

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035200.D
 Acq On : 16 Jul 2020 19:07
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 06:40:09 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	5.64	49	1026207	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2478779	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2317680	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1942056	10.31	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

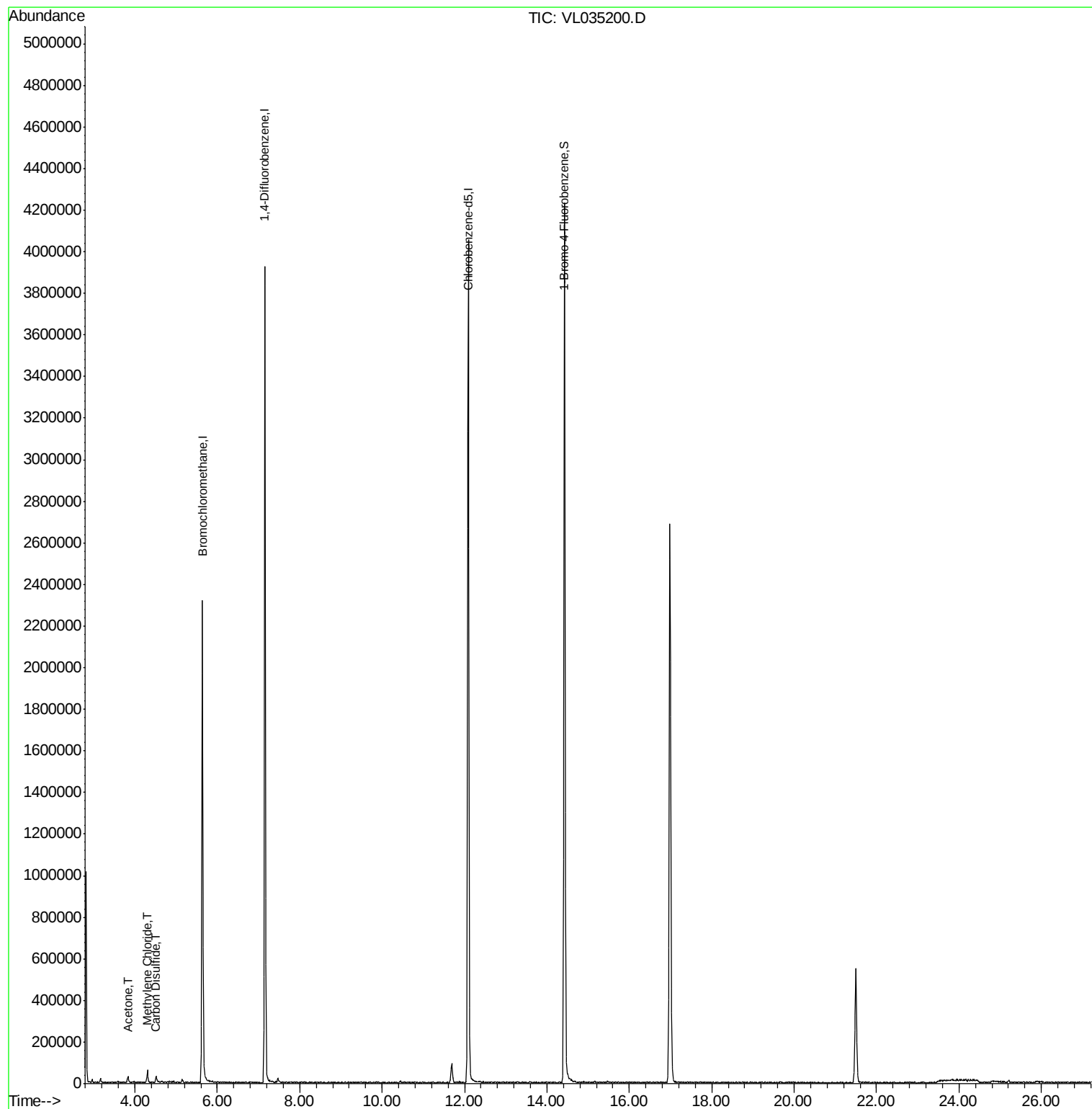
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	24251m	0.175	ppbv	
20) Methylene Chloride	4.30	84	19110	0.316	ppbv #	90
27) Carbon Disulfide	4.51	76	30542m	0.230	ppbv	

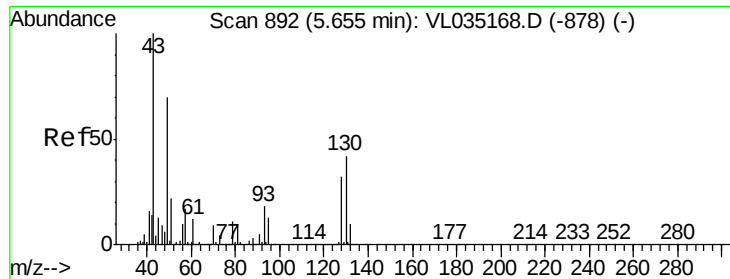
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL035200.D

Acq: 16 Jul 2020 19:07

Instrument :

MSVOA_L

ClientSampled :

VIBLK

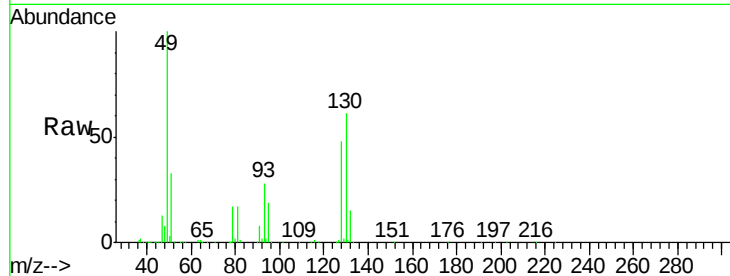
Tot Ion: 49 Resp: 1026207

Ion Ratio Lower Upper

49 100

128 49.0 23.8 71.4

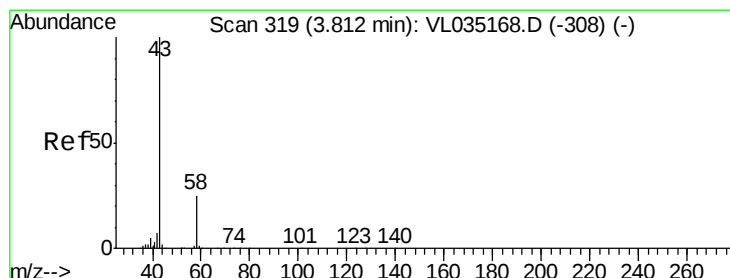
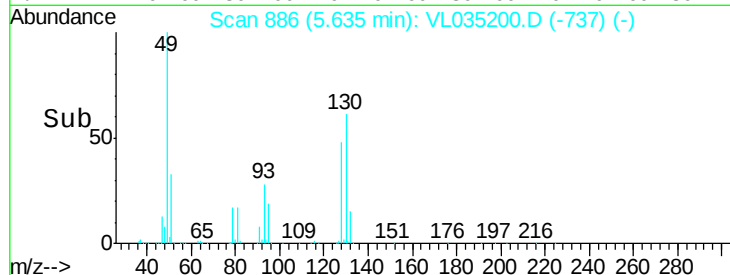
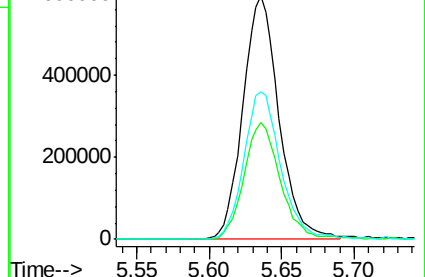
130 62.9 29.9 89.8



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



#15

Acetone

Concen: 0.175 ppbv m

RT: 3.83 min Scan# 324

Delta R.T. 0.02 min

Lab File: VL035200.D

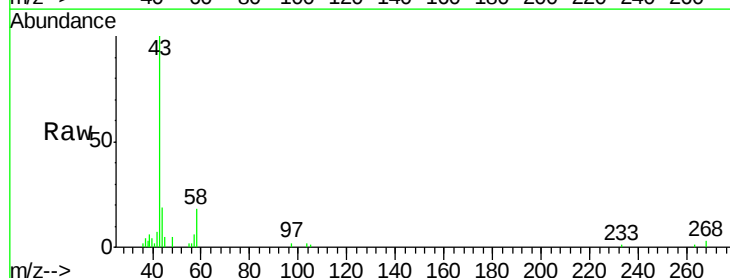
Acq: 16 Jul 2020 19:07

Tgt Ion: 43 Resp: 24251

Ion Ratio Lower Upper

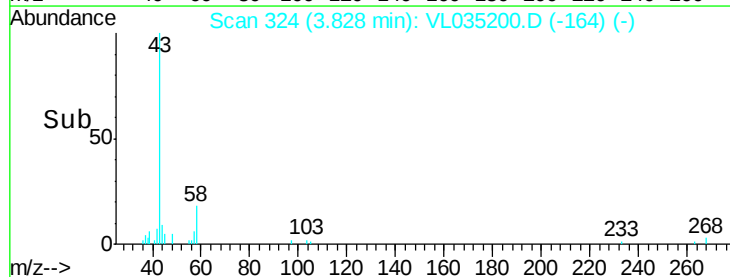
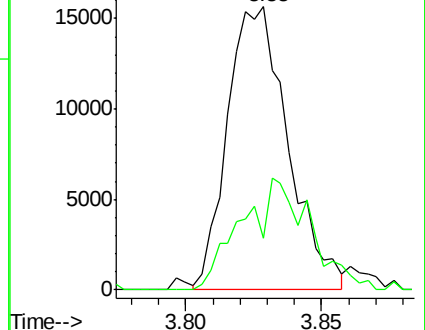
43 100

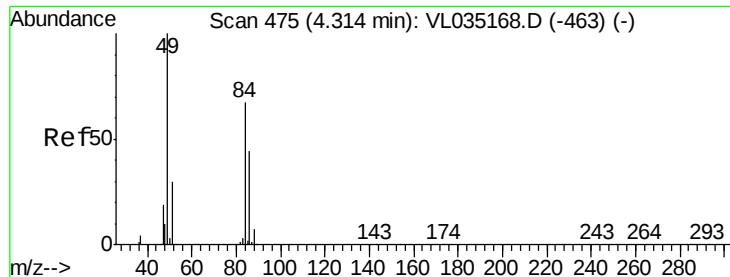
58 0.0 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

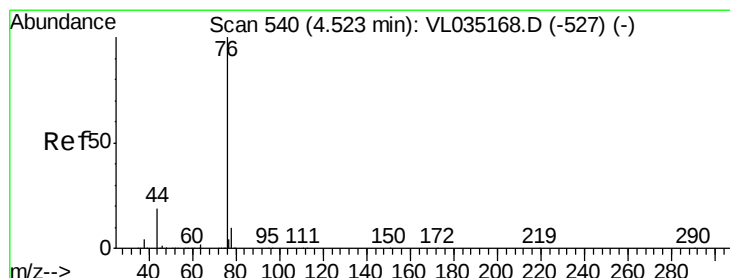
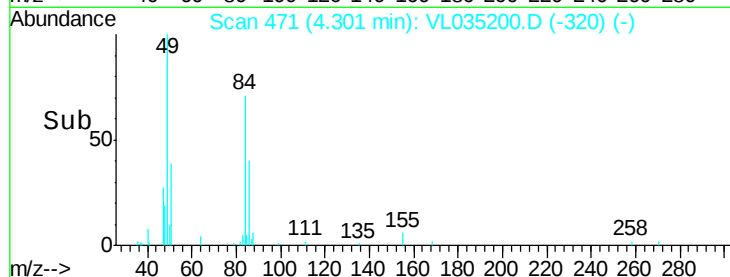
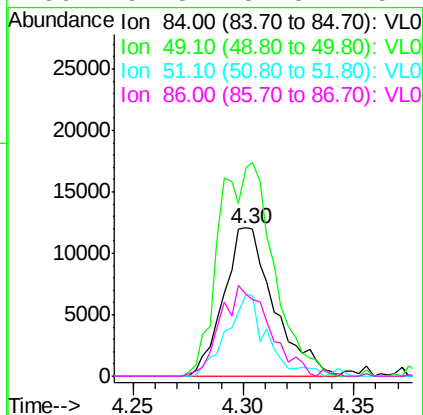
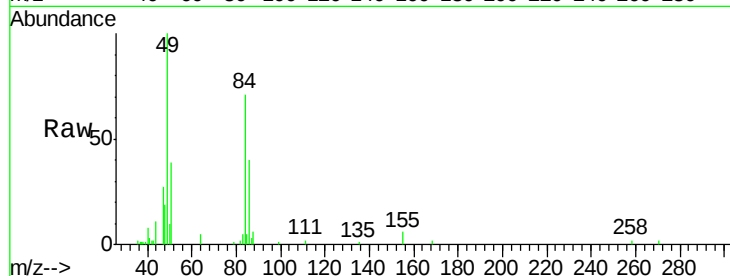




#20
Methylene Chloride
Concen: 0.316 ppbv
RT: 4.30 min Scan# 471
Delta R.T. -0.01 min
Lab File: VL035200.D
Acq: 16 Jul 2020 19:07

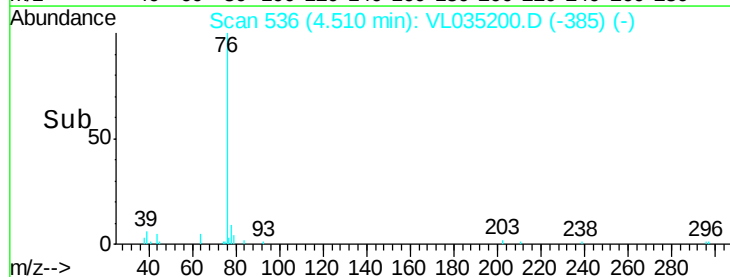
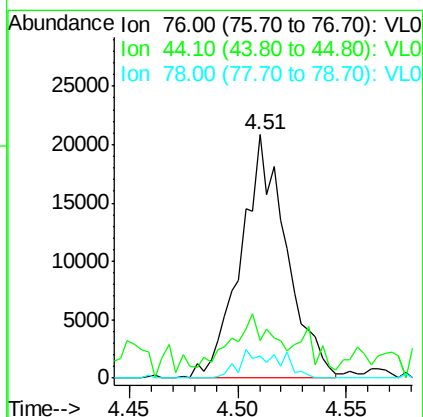
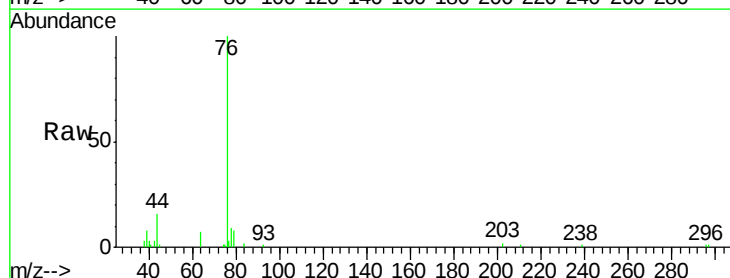
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

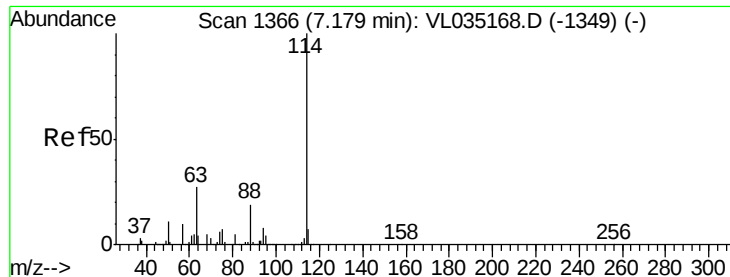
Tot Ion: 84 Resp: 19110
Ion Ratio Lower Upper
84 100
49 141.2 119.4 179.0
51 55.7 36.6 55.0#
86 54.3 52.5 78.7



#27
Carbon Disulfide
Concen: 0.230 ppbv m
RT: 4.51 min Scan# 536
Delta R.T. -0.01 min
Lab File: VL035200.D
Acq: 16 Jul 2020 19:07

Tgt Ion: 76 Resp: 30542
Ion Ratio Lower Upper
76 100
44 49.4 14.9 22.3#
78 10.1 7.5 11.3

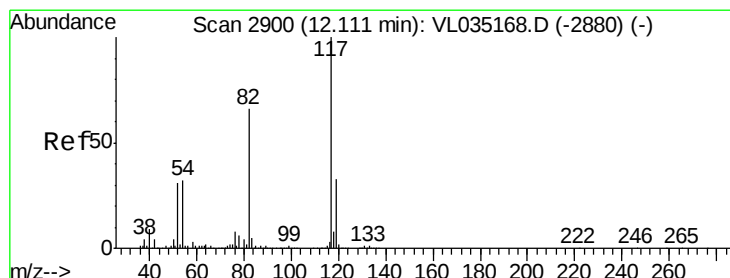
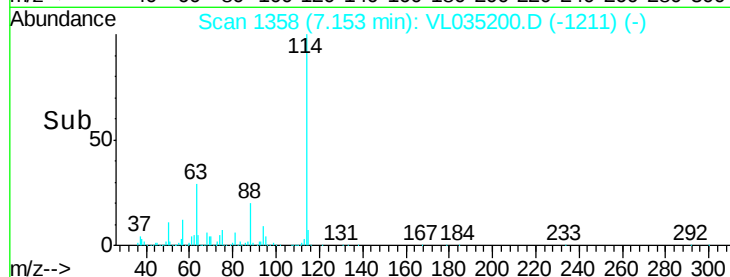
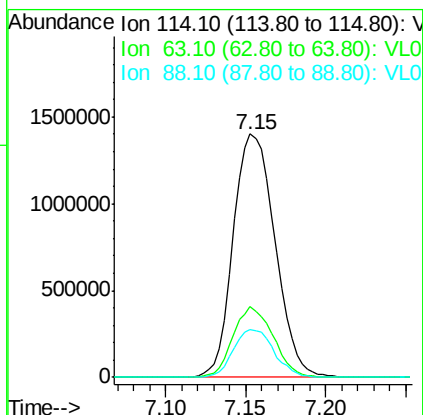
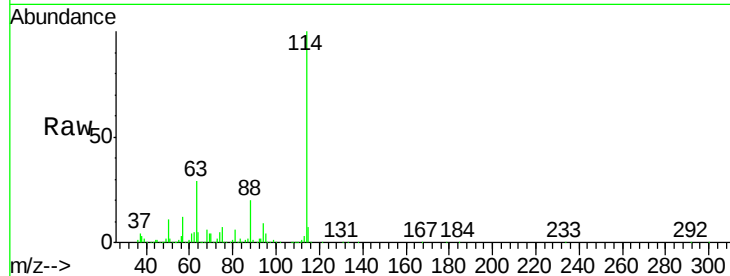




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL035200.D
 Acq: 16 Jul 2020 19:07

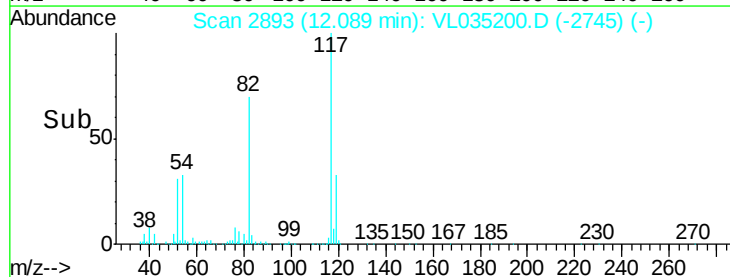
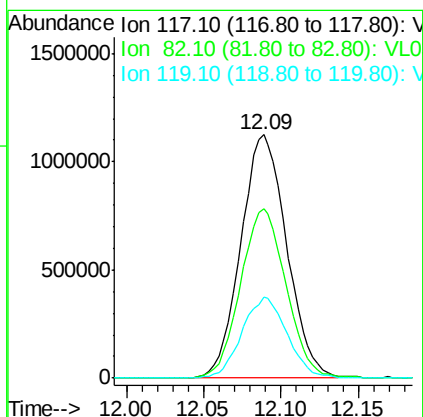
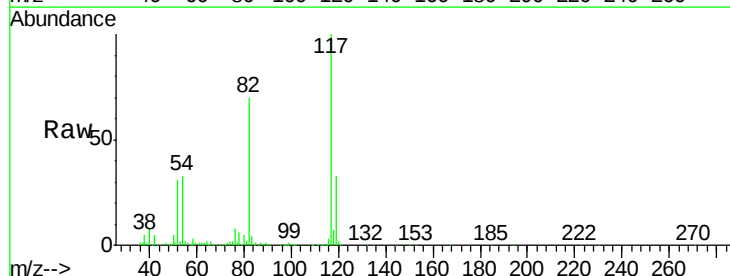
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

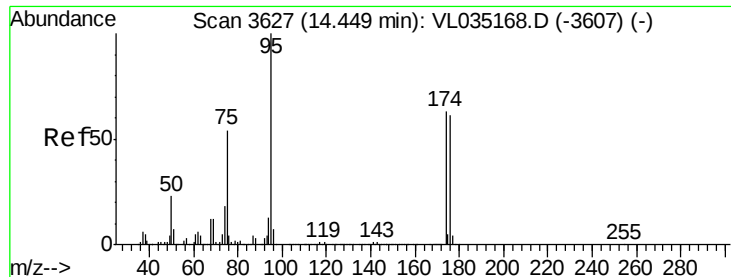
Tot Ion:114 Resp: 2478779
 Ion Ratio Lower Upper
 114 100
 63 28.2 22.0 33.0
 88 19.3 15.4 23.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.02 min
 Lab File: VL035200.D
 Acq: 16 Jul 2020 19:07

Tgt Ion:117 Resp: 2317680
 Ion Ratio Lower Upper
 117 100
 82 69.3 52.3 78.5
 119 33.0 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.315 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. -0.02 min

Lab File: VL035200.D

Acq: 16 Jul 2020 19:07

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

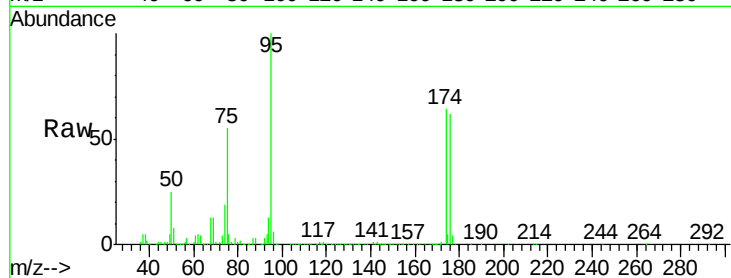
Tot Ion: 95 Resp: 1942056

Ion Ratio Lower Upper

95 100

174 64.6 52.2 78.2

175 4.5 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

