

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081220\
 Data File : VL035393.D
 Acq On : 13 Aug 2020 00:14
 Operator : SY/AP
 Sample : OC CAN 10333
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10333

Quant Time: Aug 13 04:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 12 20:32:44 2020
 QLast Update : Wed Aug 12 20:32:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1450917	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3275842	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3123366	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2707336	10.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

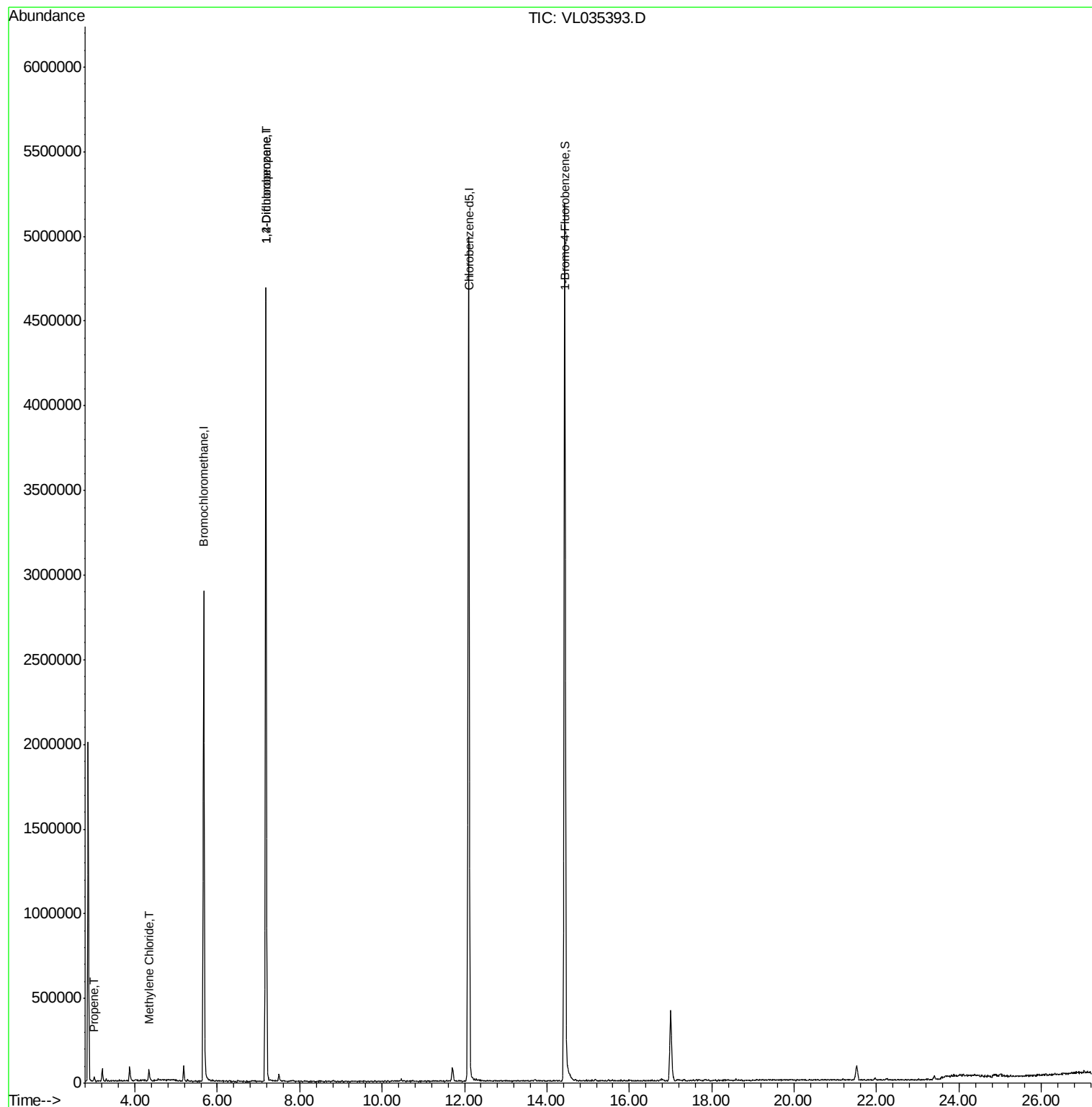
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	6290	0.072	ppbv #	71
20) Methylene Chloride	4.34	84	20252	0.293	ppbv #	85
39) 1,2-Dichloropropane	7.18	63	912284	7.334	ppbv #	26

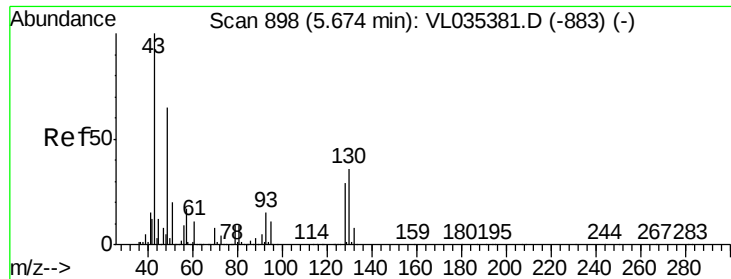
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL035393.D

Acq: 13 Aug 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10333

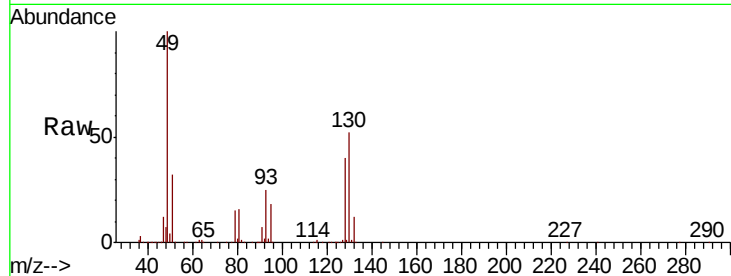
Tot Ion: 49 Resp: 1450917

Ion Ratio Lower Upper

49 100

128 42.5 21.8 65.3

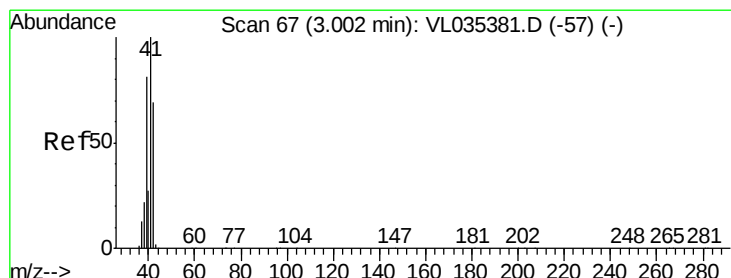
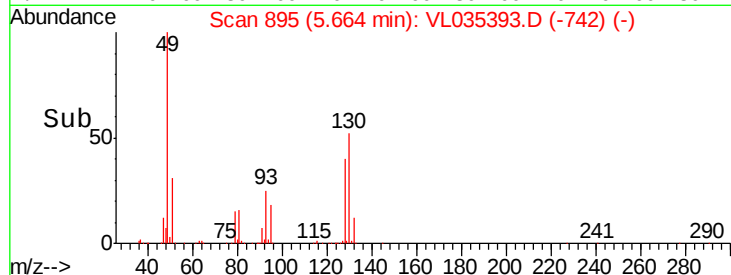
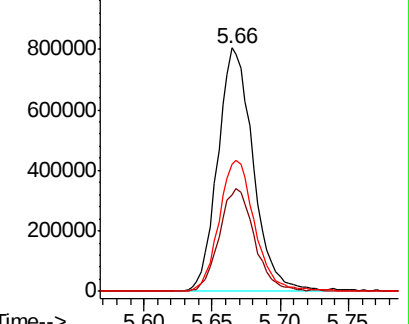
130 54.7 27.9 83.6



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



#9

Propene

Concen: 0.072 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL035393.D

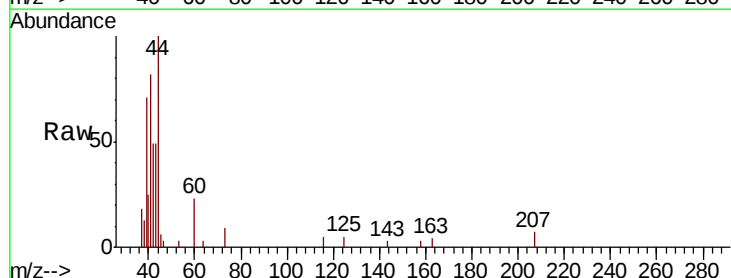
Acq: 13 Aug 2020 00:14

Tgt Ion: 41 Resp: 6290

Ion Ratio Lower Upper

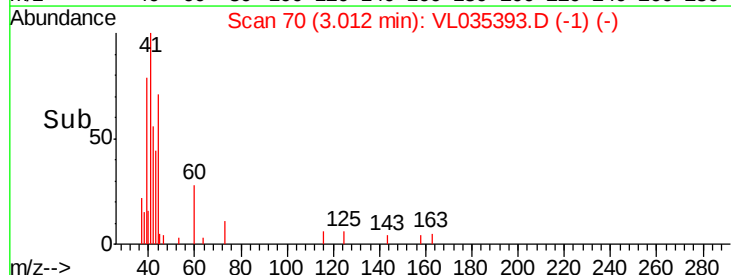
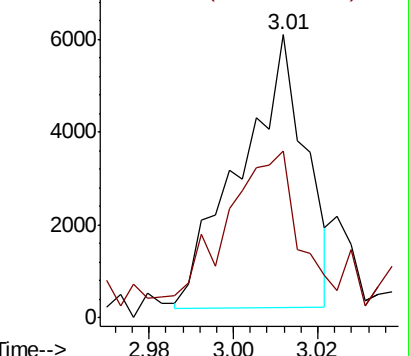
41 100

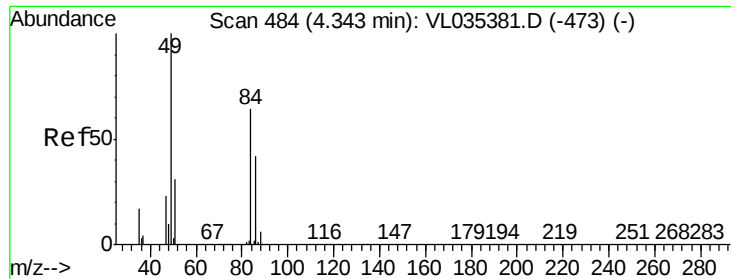
42 93.0 55.4 83.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

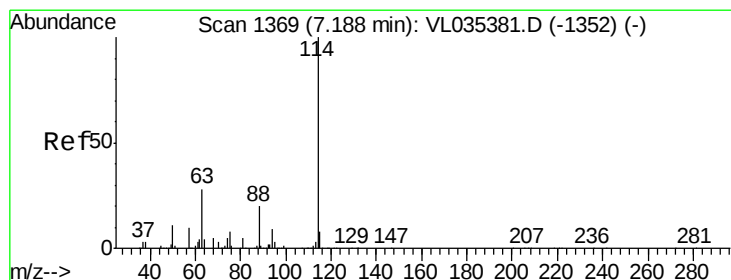
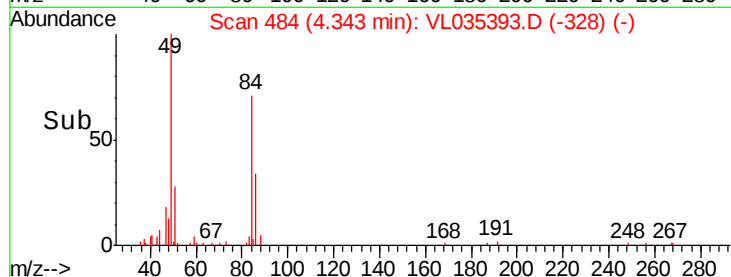
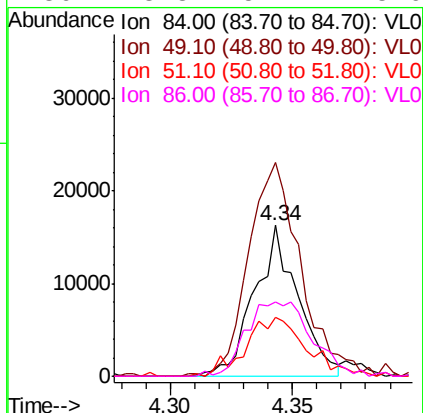
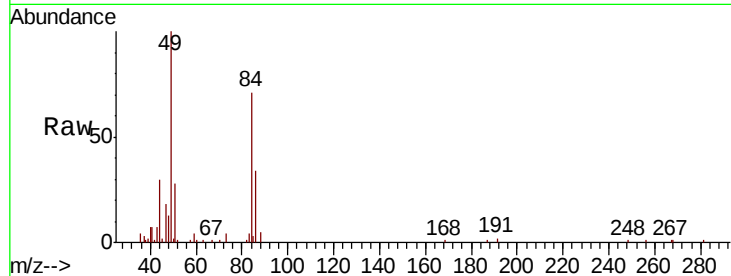




#20
Methylene Chloride
Concen: 0.293 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL035393.D
Acq: 13 Aug 2020 00:14

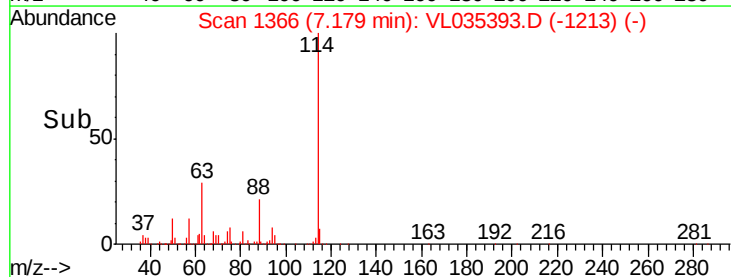
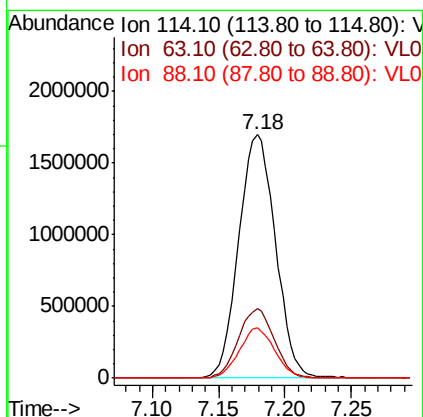
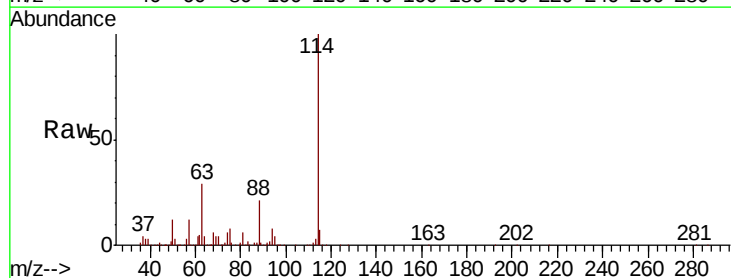
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10333

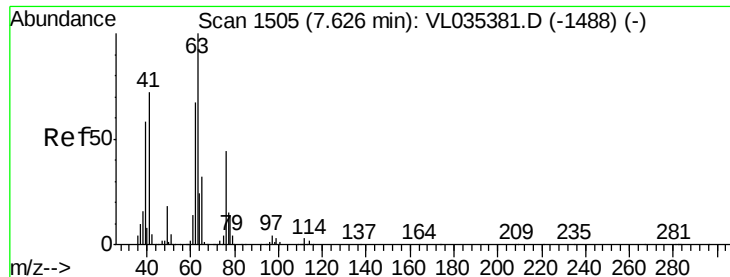
Tot Ion:	84	Resp:	20252
Ion	Ratio	Lower	Upper
84	100		
49	139.7	125.7	188.5
51	40.4	38.5	57.7
86	48.8	52.4	78.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035393.D
Acq: 13 Aug 2020 00:14

Tgt Ion:	114	Resp:	3275842
Ion	Ratio	Lower	Upper
114	100		
63	28.0	21.5	32.3
88	19.9	15.6	23.4





#39

1,2-Dichloropropane

Concen: 7.334 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.45 min

Lab File: VL035393.D

Acq: 13 Aug 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10333

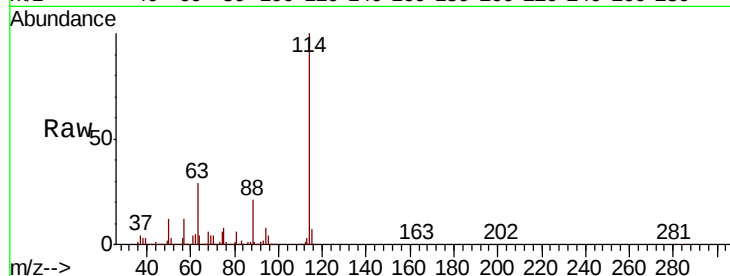
Tot Ion: 63 Resp: 912284

Ion Ratio Lower Upper

63 100

41 0.0 57.4 86.2#

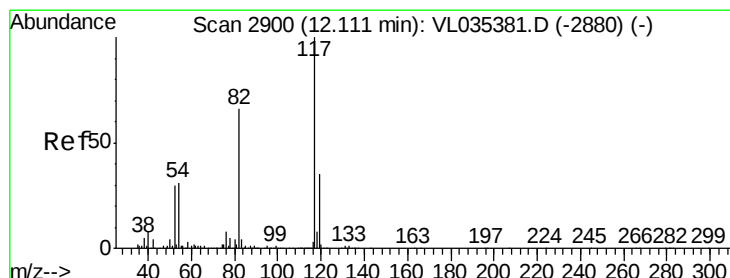
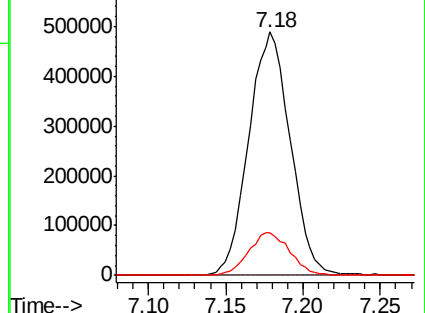
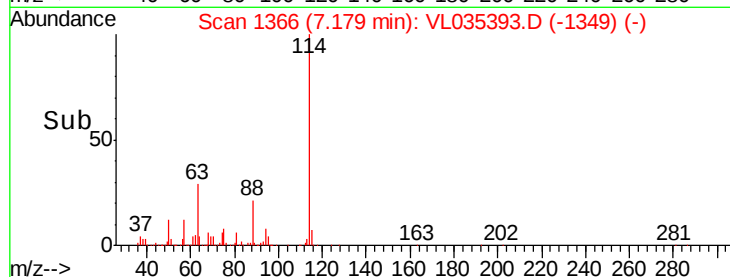
62 17.5 53.6 80.4#



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# 2896

Delta R.T. -0.01 min

Lab File: VL035393.D

Acq: 13 Aug 2020 00:14

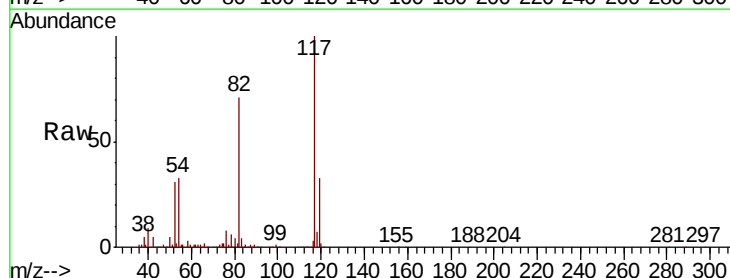
Tgt Ion: 117 Resp: 3123366

Ion Ratio Lower Upper

117 100

82 70.5 53.0 79.6

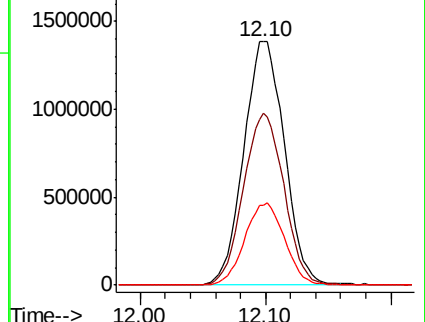
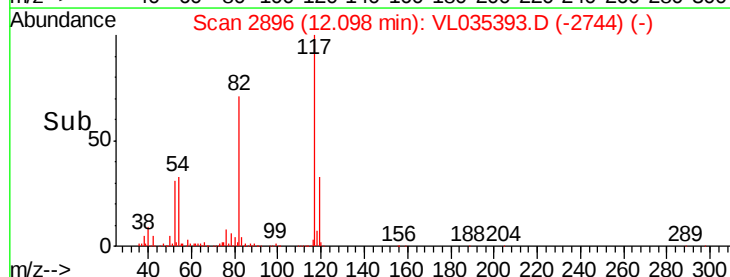
119 33.0 25.7 38.5

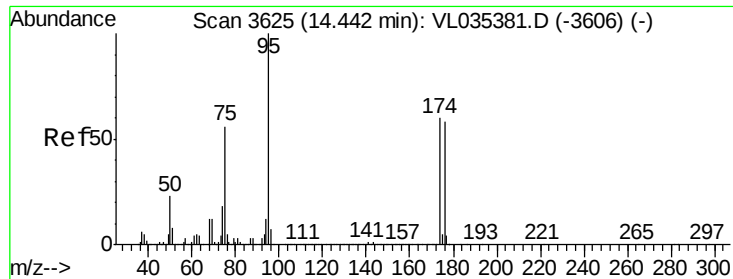


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.735 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL035393.D

Acq: 13 Aug 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10333

Tot Ion: 95 Resp: 2707336

Ion Ratio Lower Upper

95 100

174 57.5 48.2 72.2

175 4.3 3.7 5.5

