

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036193.D
 Acq On : 23 Dec 2020 13:38
 Operator : SY/AP
 Sample : VL1223ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1223ABL01

Quant Time: Dec 24 05:24:11 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	5.64	49	1283980	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2382256	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2193247	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1904469	10.94	ppbv	-0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.40%

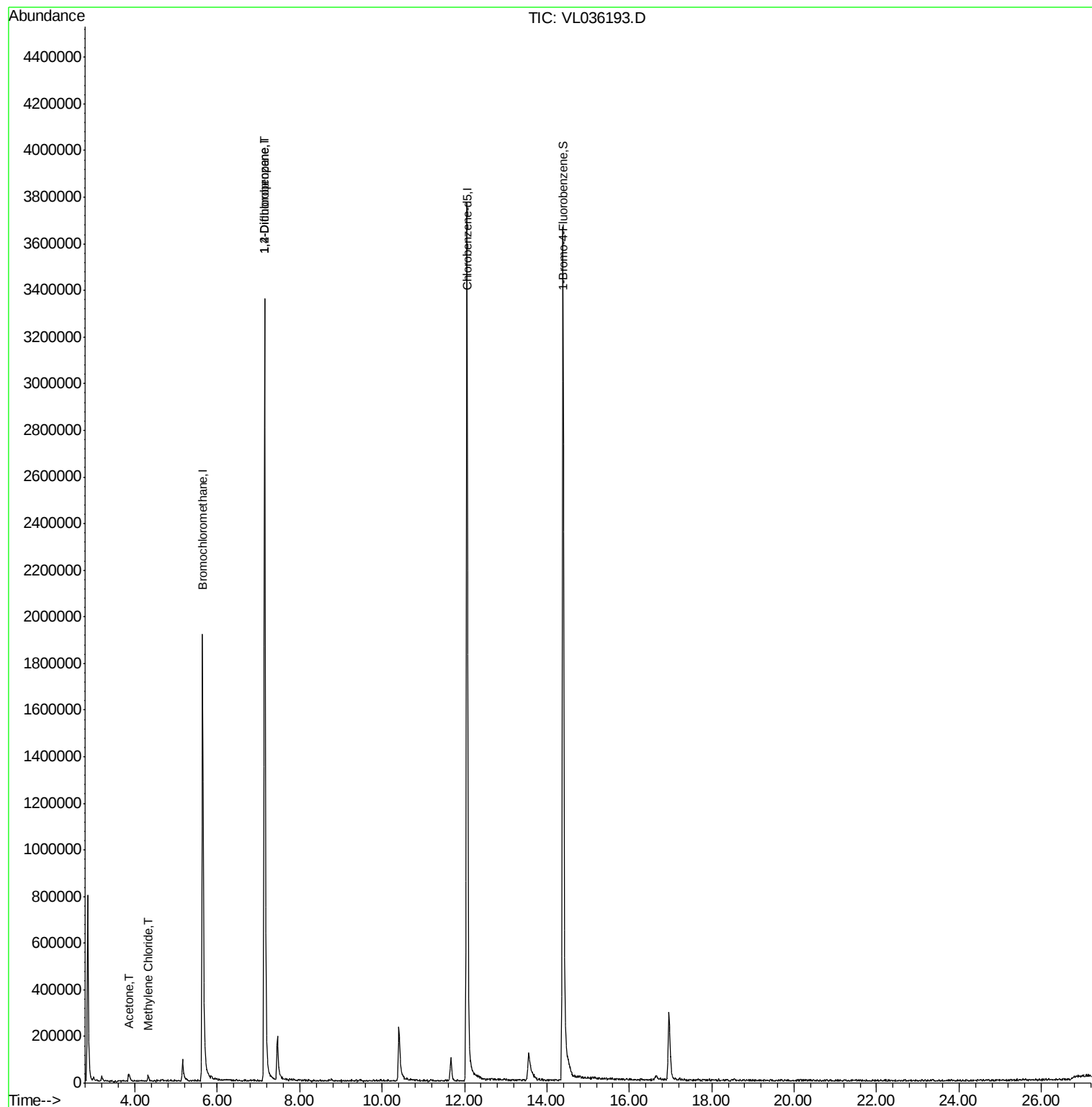
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	7919	0.051	ppbv #	49
20) Methylene Chloride	4.32	84	3730	0.059	ppbv #	42
39) 1,2-Dichloropropane	7.15	63	796318	9.988	ppbv #	25

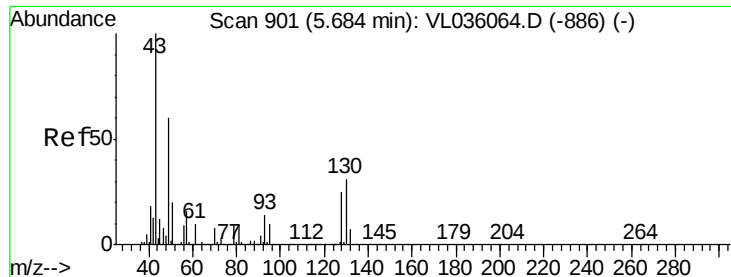
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.04 min

Lab File: VL036193.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1223ABL01

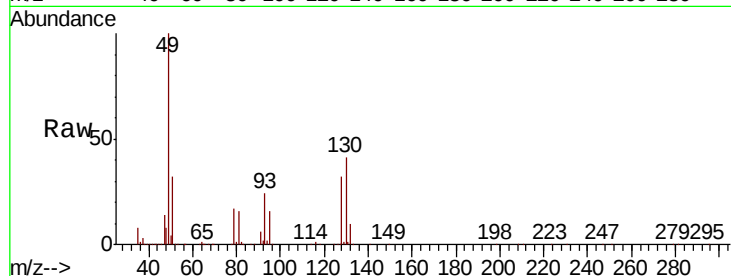
Tot Ion: 49 Resp: 1283980

Ion Ratio Lower Upper

49 100

128 34.2 21.1 63.1

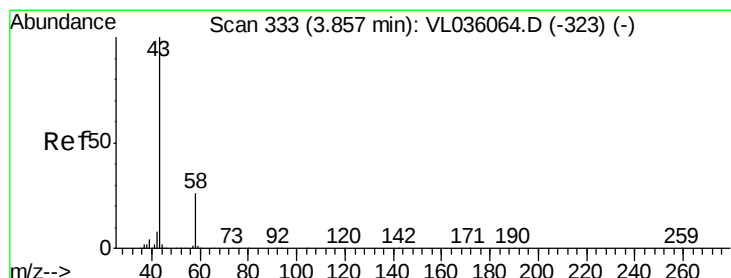
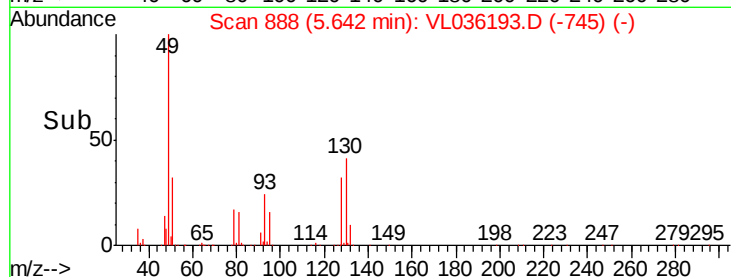
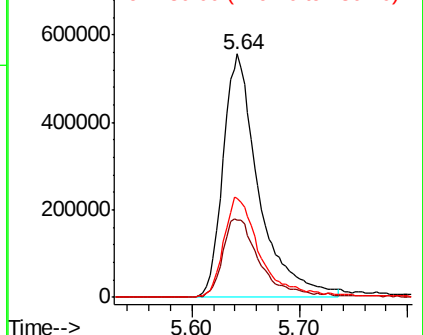
130 43.4 27.1 81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.051 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.02 min

Lab File: VL036193.D

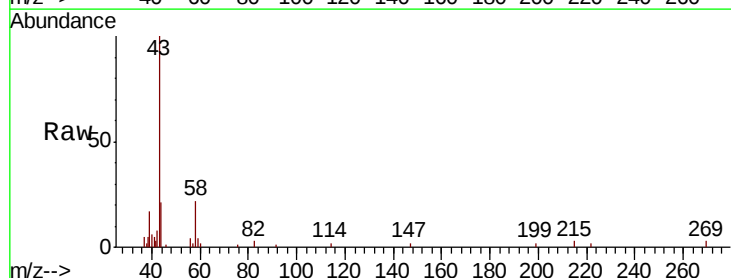
Acq: 23 Dec 2020 13:38

Tgt Ion: 43 Resp: 7919

Ion Ratio Lower Upper

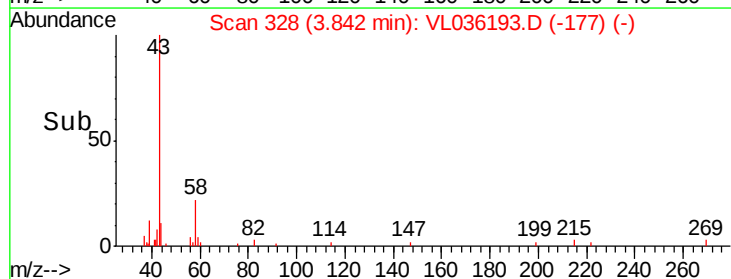
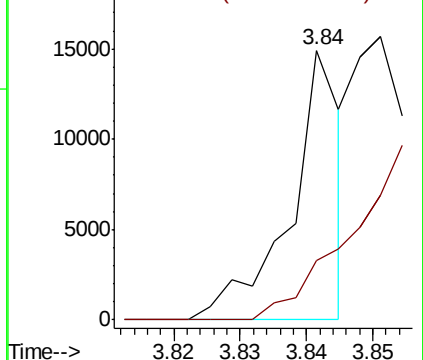
43 100

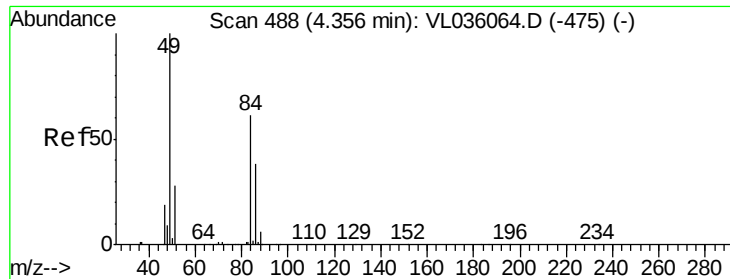
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

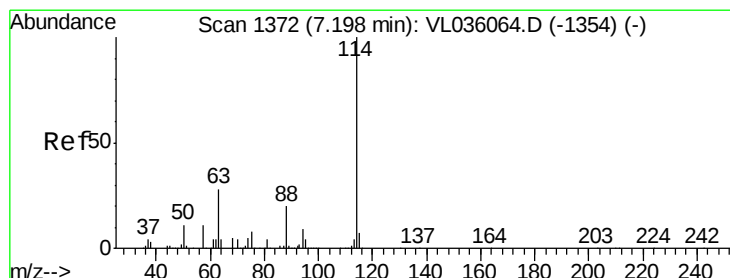
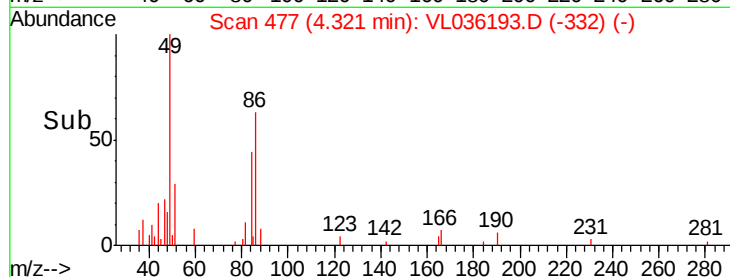
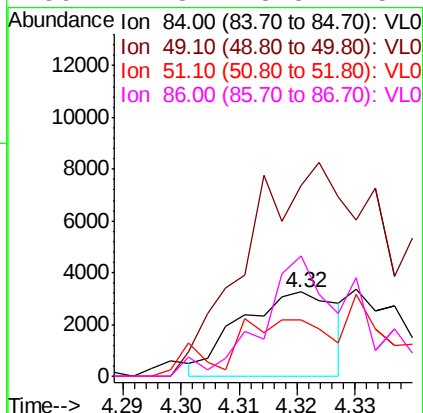
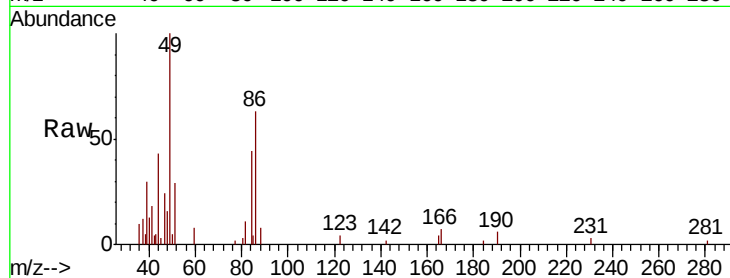




#20
Methylene Chloride
Concen: 0.059 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.04 min
Lab File: VL036193.D
Acq: 23 Dec 2020 13:38

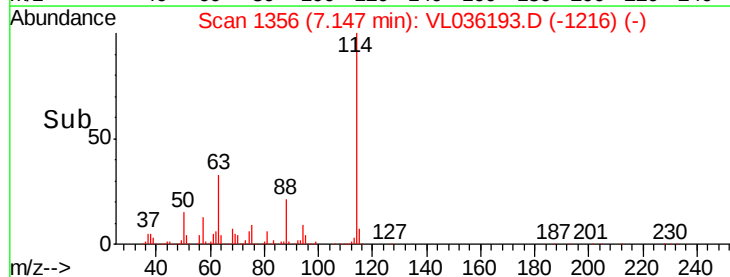
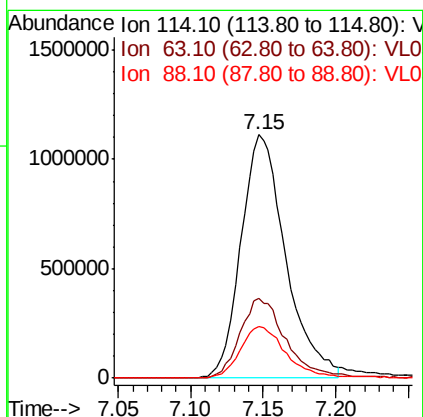
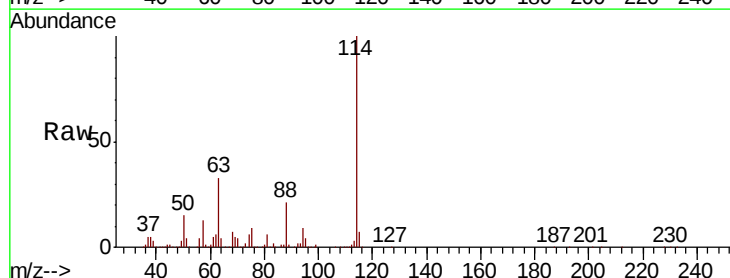
Instrument :
MSVOA_L
ClientSampleId :
VL1223ABL01

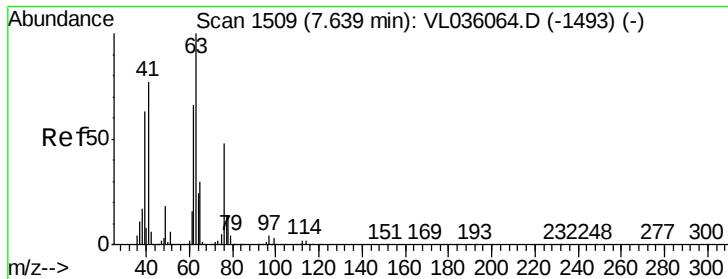
Tot Ion: 84 Resp: 3730
Ion Ratio Lower Upper
84 100
49 233.3 133.0 199.4#
51 32.6 38.9 58.3#
86 142.3 48.8 73.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.05 min
Lab File: VL036193.D
Acq: 23 Dec 2020 13:38

Tgt Ion: 114 Resp: 2382256
Ion Ratio Lower Upper
114 100
63 34.2 23.6 35.4
88 22.1 15.8 23.6





#39

1,2-Dichloropropane

Concen: 9.988 ppbv

RT: 7.15 min Scan# 1356

Delta R.T. -0.49 min

Lab File: VL036193.D

Acq: 23 Dec 2020 13:38

Instrument :

MSVOA_L

ClientSampleId :

VL1223ABL01

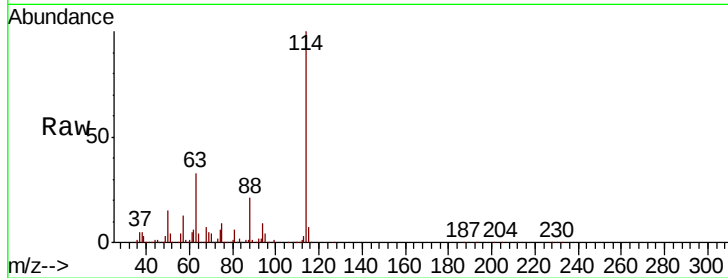
Tot Ion: 63 Resp: 796318

Ion Ratio Lower Upper

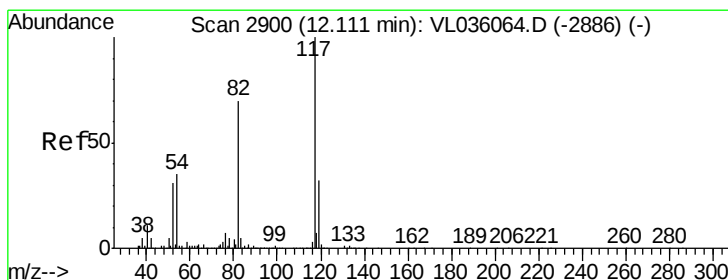
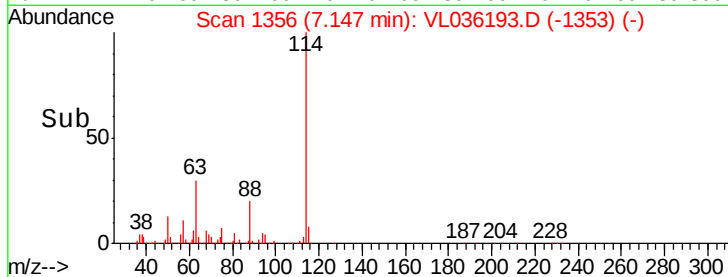
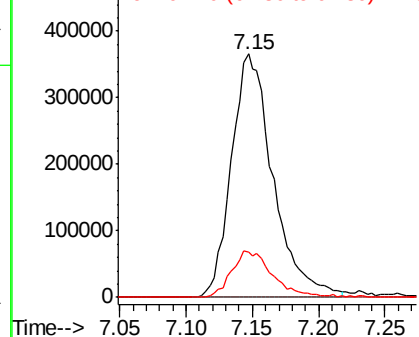
63 100

41 0.1 61.9 92.9#

62 18.7 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: 12.06 min Scan# 2884

Delta R.T. -0.05 min

Lab File: VL036193.D

Acq: 23 Dec 2020 13:38

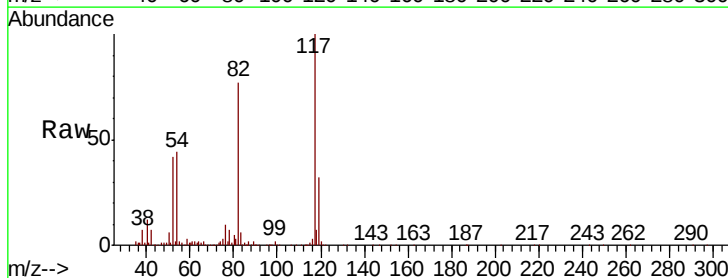
Tgt Ion: 117 Resp: 2193247

Ion Ratio Lower Upper

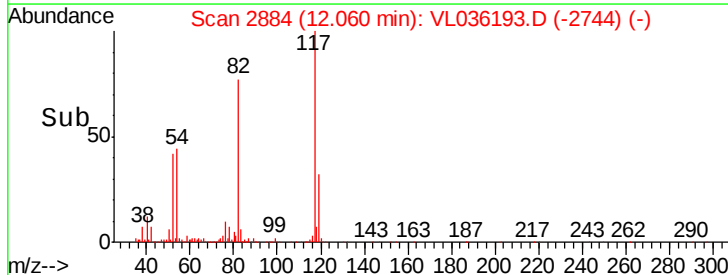
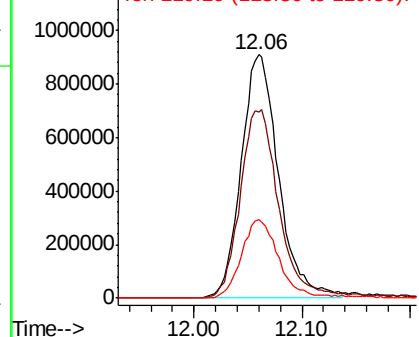
117 100

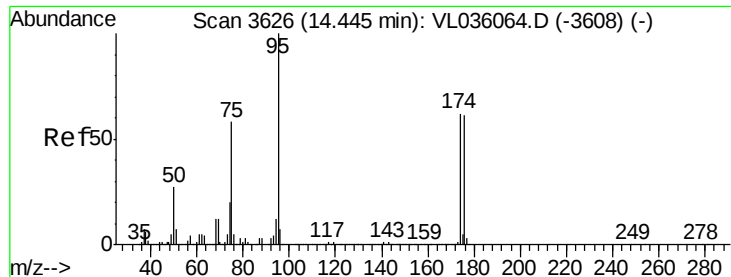
82 80.4 0.0 0.0#

119 32.9 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: 10.936 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.06 min

Lab File: VL036193.D

Acq: 23 Dec 2020 13:38

Instrument :

MSVOA_L

ClientSampleId :

VL1223ABL01

Tot Ion: 95 Resp: 1904469

Ion Ratio Lower Upper

95 100

174 53.9 50.7 76.1

175 4.0 4.0 6.0

