

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035522.D
 Acq On : 27 Aug 2020 17:00
 Operator : SY/AP
 Sample : CAN 10608
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10608

Quant Time: Aug 28 02:44:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	980869	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4066349	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	4066230	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2977211	10.31	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

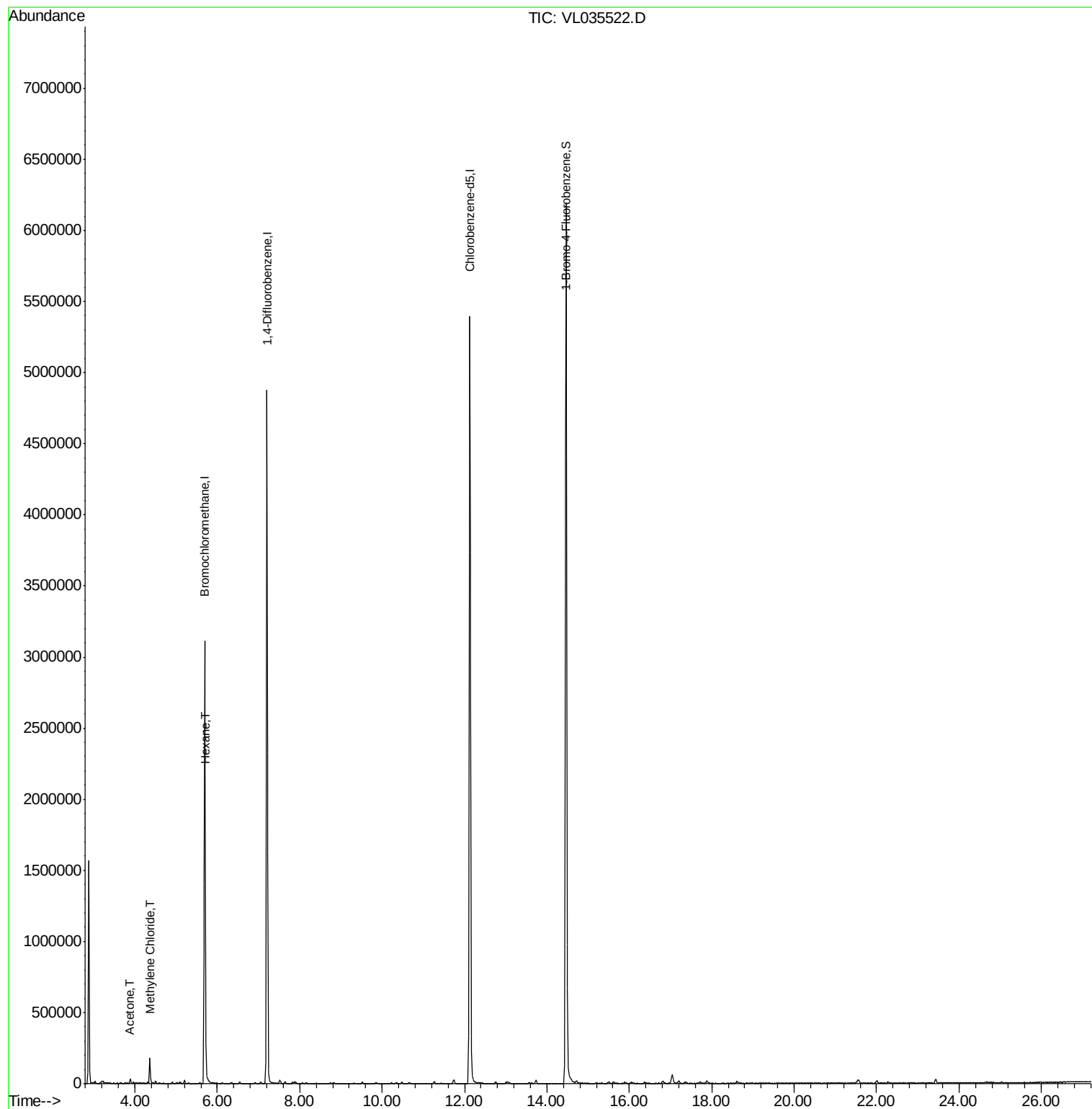
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	23302	0.215	ppbv #	60
20) Methylene Chloride	4.37	84	80772	1.002	ppbv	95
26) Hexane	5.71	57	30930	0.286	ppbv #	52

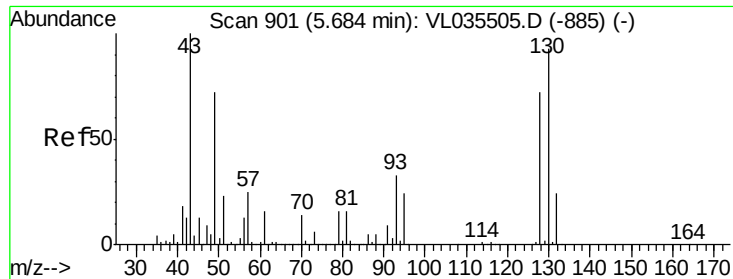
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

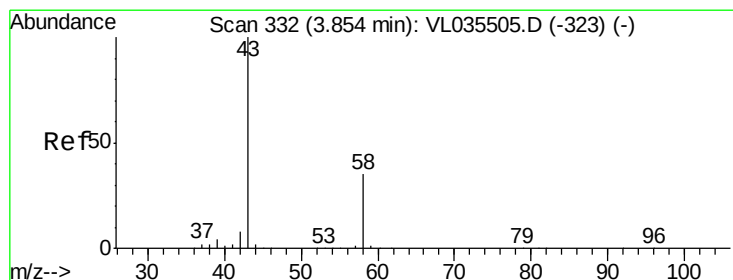
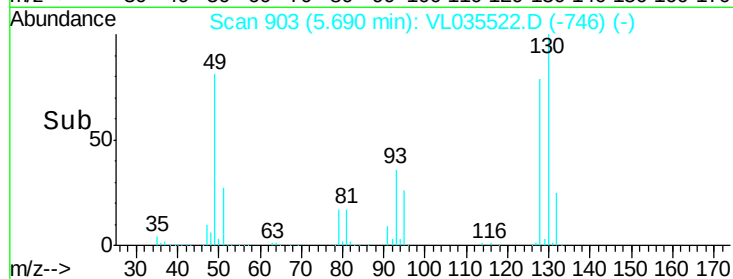
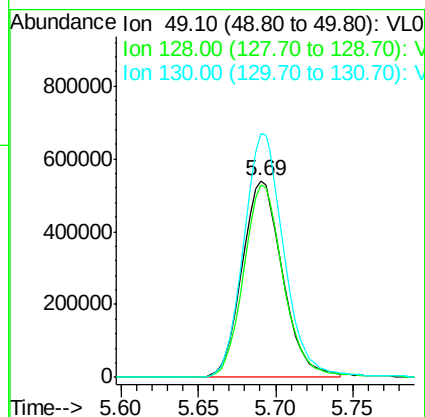
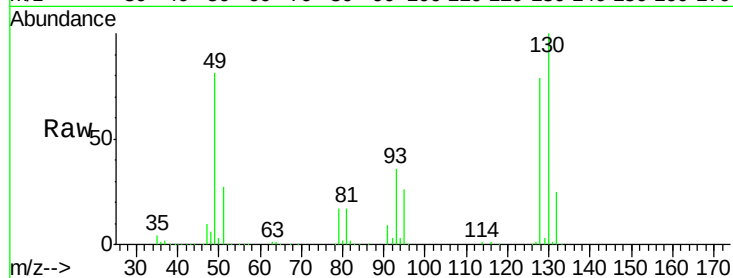




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: VL035522.D
 Acq: 27 Aug 2020 17:00

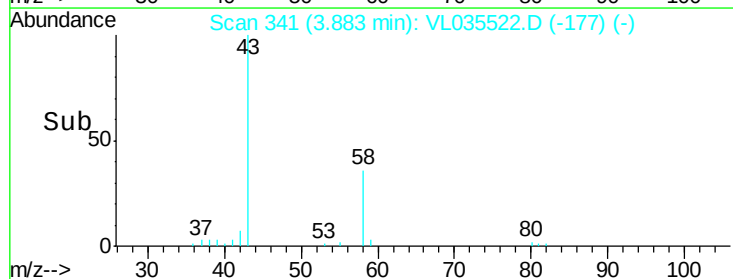
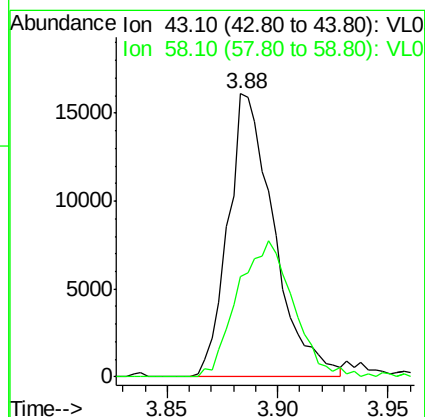
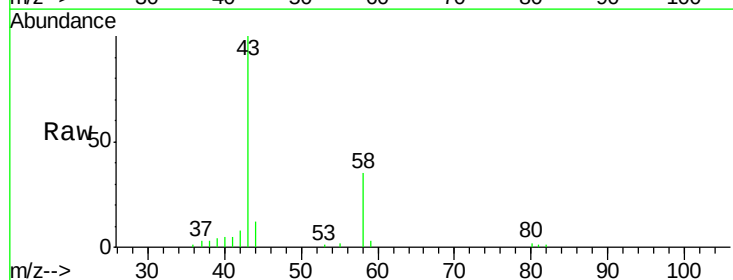
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10608

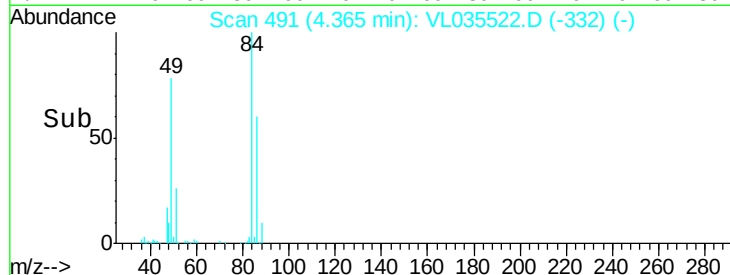
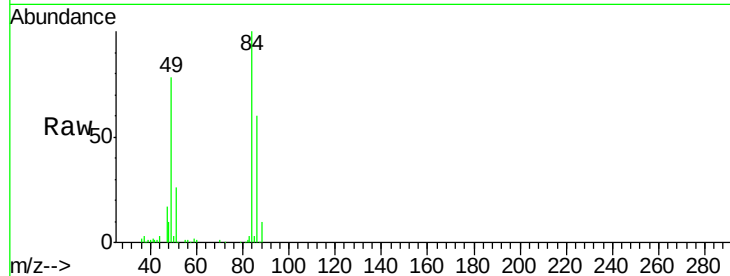
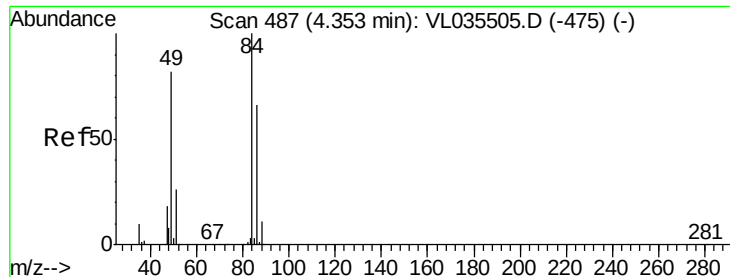
Tot Ion: 49 Resp: 980869
 Ion Ratio Lower Upper
 49 100
 128 97.4 50.0 150.1
 130 124.6 64.4 193.2



#15
 Acetone
 Concen: 0.215 ppbv
 RT: 3.88 min Scan# 341
 Delta R.T. 0.03 min
 Lab File: VL035522.D
 Acq: 27 Aug 2020 17:00

Tgt Ion: 43 Resp: 23302
 Ion Ratio Lower Upper
 43 100
 58 58.8 28.4 42.6#

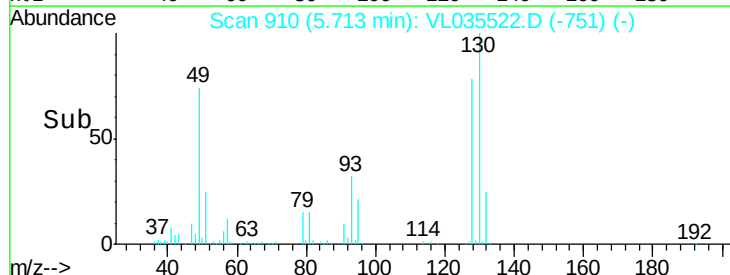
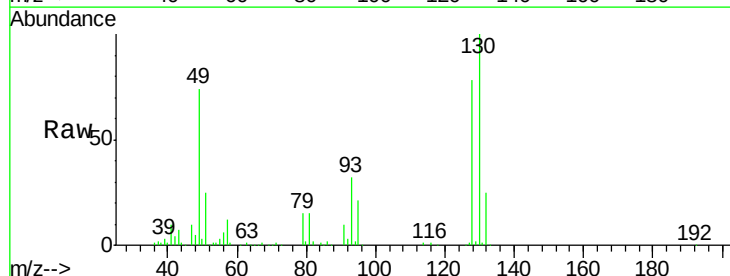
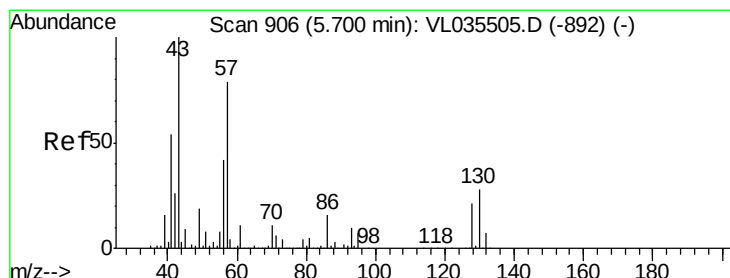
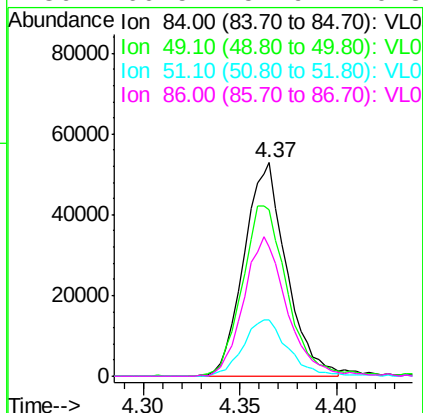




#20
Methylene Chloride
Concen: 1.002 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

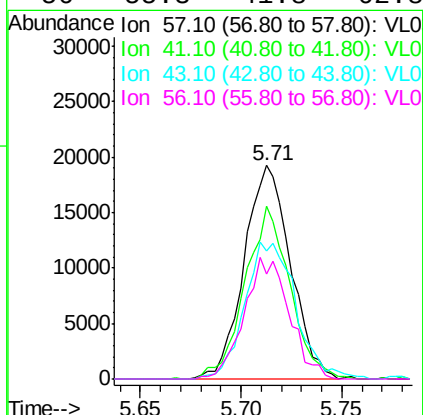
Instrument :
MSVOA_L
ClientSampleId :
CAN 10608

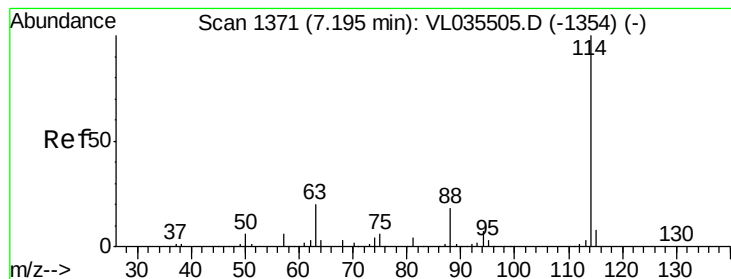
Tot Ion:	84	Resp:	80772
Ion	Ratio	Lower	Upper
84	100		
49	78.0	65.4	98.0
51	26.2	21.5	32.3
86	60.5	52.9	79.3



#26
Hexane
Concen: 0.286 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion:	57	Resp:	30930
Ion	Ratio	Lower	Upper
57	100		
41	78.8	55.9	83.9
43	70.6	141.8	212.8#
56	55.3	41.8	62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VL035522.D

Acq: 27 Aug 2020 17:00

Instrument :

MSVOA_L

ClientSampled :

CAN 10608

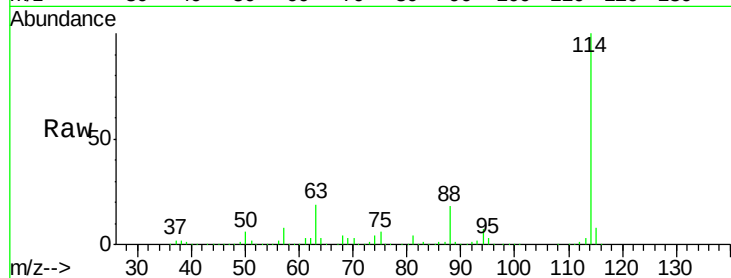
Tot Ion:114 Resp: 4066349

Ion Ratio Lower Upper

114 100

63 18.4 14.7 22.1

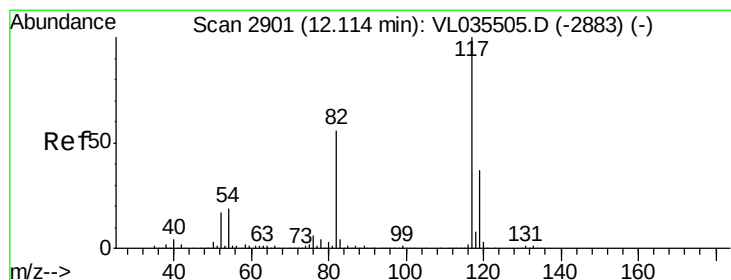
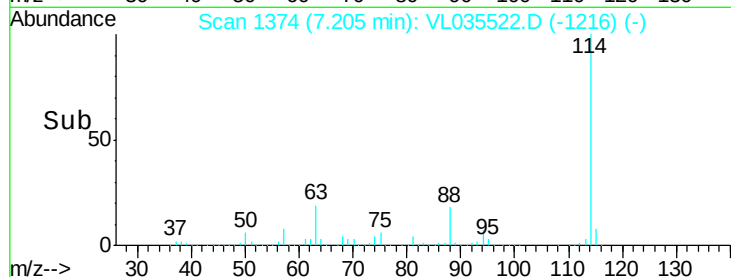
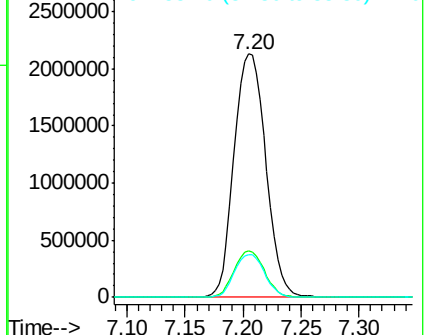
88 16.8 13.4 20.2



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: 12.13 min Scan# 2906

Delta R.T. 0.02 min

Lab File: VL035522.D

Acq: 27 Aug 2020 17:00

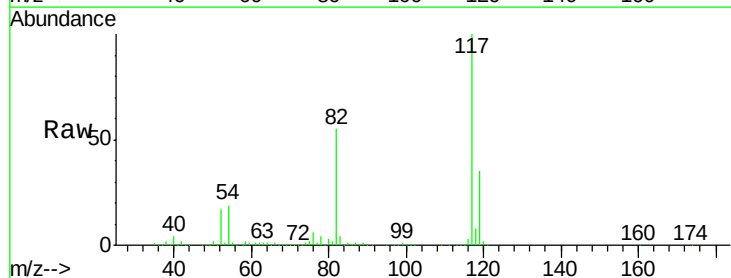
Tgt Ion:117 Resp: 4066230

Ion Ratio Lower Upper

117 100

82 55.3 41.6 62.4

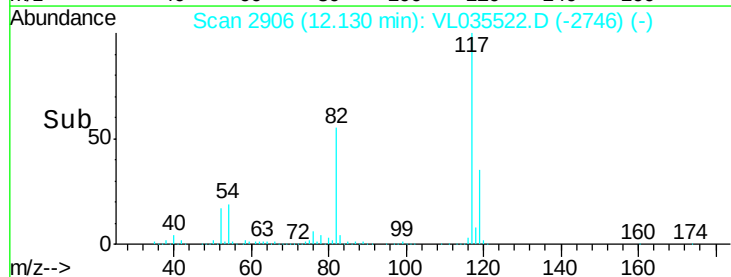
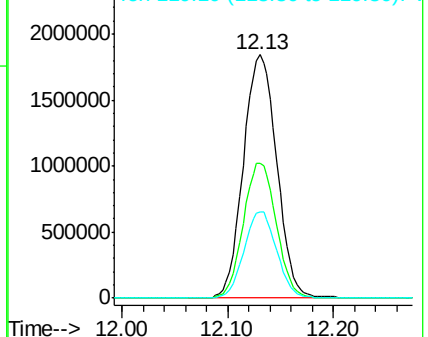
119 34.9 29.3 43.9

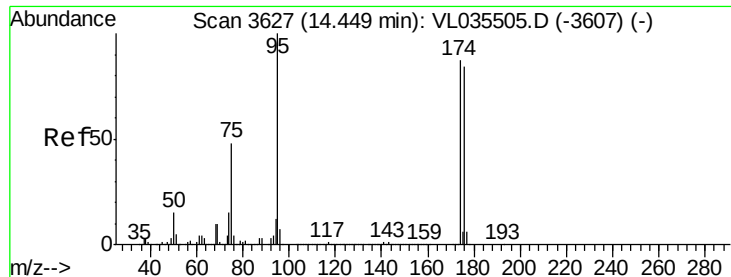


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.310 ppbv

RT: 14.46 min Scan# 3632

Delta R.T. 0.02 min

Lab File: VL035522.D

Acq: 27 Aug 2020 17:00

Instrument :

MSVOA_L

ClientSampleId :

CAN 10608

Tot Ion: 95 Resp: 2977211

Ion Ratio Lower Upper

95 100

174 88.1 69.6 104.4

175 6.4 5.1 7.7

