

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036077.D
 Acq On : 7 Dec 2020 23:07
 Operator : SY/AP
 Sample : OC120320 CAN 10608
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120320 CAN 10608

Quant Time: Dec 08 08:40:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1240822	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2803891	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2500278	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2036452	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

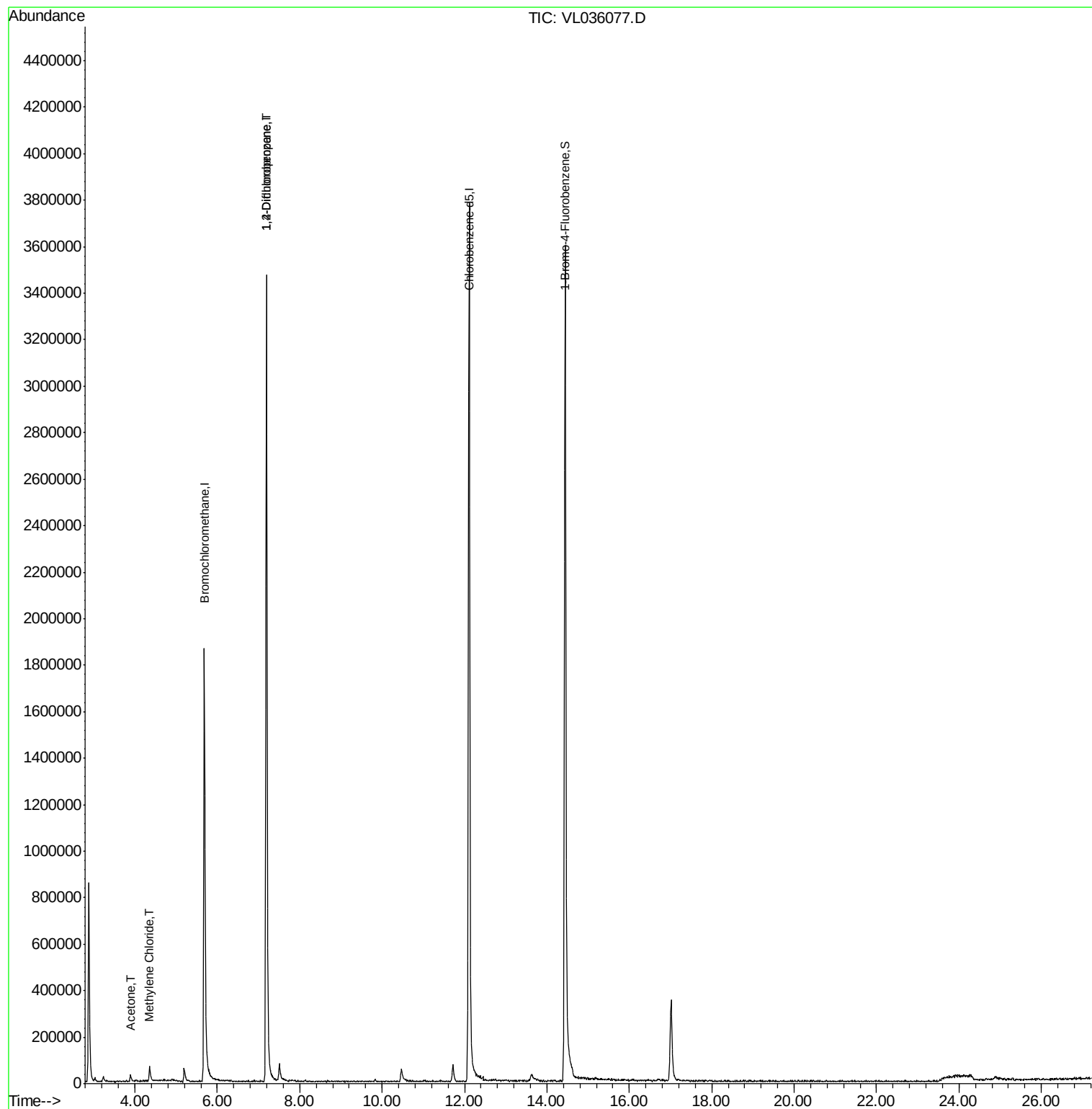
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	21727	0.146	ppbv #	1
20) Methylene Chloride	4.36	84	16034	0.262	ppbv	94
39) 1,2-Dichloropropane	7.19	63	809072	8.622	ppbv #	24

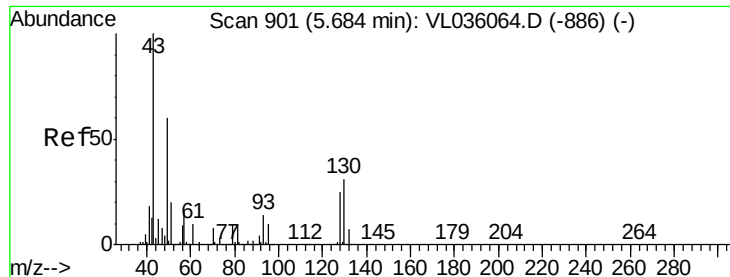
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL036077.D

Acq: 7 Dec 2020 23:07

Instrument :

MSVOA_L

ClientSampleId :

QC120320 CAN 10608

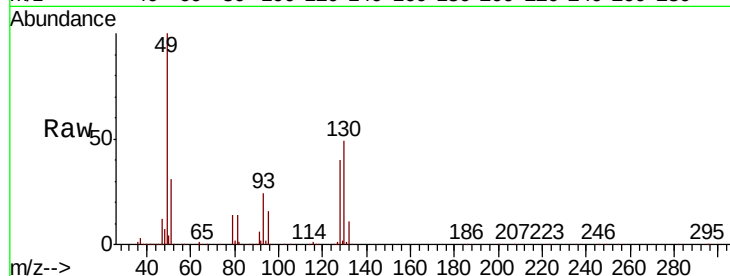
Tot Ion: 49 Resp: 1240822

Ion Ratio Lower Upper

49 100

128 40.9 21.1 63.1

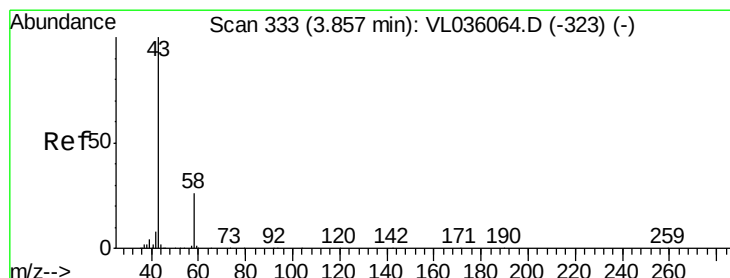
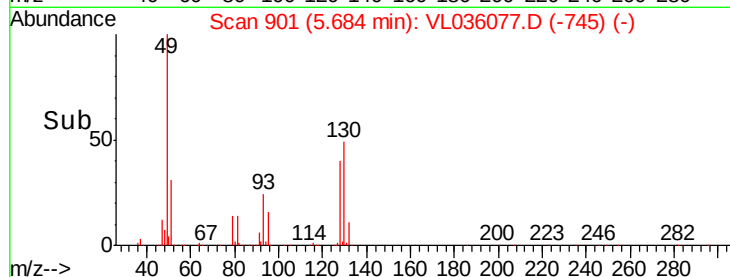
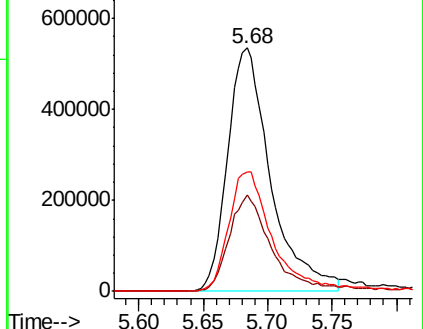
130 51.3 27.1 81.3



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: 0.146 ppbv

RT: 3.89 min Scan# 342

Delta R.T. 0.03 min

Lab File: VL036077.D

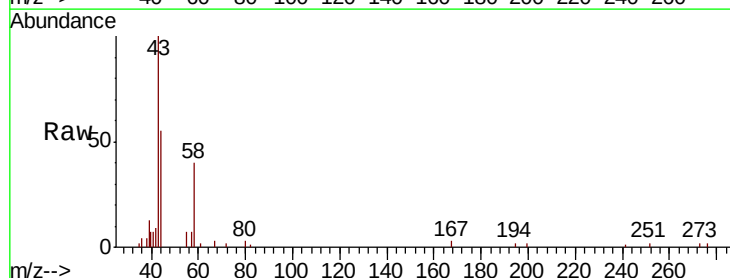
Acq: 7 Dec 2020 23:07

Tgt Ion: 43 Resp: 21727

Ion Ratio Lower Upper

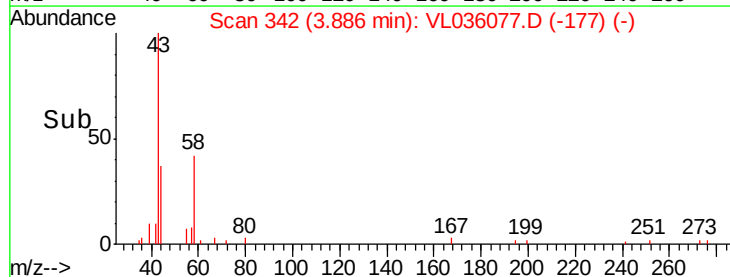
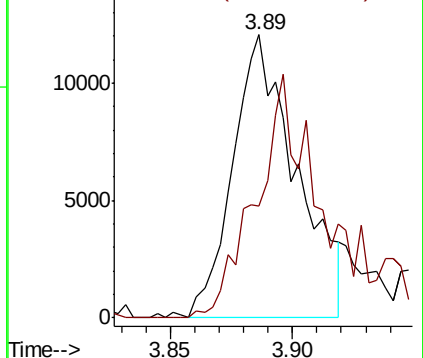
43 100

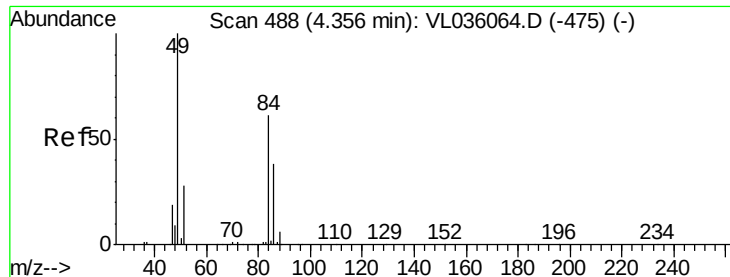
58 97.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

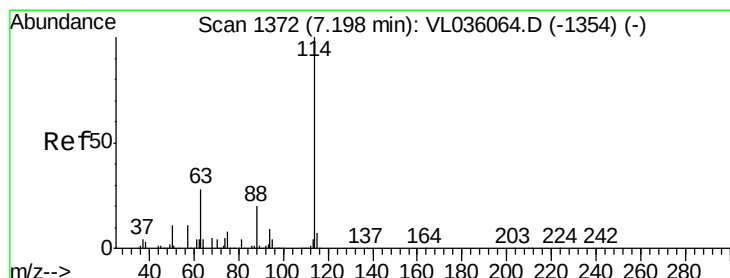
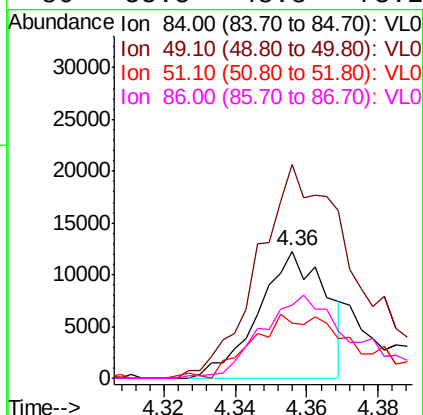
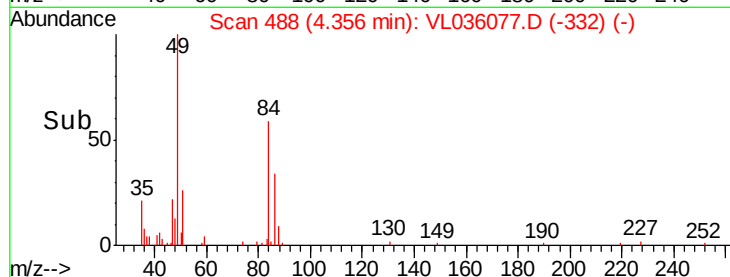
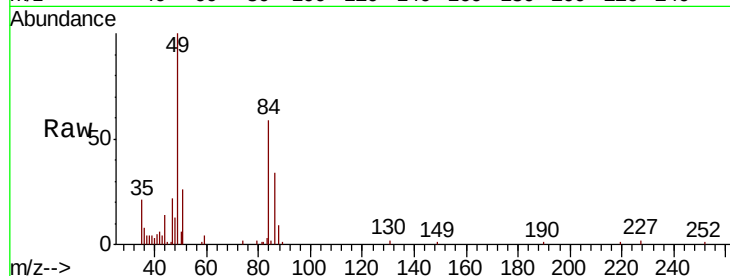




#20
Methylene Chloride
Concen: 0.262 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL036077.D
Acq: 7 Dec 2020 23:07

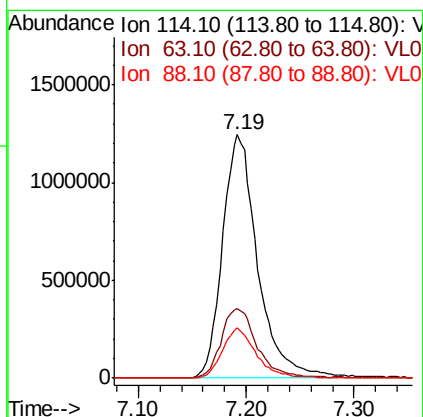
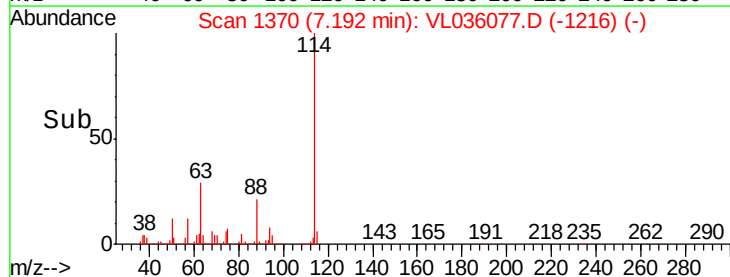
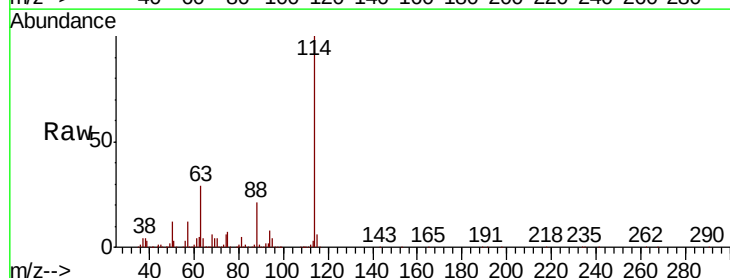
Instrument :
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QC120320 CAN 10608

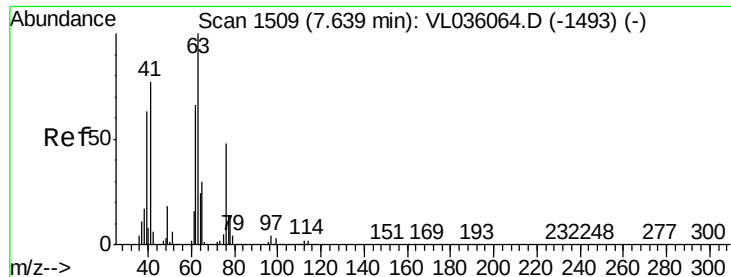
Tot Ion: 84 Resp: 16034
Ion Ratio Lower Upper
84 100
49 161.8 133.0 199.4
51 40.1 38.9 58.3
86 55.5 48.8 73.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL036077.D
Acq: 7 Dec 2020 23:07

Tgt Ion: 114 Resp: 2803891
Ion Ratio Lower Upper
114 100
63 29.7 23.6 35.4
88 20.3 15.8 23.6





#39

1,2-Dichloropropane

Concen: 8.622 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.45 min

Lab File: VL036077.D

Acq: 7 Dec 2020 23:07

Instrument :

MSVOA_L

ClientSampleId :

QC120320 CAN 10608

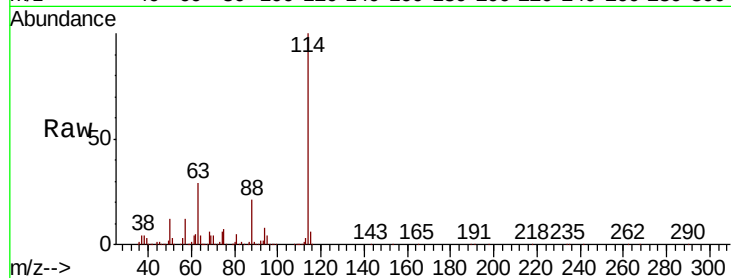
Tot Ion: 63 Resp: 809072

Ion Ratio Lower Upper

63 100

41 0.2 61.9 92.9#

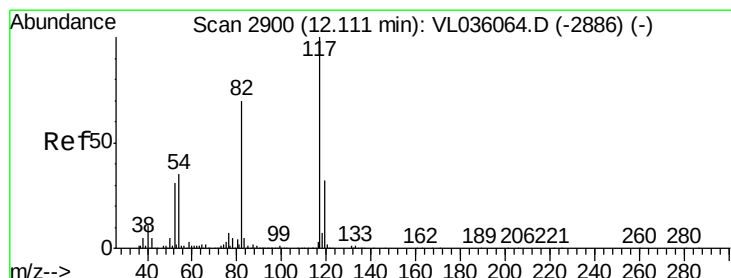
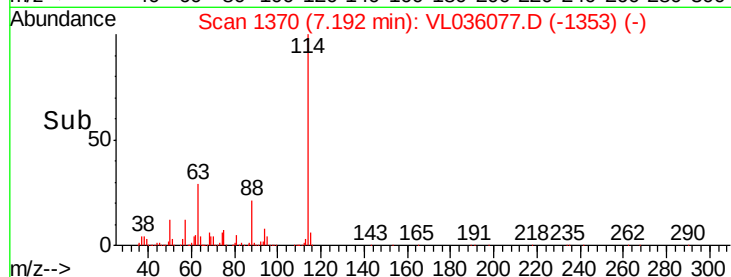
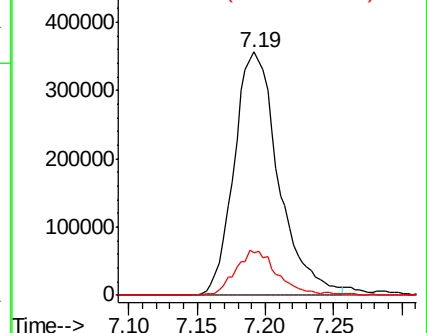
62 17.1 52.5 78.7#



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: 12.11 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VL036077.D

Acq: 7 Dec 2020 23:07

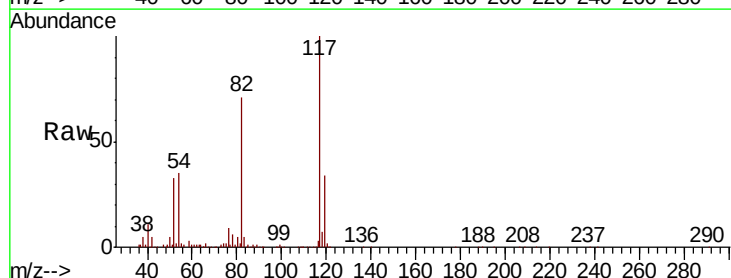
Tgt Ion: 117 Resp: 2500278

Ion Ratio Lower Upper

117 100

82 72.9 0.0 0.0#

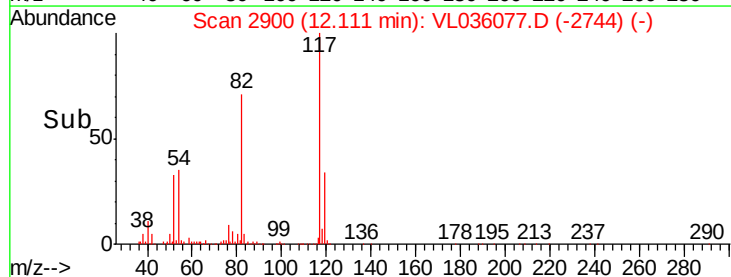
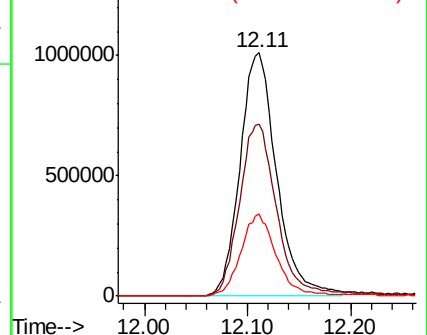
119 33.2 0.0 0.0#

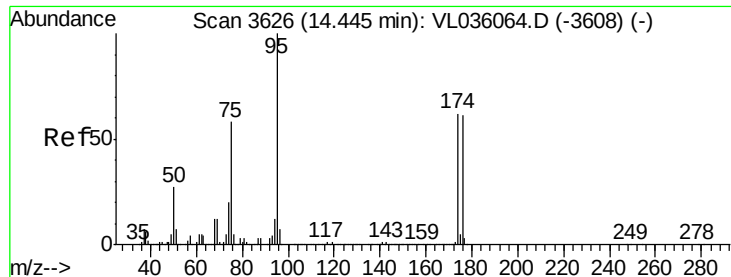


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.257 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL036077.D

Acq: 7 Dec 2020 23:07

Instrument :

MSVOA_L

ClientSampleId :

QC120320 CAN 10608

Tot Ion: 95 Resp: 2036452

Ion Ratio Lower Upper

95 100

174 62.0 50.7 76.1

175 4.5 4.0 6.0

