

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081220\
 Data File : VL035394.D
 Acq On : 13 Aug 2020 00:56
 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 04:32:26 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	5.67	49	1460188	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3322302	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3146621	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2741347	10.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.90%

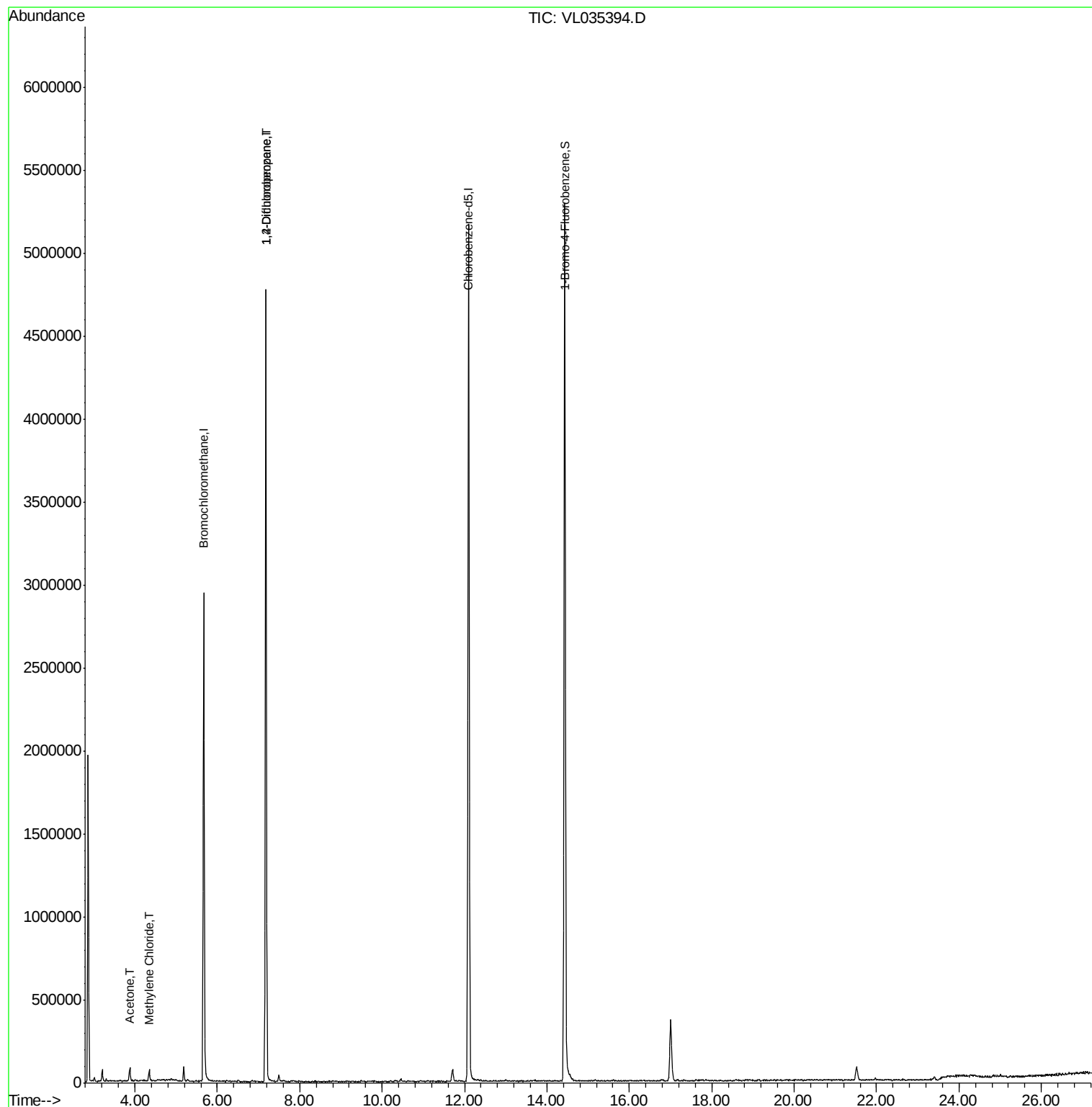
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	62933	0.342	ppbv #	30
20) Methylene Chloride	4.34	84	19112	0.275	ppbv	85
39) 1,2-Dichloropropane	7.18	63	914082	7.246	ppbv #	25

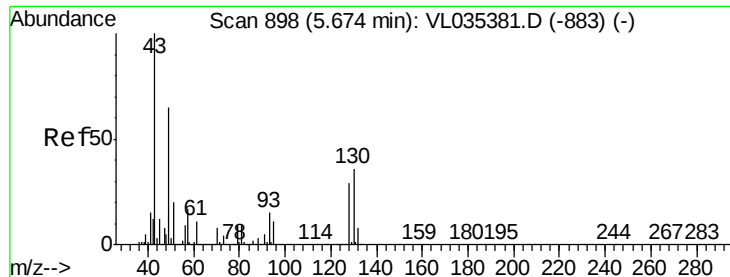
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL035394.D

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MSVOA_L

ClientSampleId :

QC CAN 10333

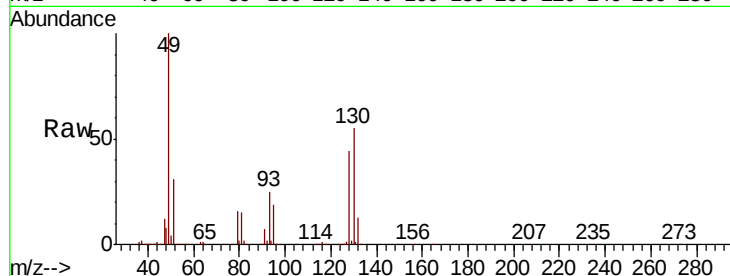
Tot Ion: 49 Resp: 1460188

Ion Ratio Lower Upper

49 100

128 42.8 21.8 65.3

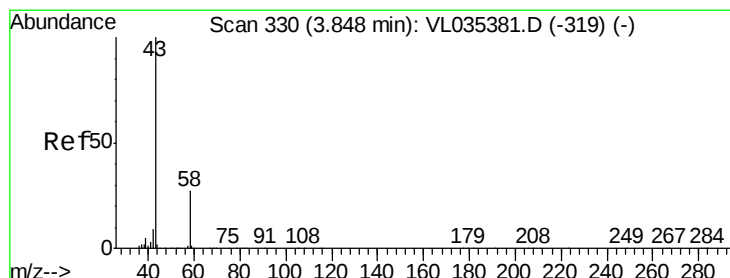
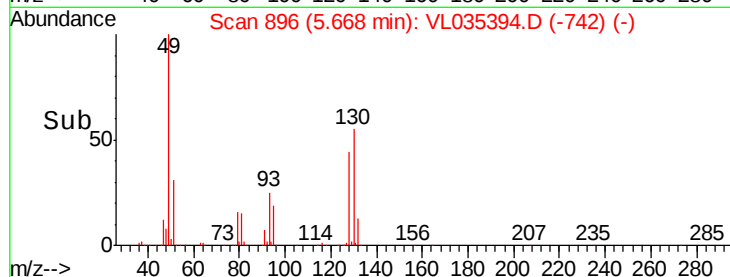
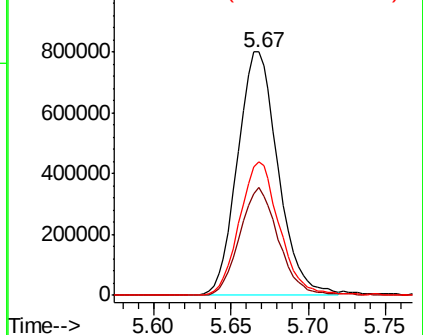
130 54.7 27.9 83.6



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



#15

Acetone

Concen: 0.342 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL035394.D

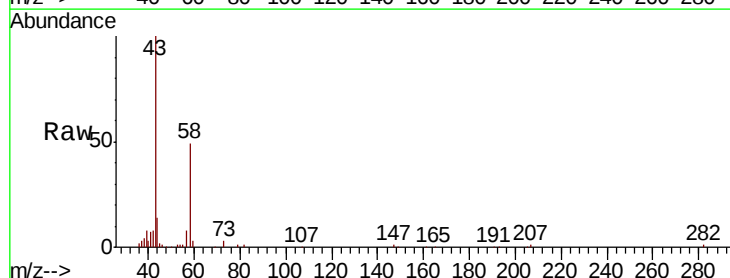
Acq: 13 Aug 2020 00:56

Tgt Ion: 43 Resp: 62933

Ion Ratio Lower Upper

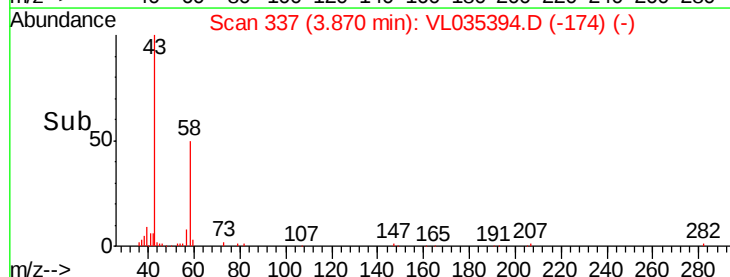
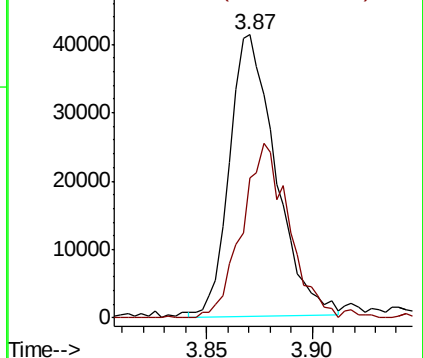
43 100

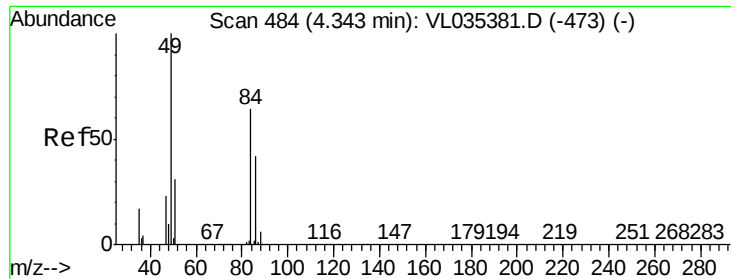
58 63.3 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

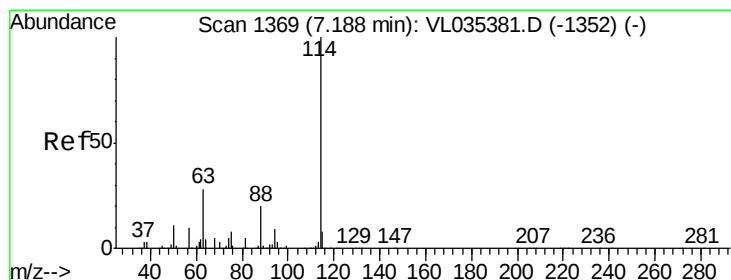
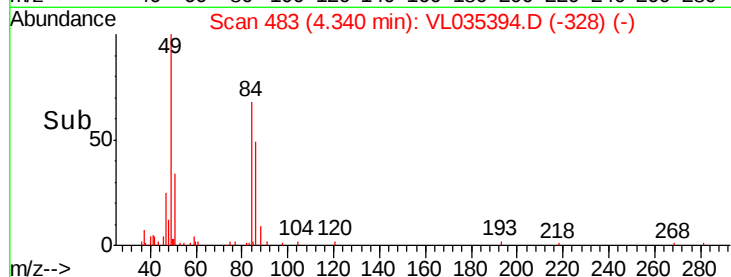
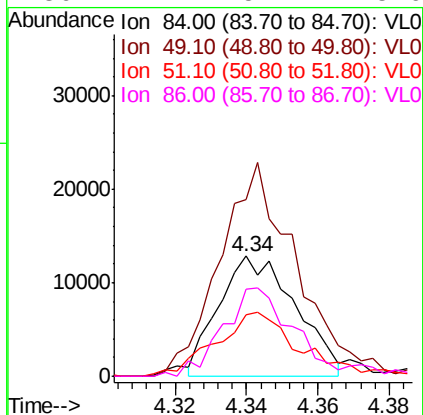
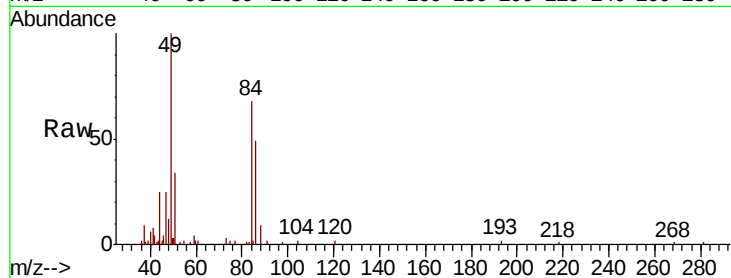




#20
Methylene Chloride
Concen: 0.275 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035394.D
Acq: 13 Aug 2020 00:56

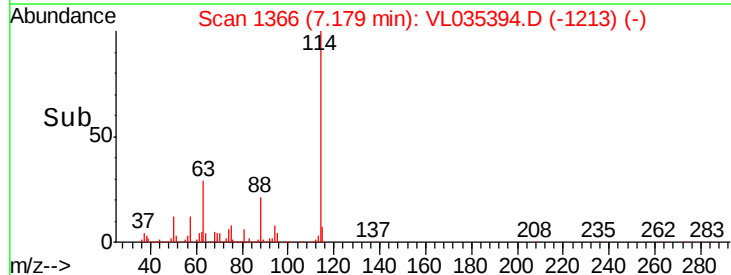
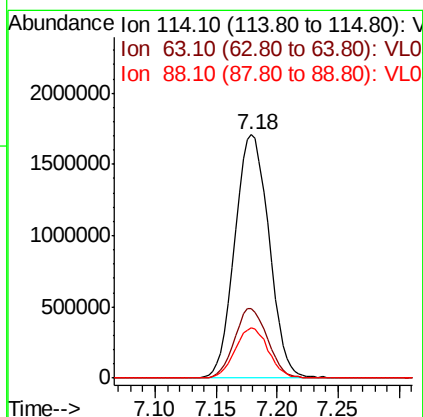
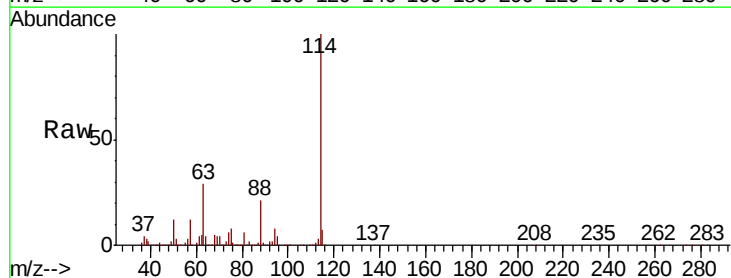
Instrument :
MSVOA_L
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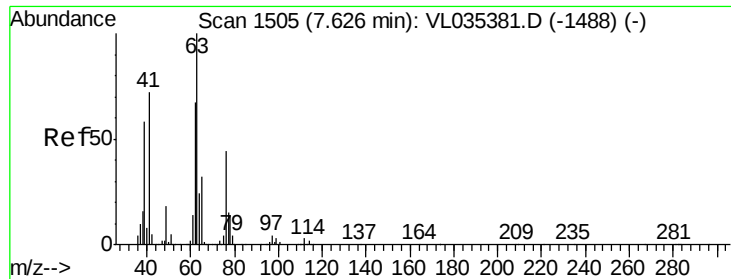
Tot Ion:	84	Resp:	19112
Ion	Ratio	Lower	Upper
84	100		
49	132.7	125.7	188.5
51	41.7	38.5	57.7
86	72.7	52.4	78.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035394.D
Acq: 13 Aug 2020 00:56

Tgt Ion:	114	Resp:	3322302
Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.5	32.3
88	20.0	15.6	23.4





#39

1,2-Dichloropropane

Concen: 7.246 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.45 min

Lab File: VL035394.D

Acq: 13 Aug 2020 00:56

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10333

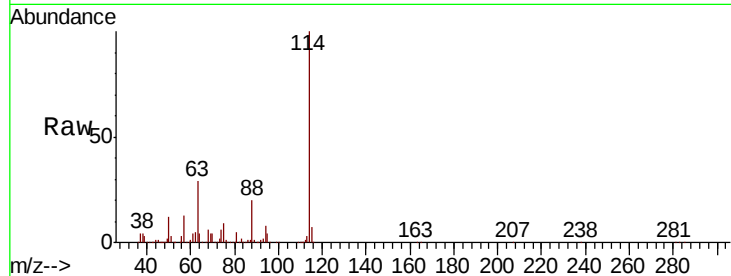
Tot Ion: 63 Resp: 914082

Ion Ratio Lower Upper

63 100

41 0.2 57.4 86.2#

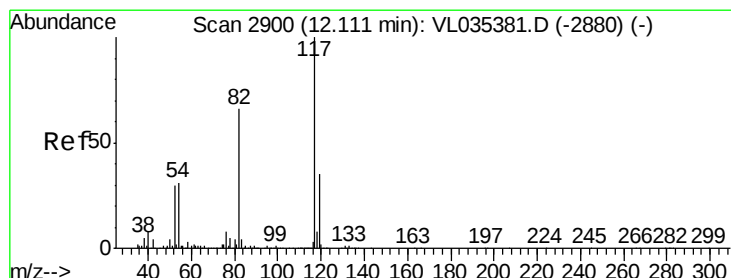
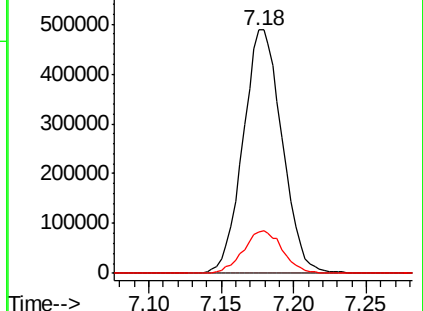
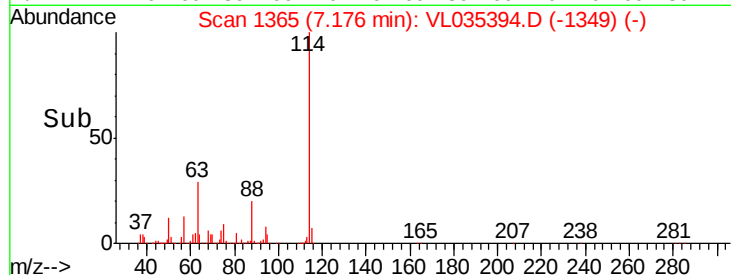
62 16.9 53.6 80.4#



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: VL035394.D

Acq: 13 Aug 2020 00:56

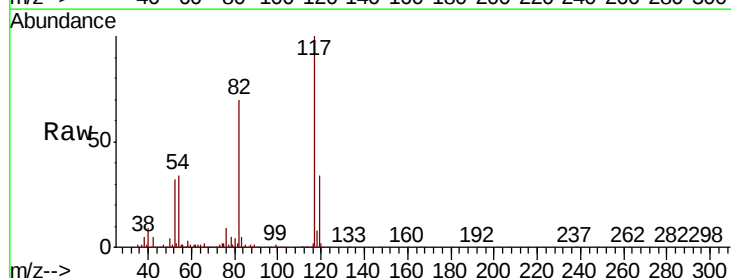
Tgt Ion: 117 Resp: 3146621

Ion Ratio Lower Upper

117 100

82 72.0 53.0 79.6

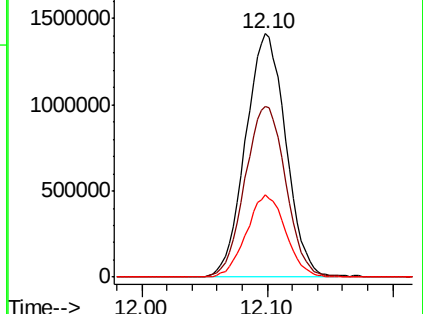
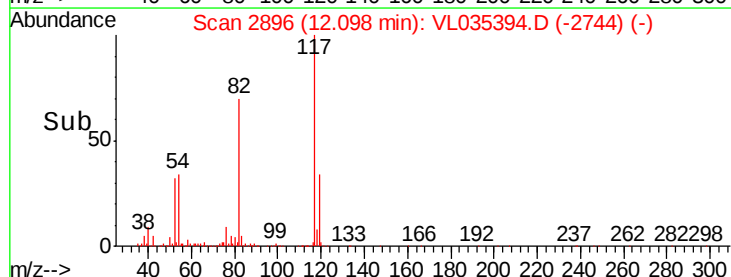
119 33.2 25.7 38.5

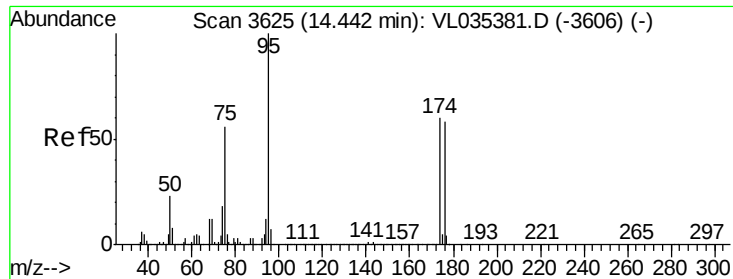


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.790 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL035394.D

Acq: 13 Aug 2020 00:56

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MSVOA_L

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QC CAN 10333

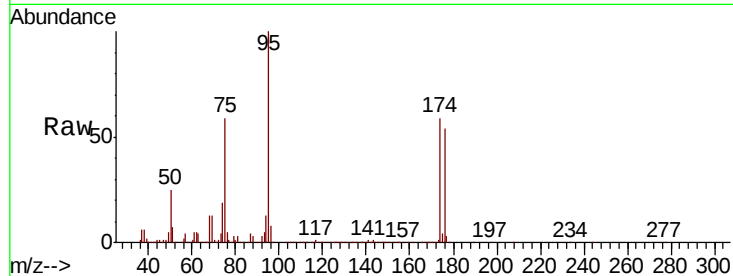
Tot Ion: 95 Resp: 2741347

Ion Ratio Lower Upper

95 100

174 56.2 48.2 72.2

175 4.2 3.7 5.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

