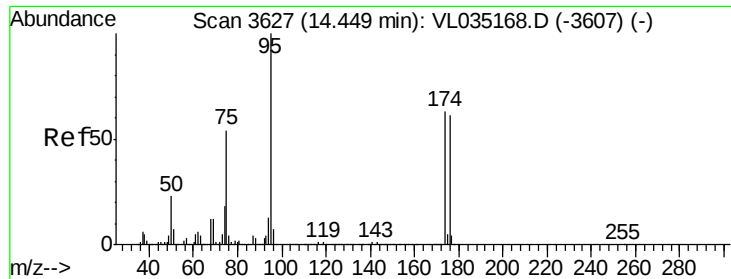


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.186 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. -0.02 min

Lab File: VL035197.D

Acq: 16 Jul 2020 17:10

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 1969115

Ion Ratio Lower Upper

95 100

174 64.6 52.2 78.2

175 4.8 4.0 6.0

