

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035267.D
 Acq On : 30 Jul 2020 5:25
 Operator : SY/AP
 Sample : OC CAN 10590
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10590

Quant Time: Jul 30 07:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1239644	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2910429	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2589408	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2127194	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

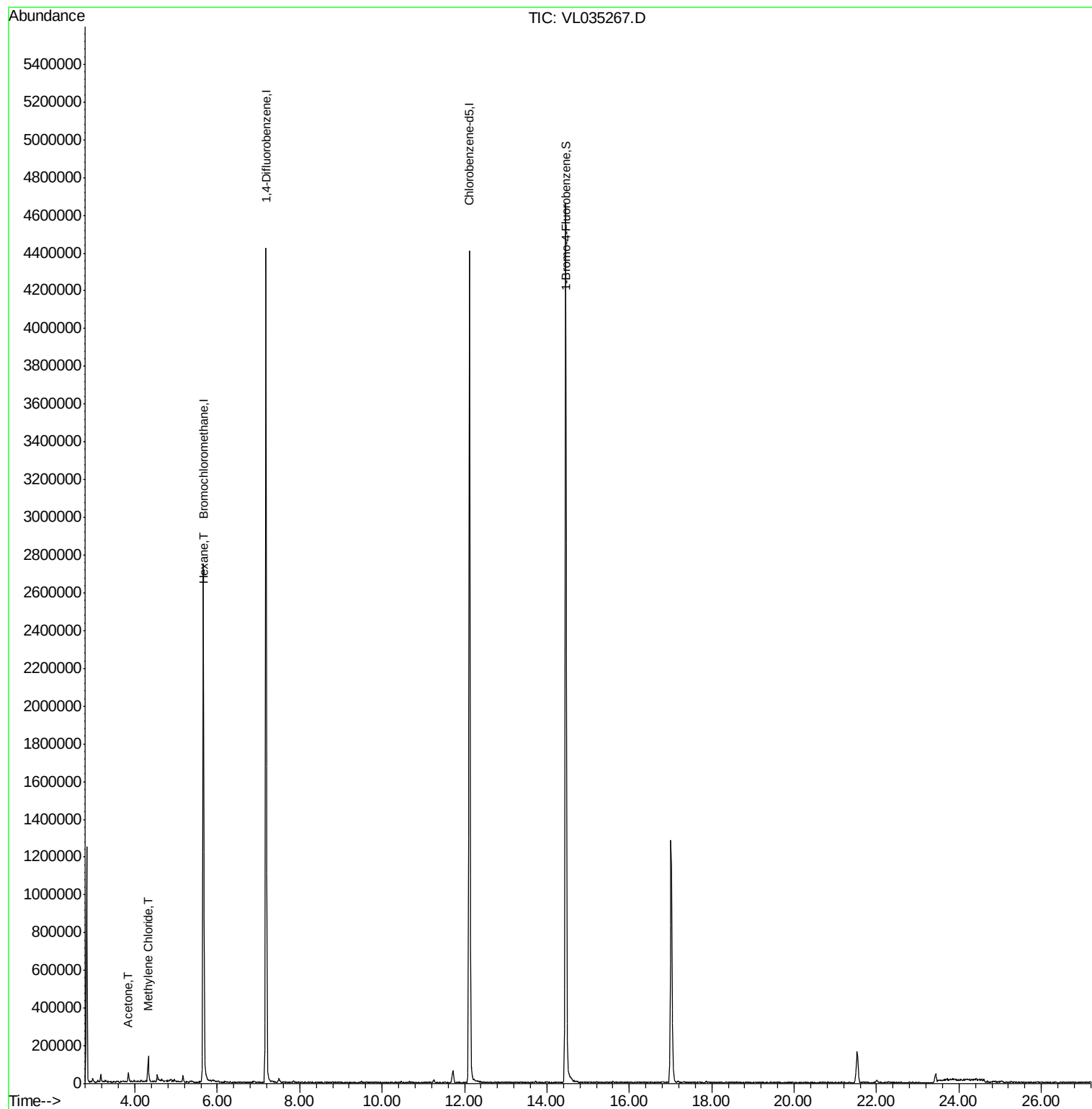
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	42049	0.254	ppbv	# 47
20) Methylene Chloride	4.32	84	44078	0.586	ppbv	94
26) Hexane	5.67	57	12650m	0.109	ppbv	

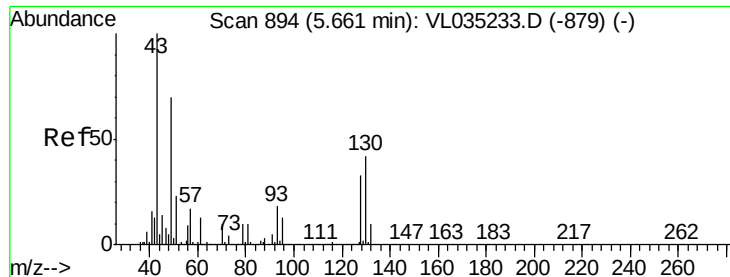
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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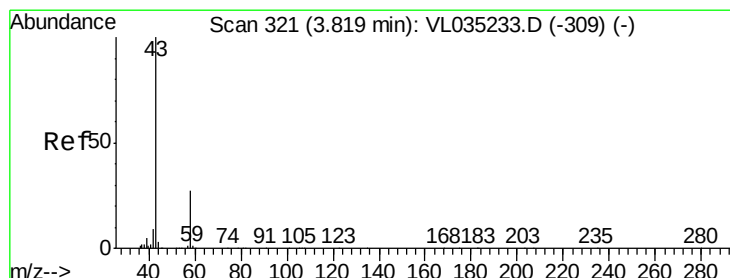
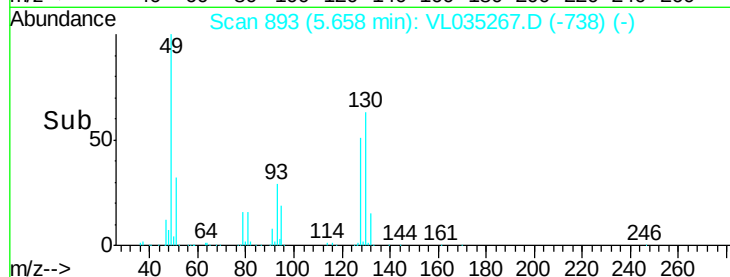
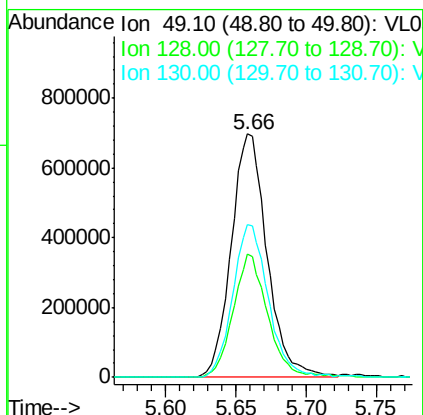
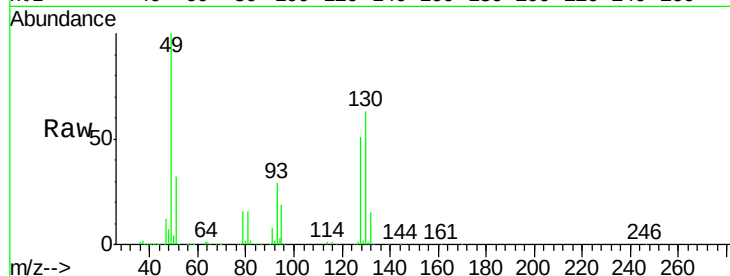




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL035267.D
Acq: 30 Jul 2020 5:25

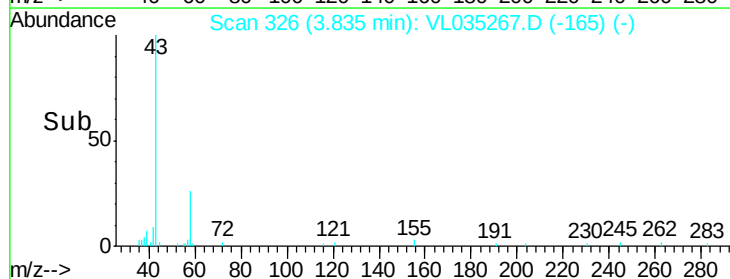
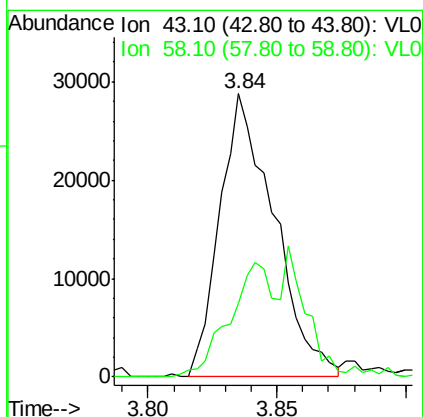
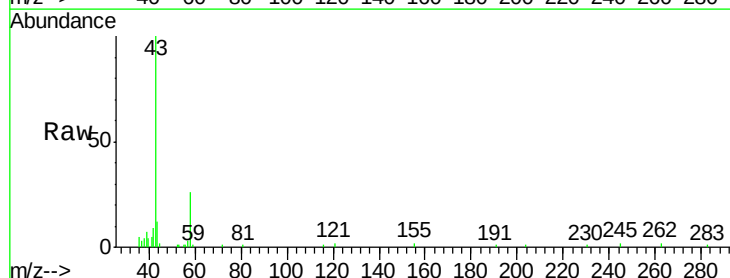
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10590

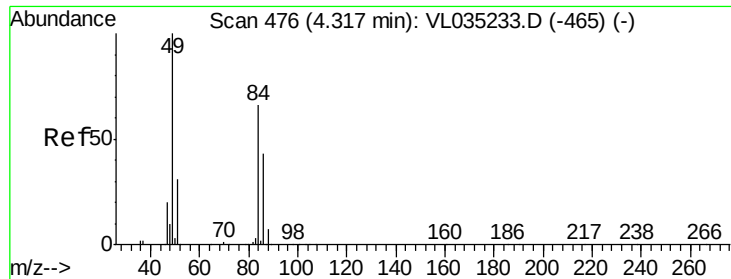
Tot Ion: 49 Resp: 1239644
Ion Ratio Lower Upper
49 100
128 49.3 24.0 72.0
130 62.8 30.7 92.1



#15
Acetone
Concen: 0.254 ppbv
RT: 3.84 min Scan# 326
Delta R.T. 0.02 min
Lab File: VL035267.D
Acq: 30 Jul 2020 5:25

Tgt Ion: 43 Resp: 42049
Ion Ratio Lower Upper
43 100
58 54.5 21.8 32.6#

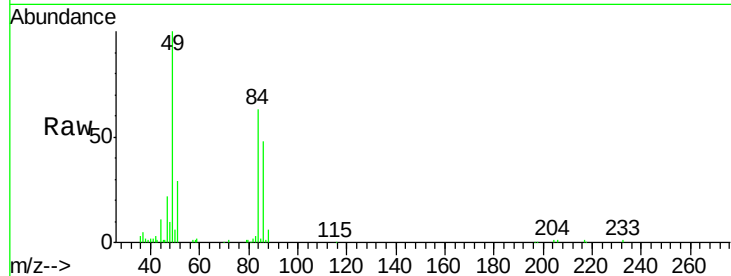




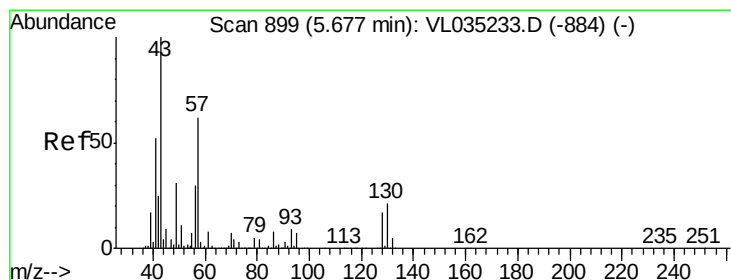
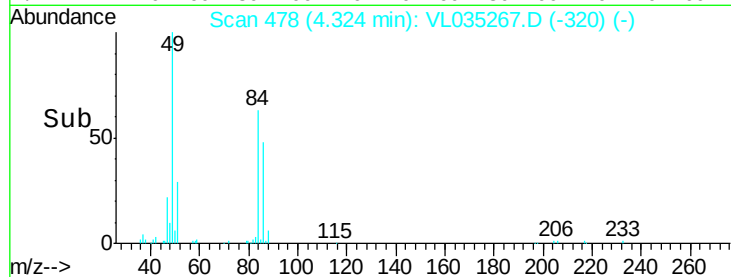
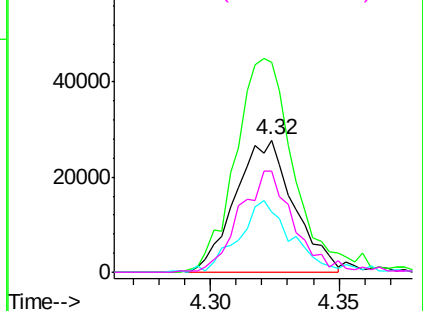
#20
Methvlene Chloride
Concen: 0.586 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035267.D
Acq: 30 Jul 2020 5:25

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10590

Tot Ion:	84	Resp:	44078
Ion	Ratio	Lower	Upper
84	100		
49	156.5	121.0	181.4
51	45.9	37.7	56.5
86	75.3	52.2	78.4

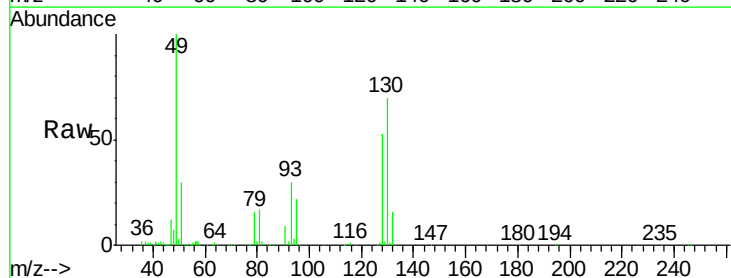


Abundance Ion 84.00 (83.70 to 84.70): VL0

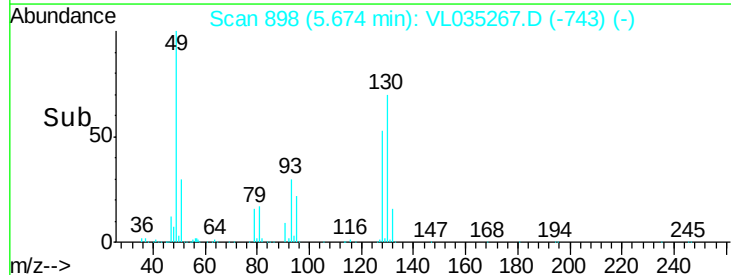
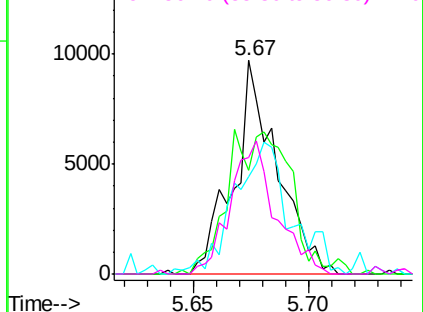


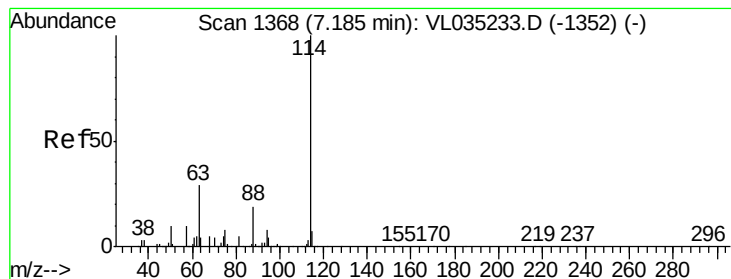
#26
Hexane
Concen: 0.109 ppbv m
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL035267.D
Acq: 30 Jul 2020 5:25

Tgt Ion:	57	Resp:	12650
Ion	Ratio	Lower	Upper
57	100		
41	98.6	73.9	110.9
43	84.3	177.6	266.4#
56	65.4	43.0	64.4#



Abundance Ion 57.10 (56.80 to 57.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VL035267.D

Acq: 30 Jul 2020 5:25

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10590

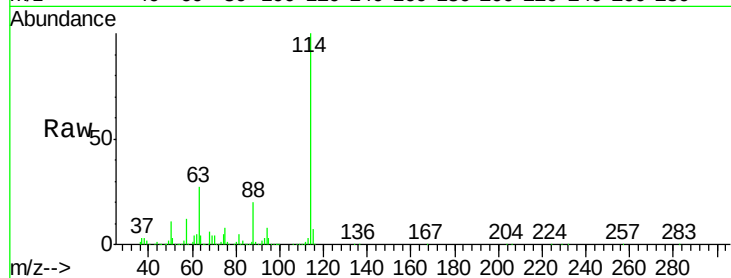
Tot Ion:114 Resp: 2910429

Ion Ratio Lower Upper

114 100

63 27.3 22.2 33.2

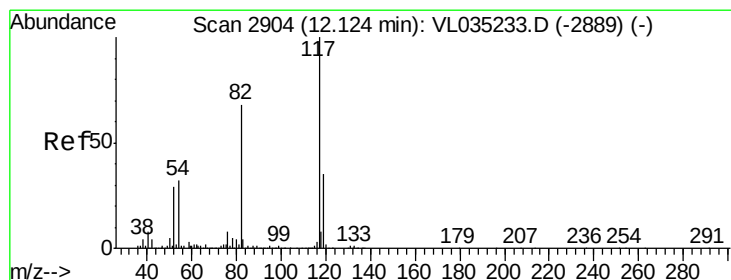
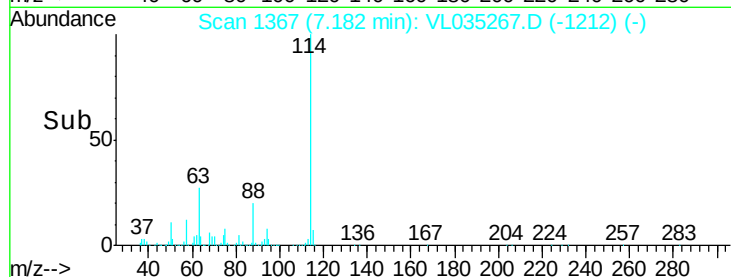
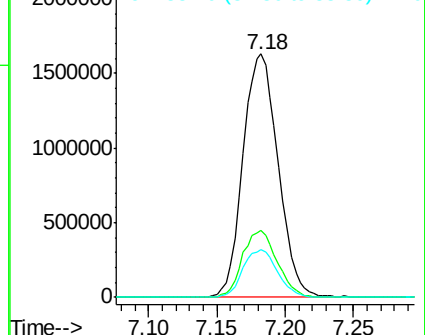
88 19.4 15.4 23.0



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: 12.12 min Scan# 2902

Delta R.T. -0.01 min

Lab File: VL035267.D

Acq: 30 Jul 2020 5:25

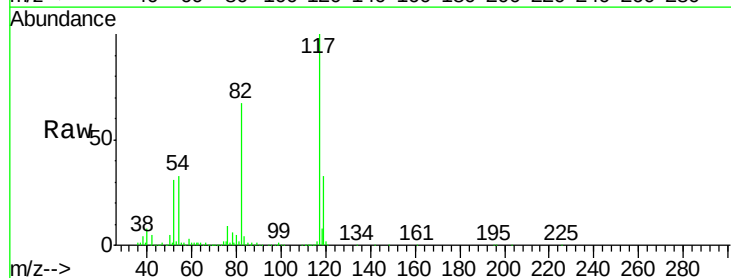
Tgt Ion:117 Resp: 2589408

Ion Ratio Lower Upper

117 100

82 68.9 52.4 78.6

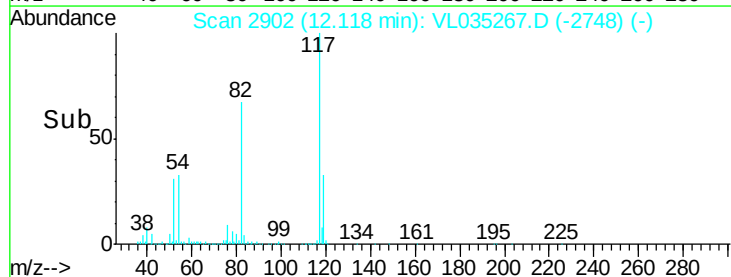
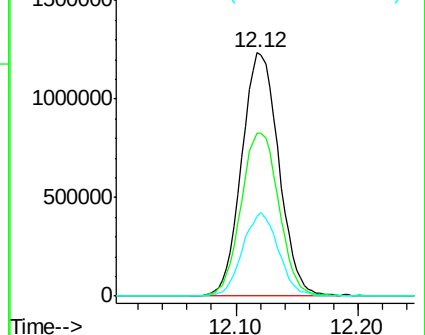
119 33.1 24.6 36.8

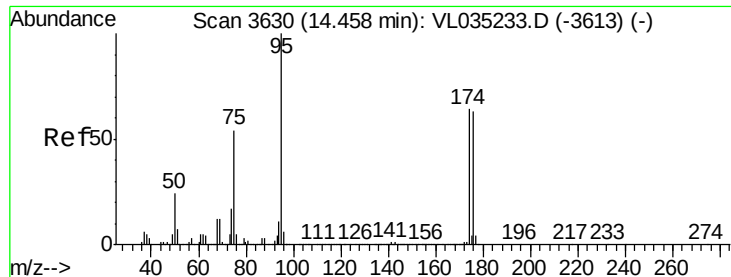


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.281 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.00 min
 Lab File: VL035267.D
 Acq: 30 Jul 2020 5:25

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10590

Tot Ion: 95 Resp: 2127194
 Ion Ratio Lower Upper
 95 100
 174 65.1 52.7 79.1
 175 4.7 3.9 5.9

