

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035365.D
 Acq On : 7 Aug 2020 1:06
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 07 06:31:28 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1292479	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3261673	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3025376	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2520334	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

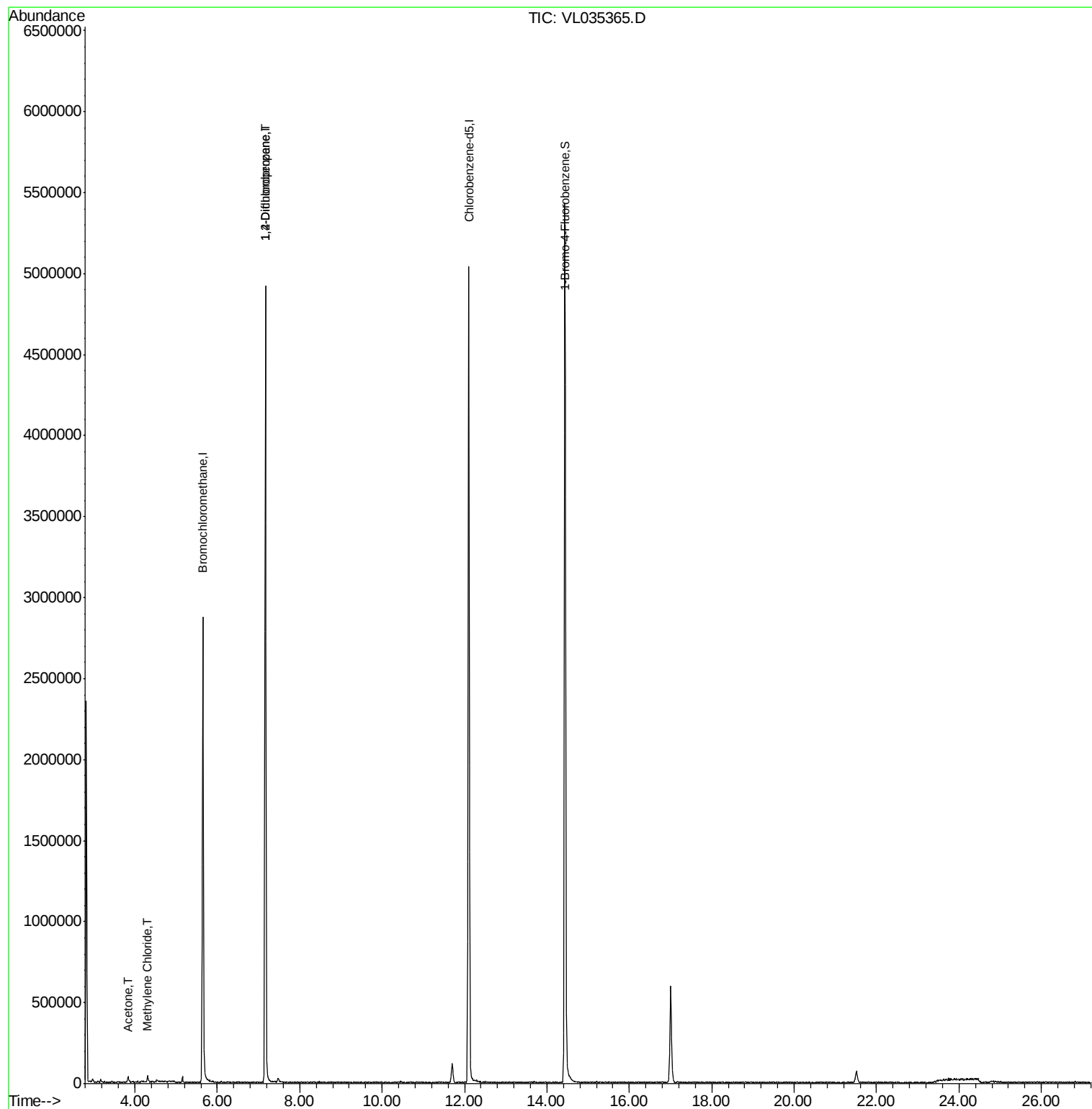
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	13606	0.074	ppbv #	49
20) Methylene Chloride	4.31	84	9198	0.123	ppbv	90
39) 1,2-Dichloropropane	7.16	63	858949	9.633	ppbv #	23

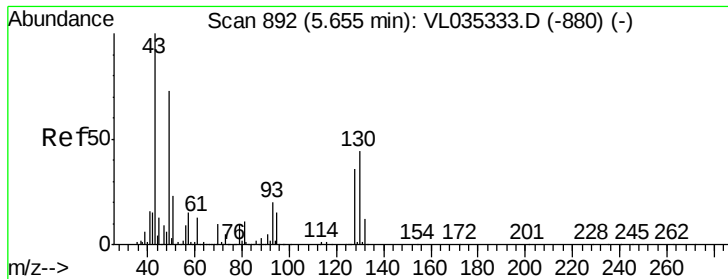
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035365.D

Acq: 7 Aug 2020 1:06

Instrument :
MSVOA_L
ClientSampleId :

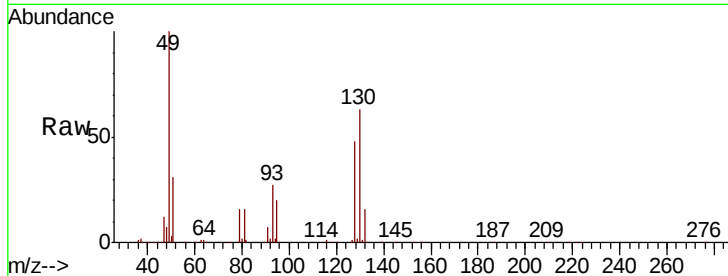
Tot Ion: 49 Resp: 1292479

Ion Ratio Lower Upper

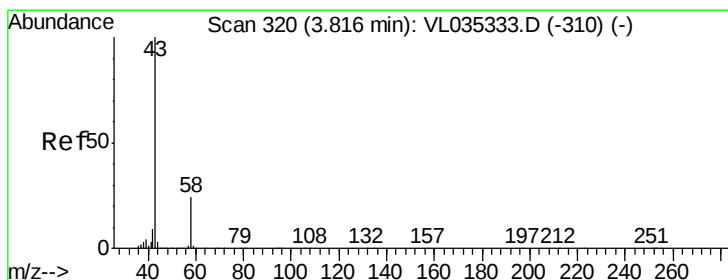
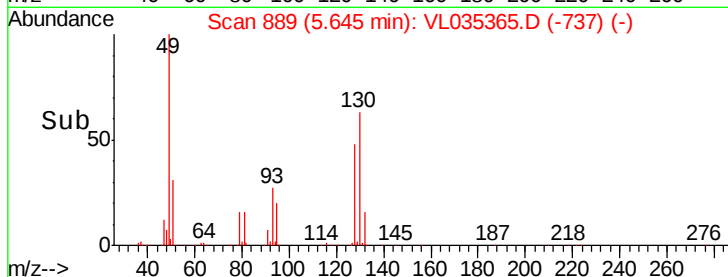
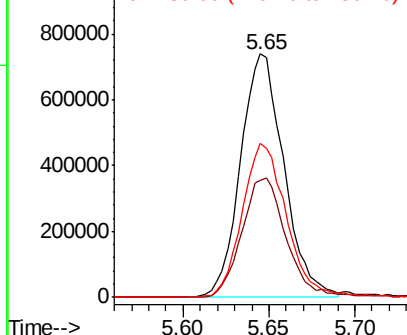
49 100

128 50.9 25.4 76.0

130 65.5 32.1 96.3



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: 0.074 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.01 min

Lab File: VL035365.D

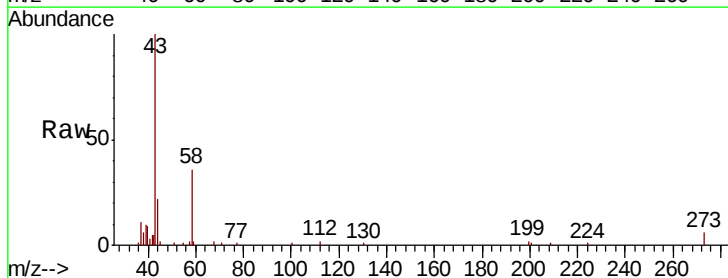
Acq: 7 Aug 2020 1:06

Tgt Ion: 43 Resp: 13606

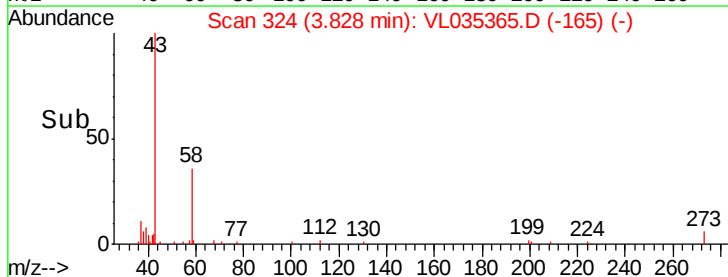
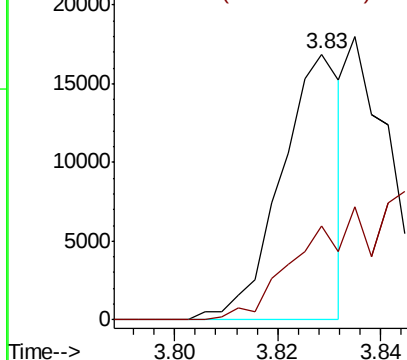
Ion Ratio Lower Upper

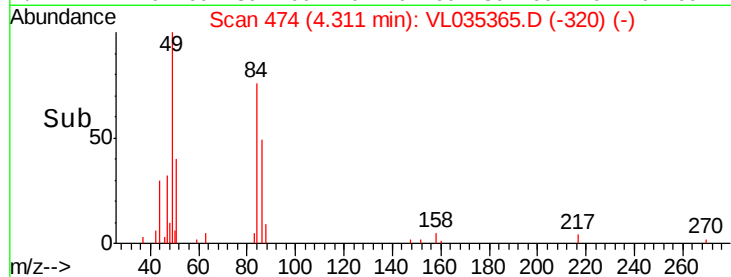
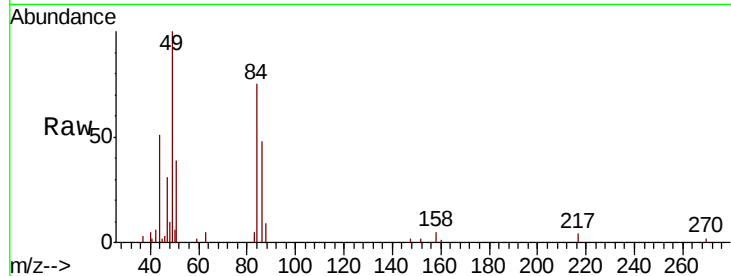
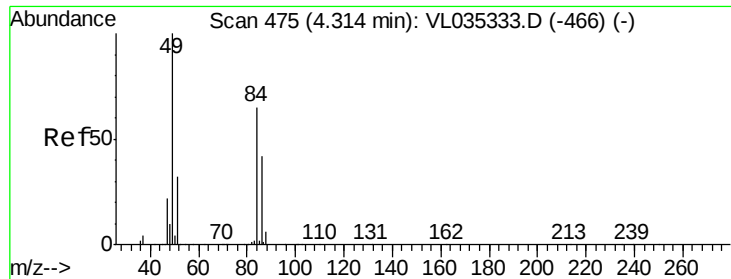
43 100

58 0.0 21.0 31.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

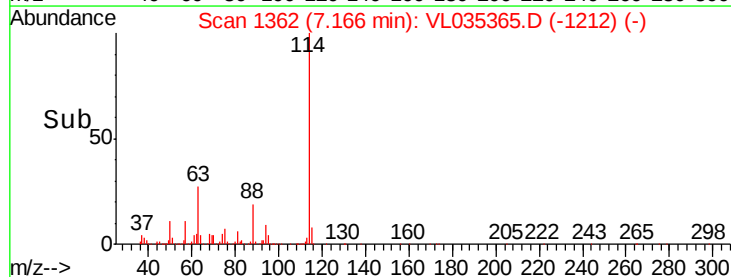
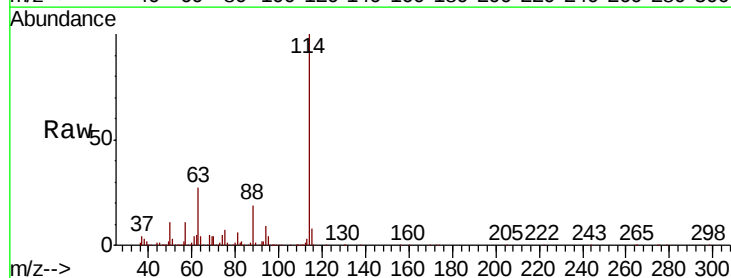
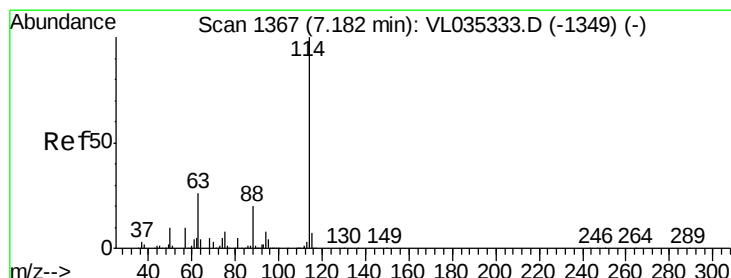
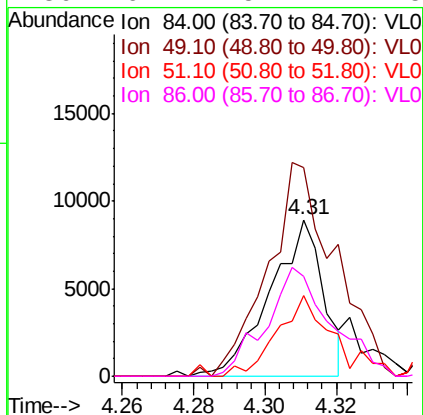




#20
Methylene Chloride
Concen: 0.123 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035365.D
Acq: 7 Aug 2020 1:06

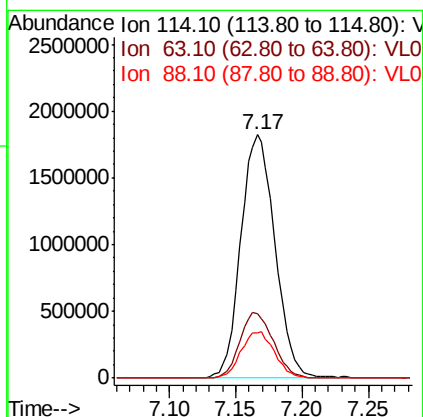
Instrument :
MSVOA_L
ClientSampleId :

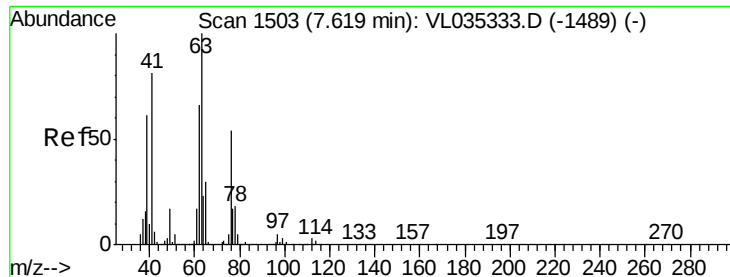
Tot Ion: 84 Resp: 9198
Ion Ratio Lower Upper
84 100
49 133.0 122.8 184.2
51 51.7 40.1 60.1
86 64.1 51.7 77.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL035365.D
Acq: 7 Aug 2020 1:06

Tgt Ion: 114 Resp: 3261673
Ion Ratio Lower Upper
114 100
63 26.6 21.3 31.9
88 18.8 15.3 22.9





#39

1,2-Dichloropropane

Concen: 9.633 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.46 min

Lab File: VL035365.D

Acq: 7 Aug 2020 1:06

Instrument :

MSVOA_L

ClientSampleId :

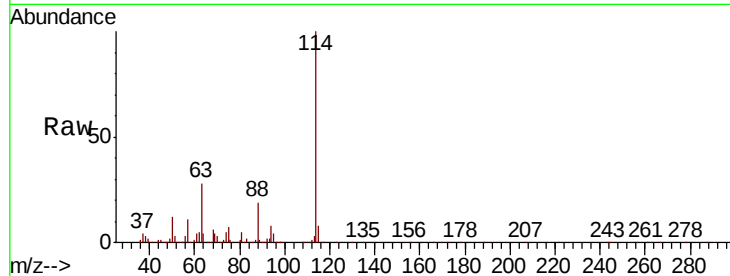
Tot Ion: 63 Resp: 858949

Ion Ratio Lower Upper

63 100

41 0.0 64.4 96.6#

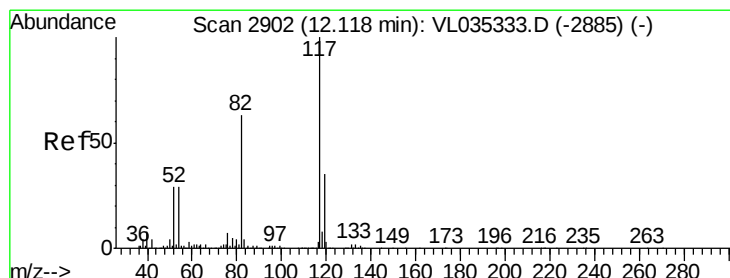
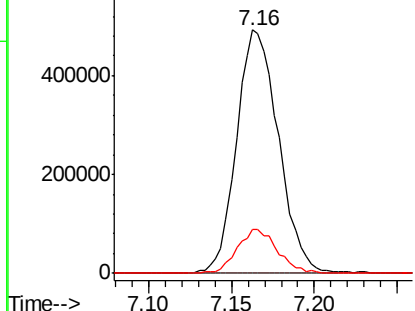
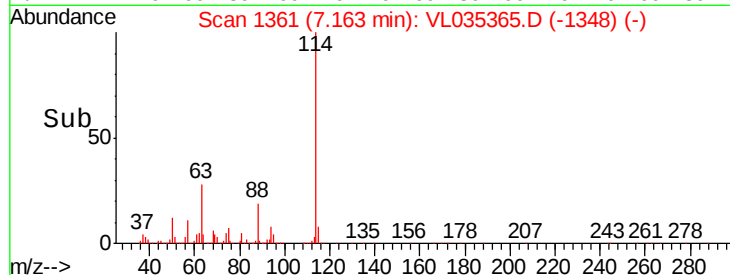
62 18.1 52.6 78.8#



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: 12.10 min Scan# 2897

Delta R.T. -0.02 min

Lab File: VL035365.D

Acq: 7 Aug 2020 1:06

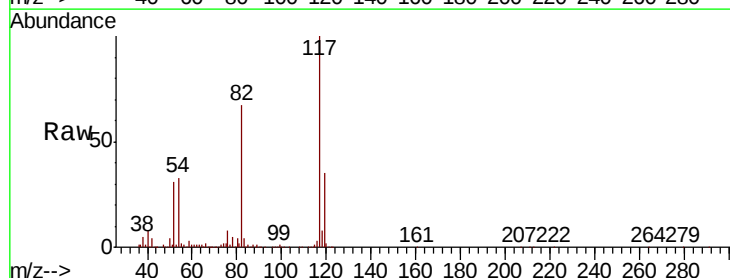
Tgt Ion: 117 Resp: 3025376

Ion Ratio Lower Upper

117 100

82 66.2 51.0 76.4

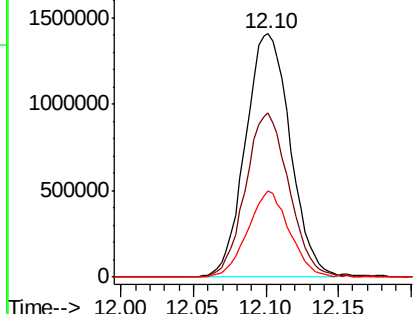
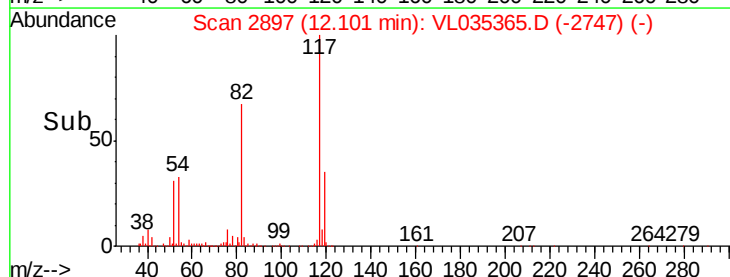
119 33.0 24.7 37.1

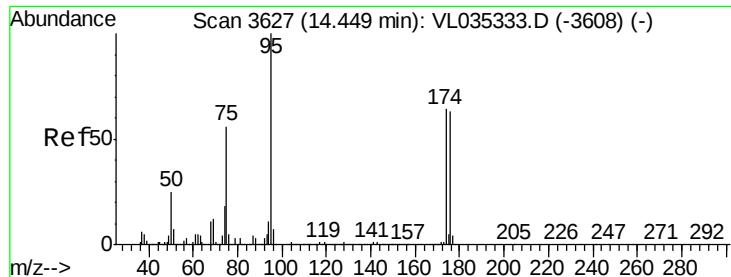


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.990 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

Lab File: VL035365.D

Acq: 7 Aug 2020 1:06

Instrument :

MSVOA_L

ClientSampleId :

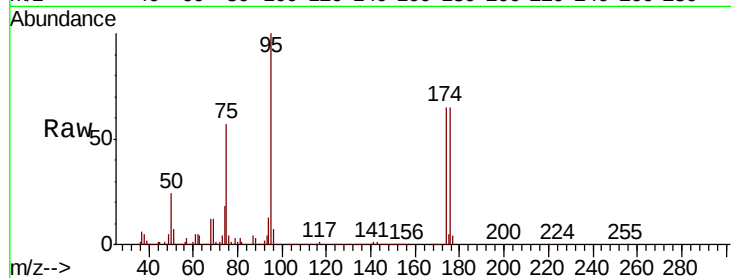
Tot Ion: 95 Resp: 2520334

Ion Ratio Lower Upper

95 100

174 66.6 53.5 80.3

175 5.1 4.2 6.2



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

