

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035203.D
 Acq On : 16 Jul 2020 21:03
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 06:45:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.63	49	911243	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2168992	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2038160	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1680119	10.15	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

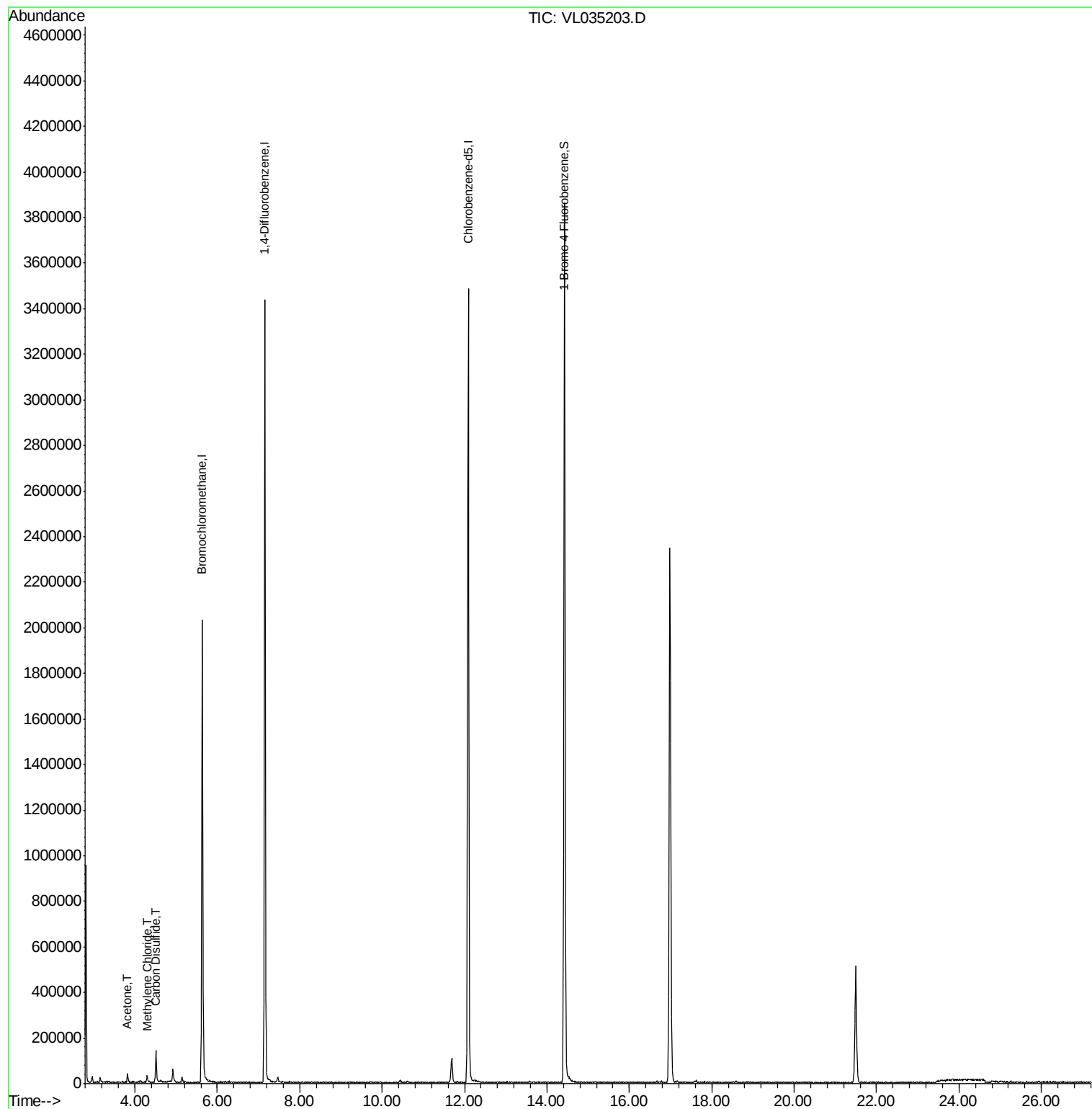
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.82	43	28043m	0.227	ppbv	
20) Methylene Chloride	4.30	84	7660	0.143	ppbv #	82
27) Carbon Disulfide	4.51	76	159040	1.349	ppbv	96

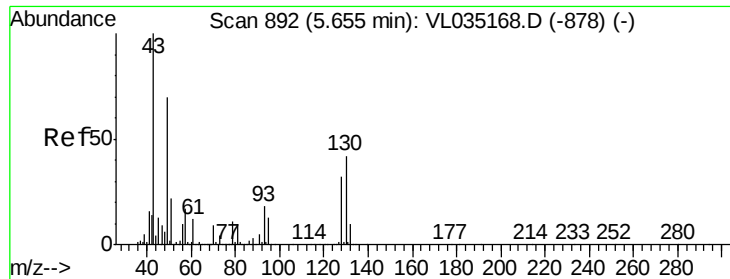
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL035203.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

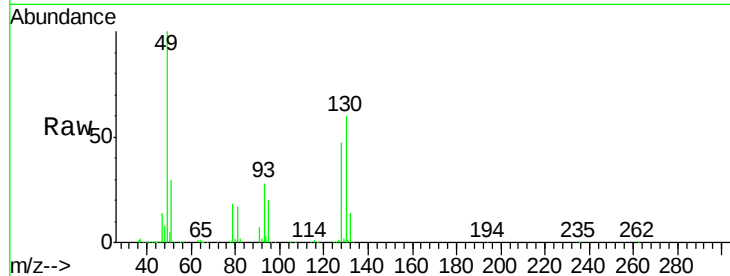
Tot Ion: 49 Resp: 911243

Ion Ratio Lower Upper

49 100

128 47.7 23.8 71.4

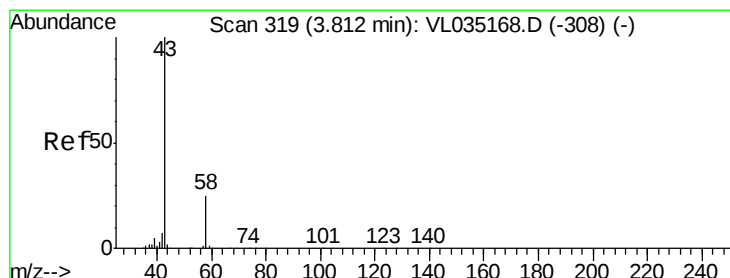
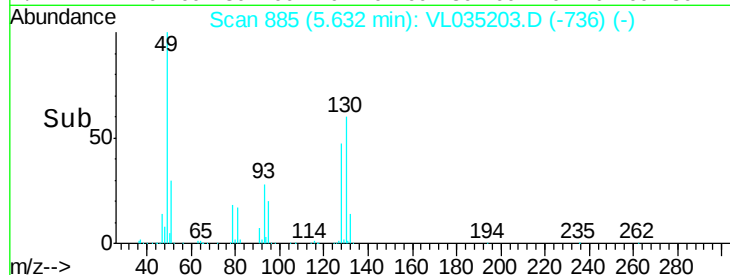
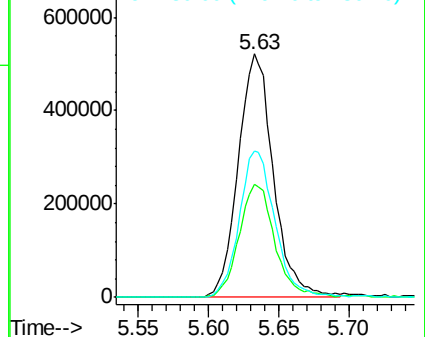
130 61.5 29.9 89.8



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: 0.227 ppbv m

RT: 3.82 min Scan# 321

Delta R.T. 0.01 min

Lab File: VL035203.D

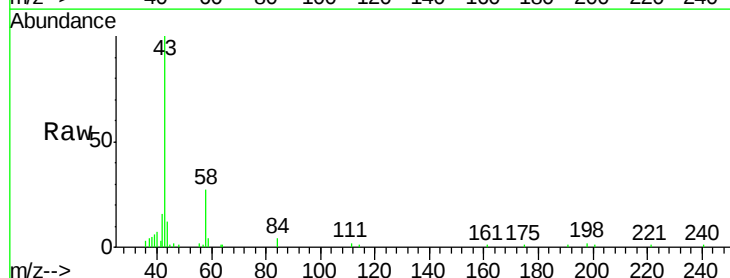
Acq: 16 Jul 2020 21:03

Tgt Ion: 43 Resp: 28043

Ion Ratio Lower Upper

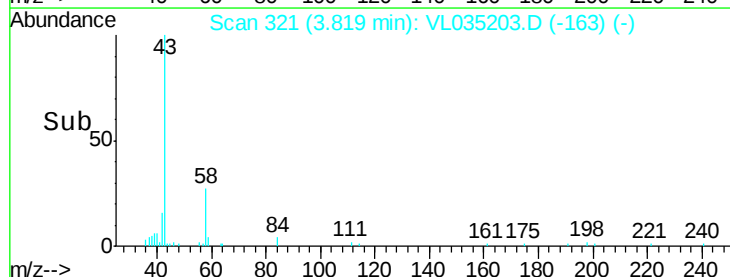
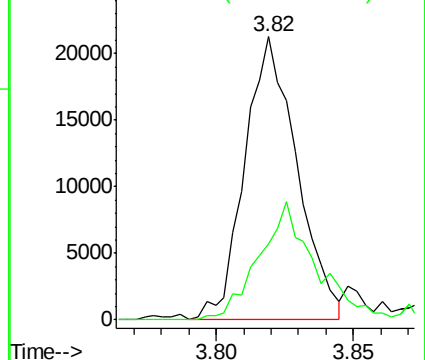
43 100

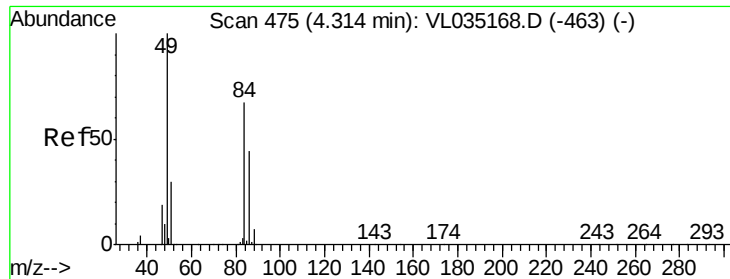
58 0.0 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

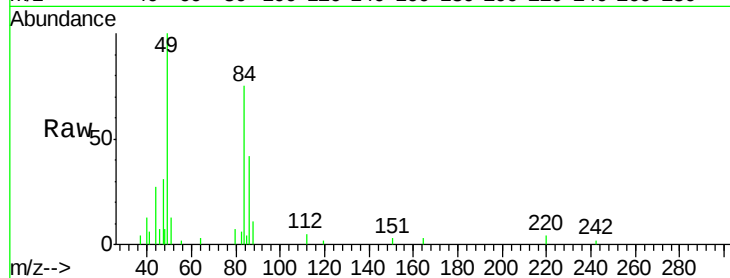




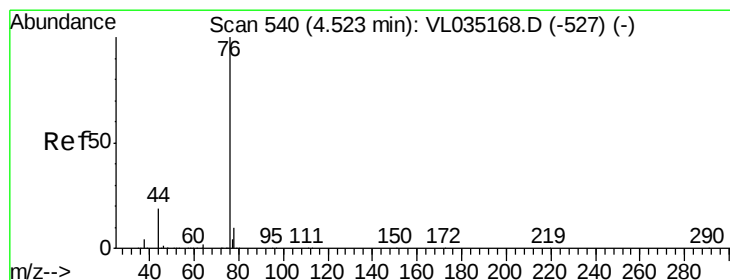
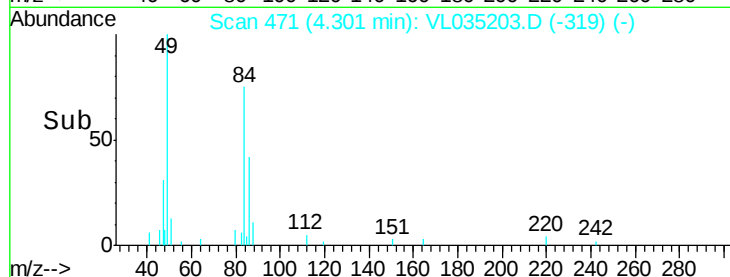
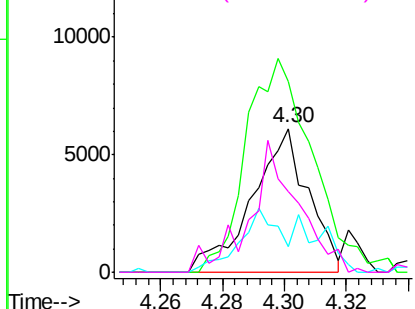
#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 4.30 min Scan# 471
Delta R.T. -0.01 min
Lab File: VL035203.D
Acq: 16 Jul 2020 21:03

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion: 84 Resp: 7660
Ion Ratio Lower Upper
84 100
49 133.0 119.4 179.0
51 17.4 36.6 55.0#
86 56.3 52.5 78.7

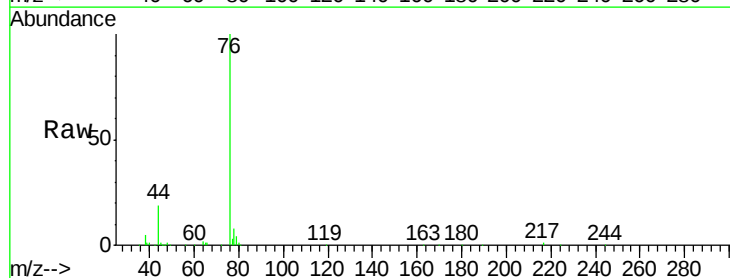


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

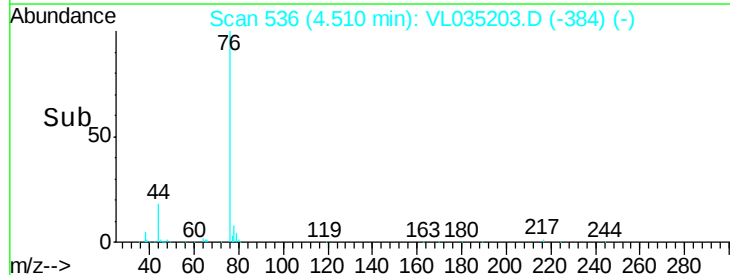
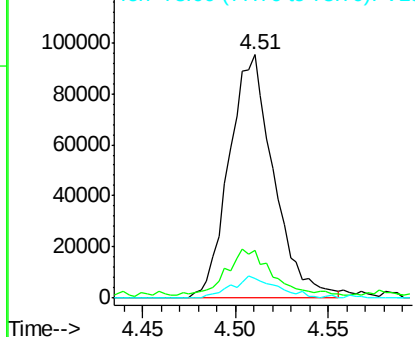


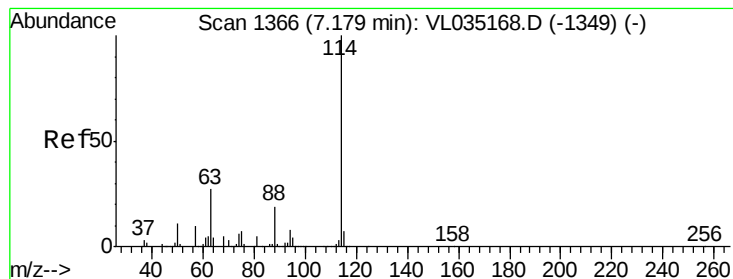
#27
Carbon Disulfide
Concen: 1.349 ppbv
RT: 4.51 min Scan# 536
Delta R.T. -0.01 min
Lab File: VL035203.D
Acq: 16 Jul 2020 21:03

Tgt Ion: 76 Resp: 159040
Ion Ratio Lower Upper
76 100
44 21.4 14.9 22.3
78 9.5 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: VL035203.D

Acq: 16 Jul 2020 21:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

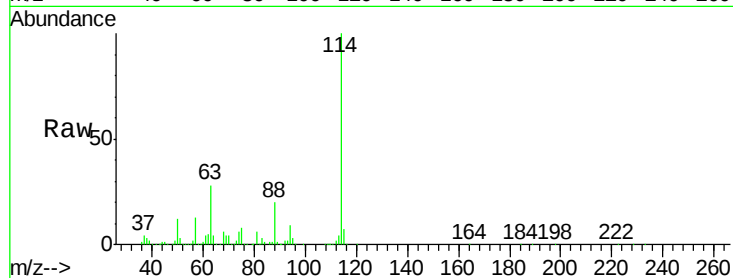
Tot Ion:114 Resp: 2168992

Ion Ratio Lower Upper

114 100

63 27.4 22.0 33.0

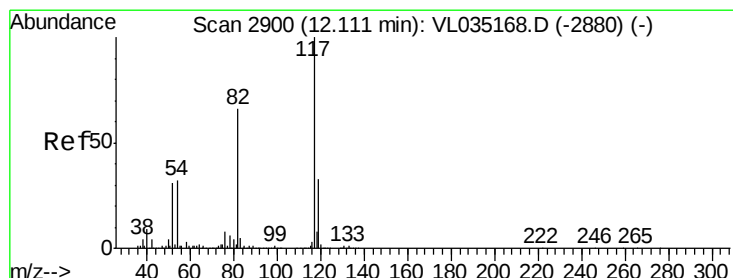
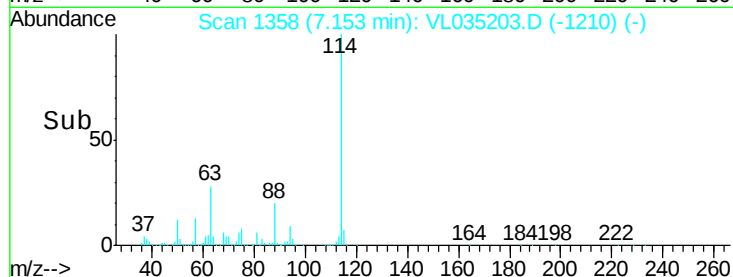
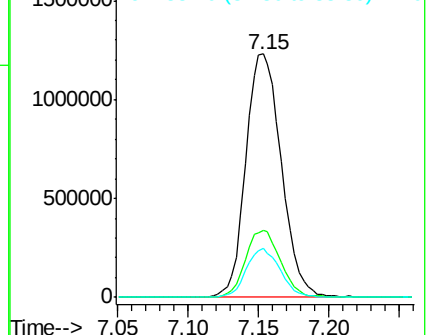
88 19.2 15.4 23.0



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: VL035203.D

Acq: 16 Jul 2020 21:03

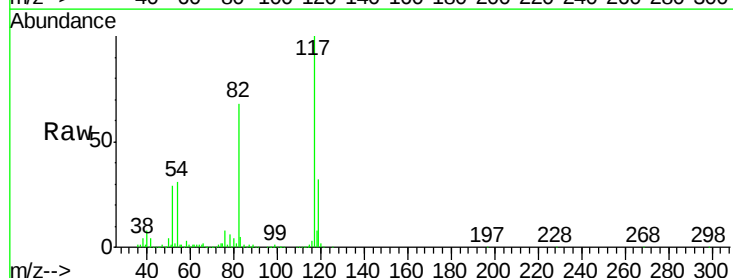
Tgt Ion:117 Resp: 2038160

Ion Ratio Lower Upper

117 100

82 68.7 52.3 78.5

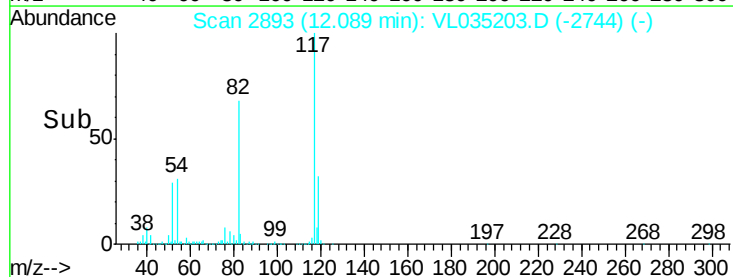
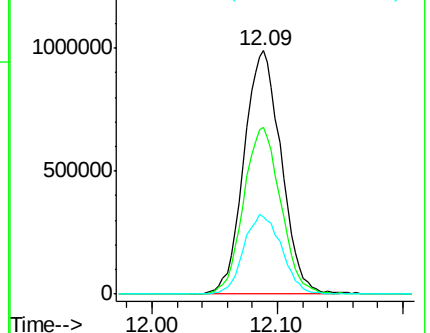
119 33.3 24.9 37.3

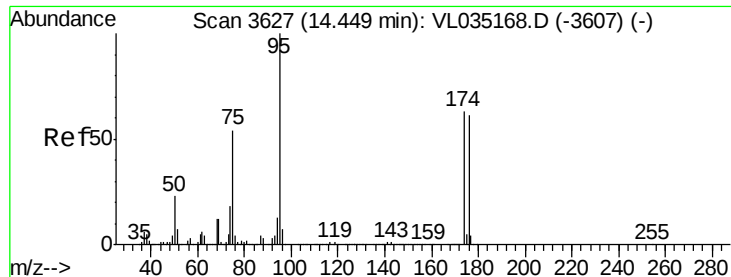


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.147 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.03 min

Lab File: VL035203.D

Acq: 16 Jul 2020 21:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

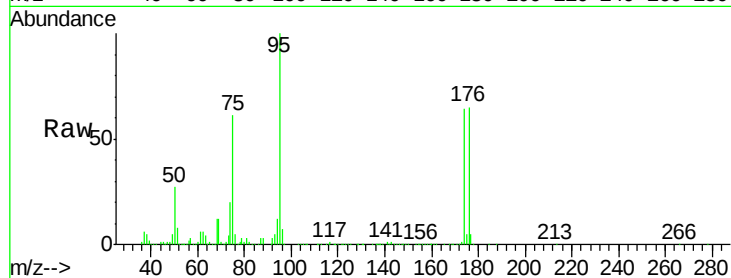
Tot Ion: 95 Resp: 1680119

Ion Ratio Lower Upper

95 100

174 65.5 52.2 78.2

175 4.8 4.0 6.0



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

