

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081720\
 Data File : VL035439.D
 Acq On : 18 Aug 2020 10:44
 Operator : SY/AP
 Sample : QC081720 CAN 10315
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081720 CAN 10315

Quant Time: Aug 19 01:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1120800	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4857101	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4912382	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3495462	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

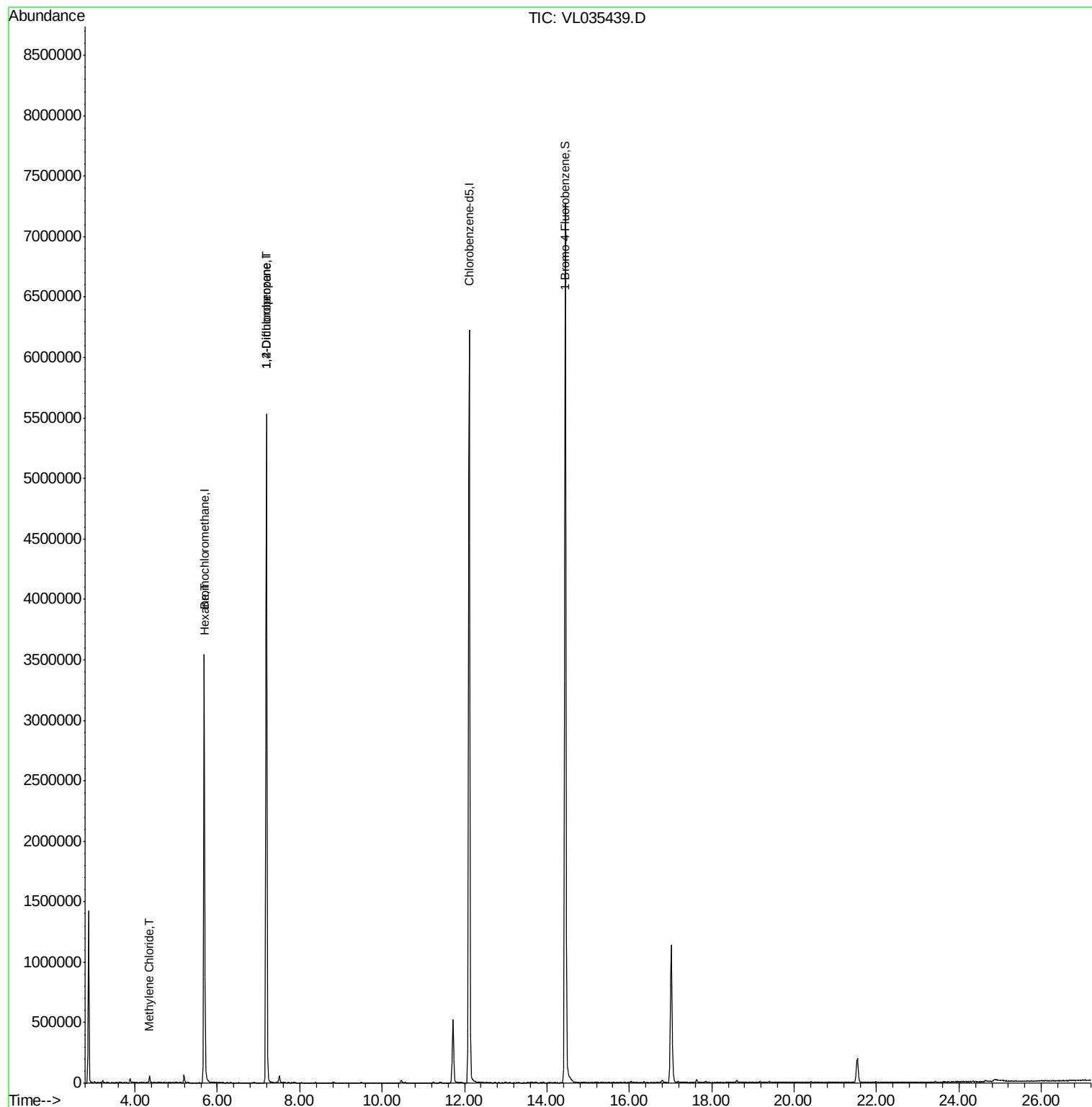
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	25808	0.248	ppbv #	67
26) Hexane	5.69	57	5246	0.037	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	862033	7.337	ppbv #	22

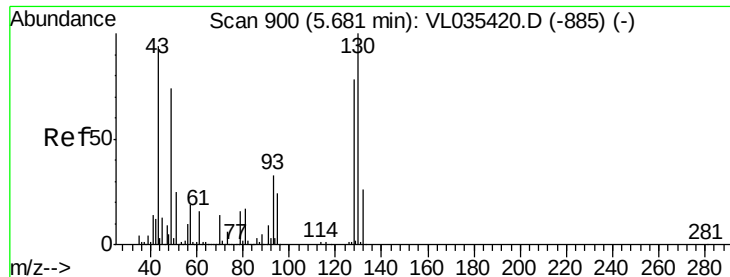
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

Lab File: VL035439.D

Acq: 18 Aug 2020 10:44

Instrument :

MSVOA_L

ClientSampleId :

QC081720 CAN 10315

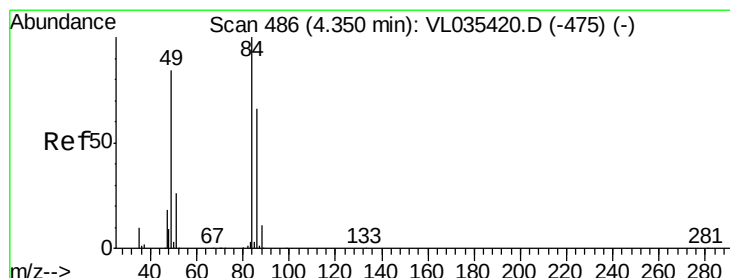
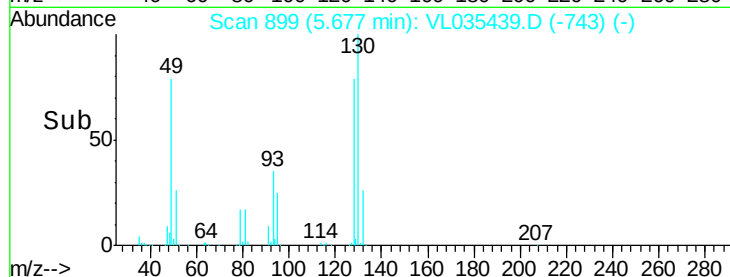
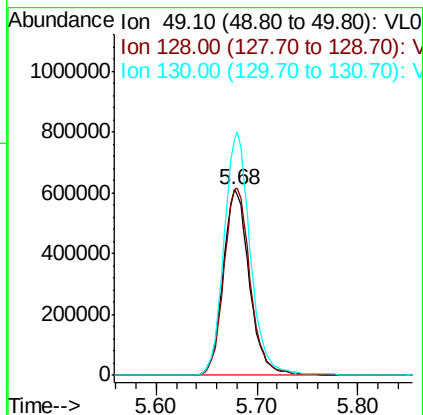
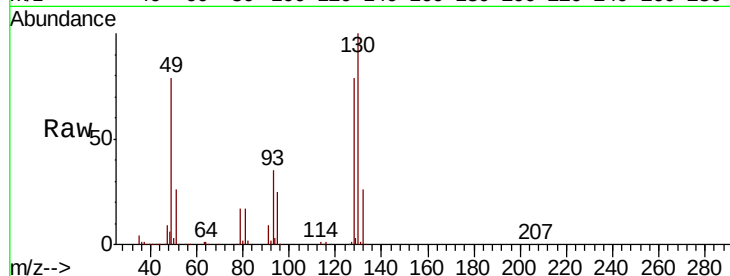
Tot Ion: 49 Resp: 1120800

Ion Ratio Lower Upper

49 100

128 101.8 20.9 62.7#

130 130.9 26.7 80.1#



#20

Methylene Chloride

Concen: 0.248 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL035439.D

Acq: 18 Aug 2020 10:44

Tgt Ion: 84 Resp: 25808

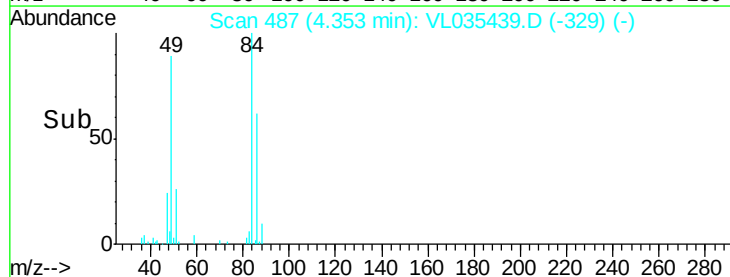
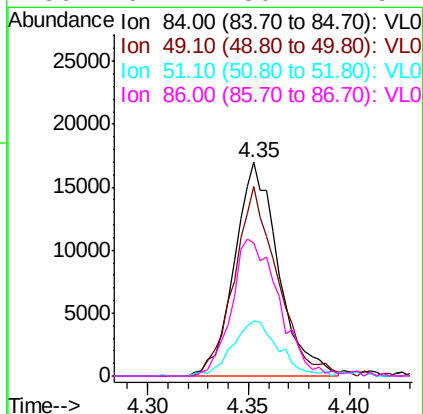
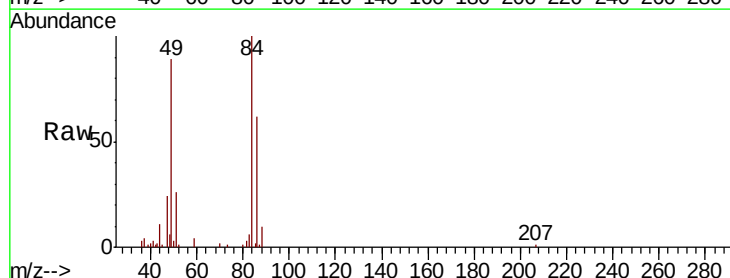
Ion Ratio Lower Upper

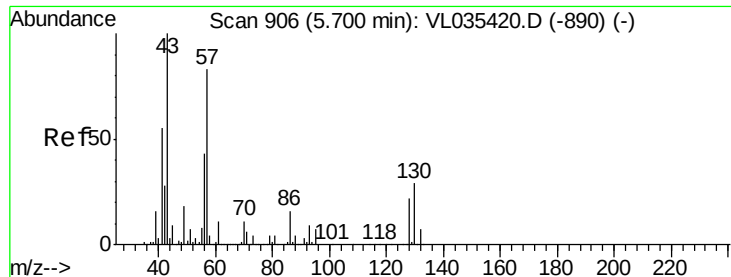
84 100

49 88.9 118.6 177.8#

51 25.8 36.4 54.6#

86 62.2 50.2 75.4

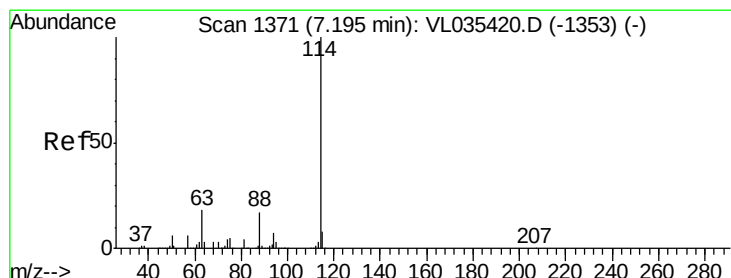
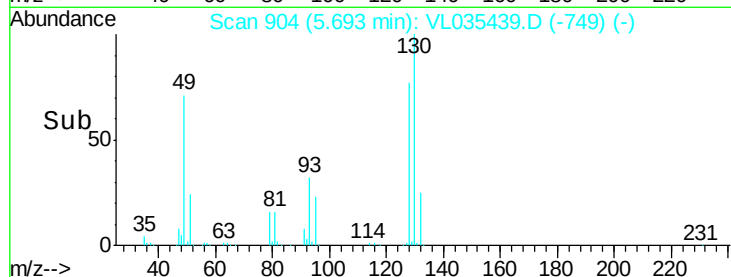
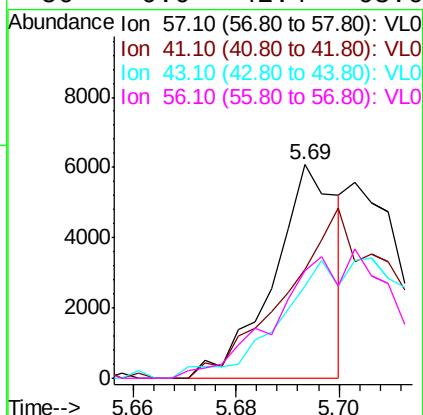
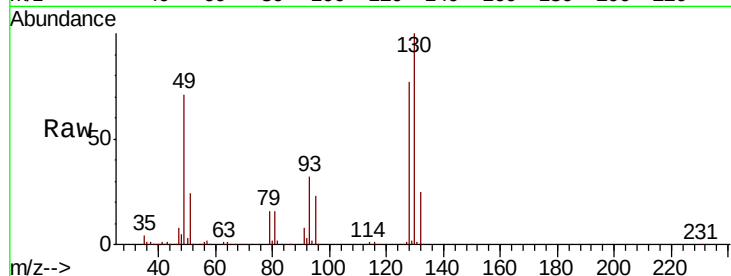




#26
Hexane
Concen: 0.037 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL035439.D
Acq: 18 Aug 2020 10:44

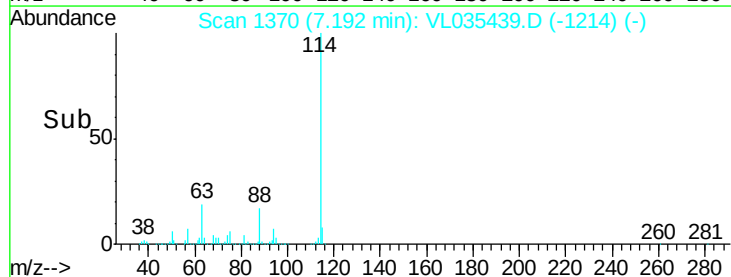
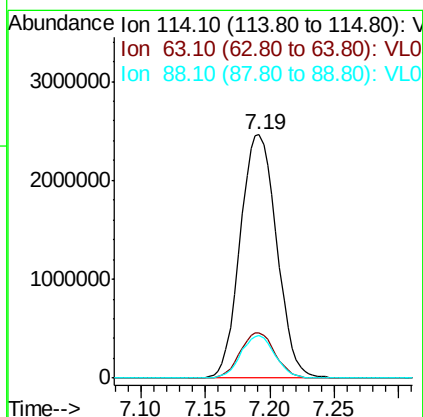
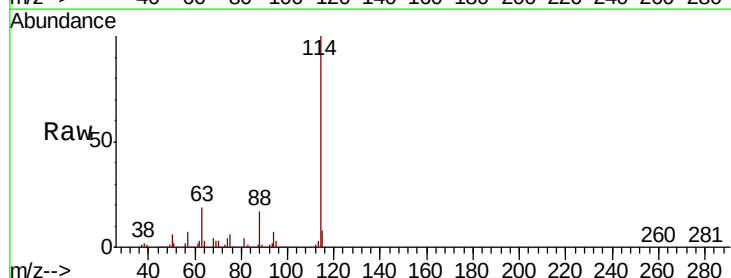
Instrument :
MSVOA_L
ClientSampleId :
QC081720 CAN 10315

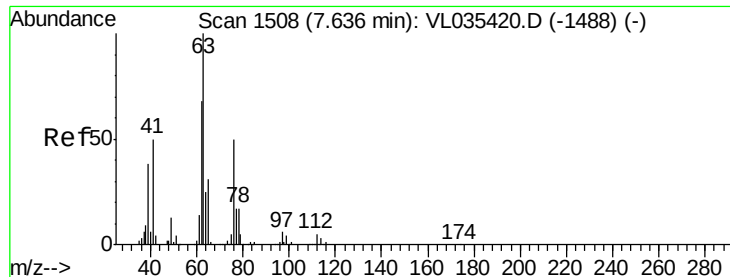
Tot Ion: 57 Resp: 5246
Ion Ratio Lower Upper
57 100
41 0.0 75.5 113.3#
43 0.0 181.7 272.5#
56 0.0 42.4 63.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VL035439.D
Acq: 18 Aug 2020 10:44

Tgt Ion: 114 Resp: 4857101
Ion Ratio Lower Upper
114 100
63 17.8 23.1 34.7#
88 16.4 15.9 23.9





#39

1,2-Dichloropropane

Concen: 7.337 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.43 min

Lab File: VL035439.D

Acq: 18 Aug 2020 10:44

Instrument :

MSVOA_L

ClientSampleId :

QC081720 CAN 10315

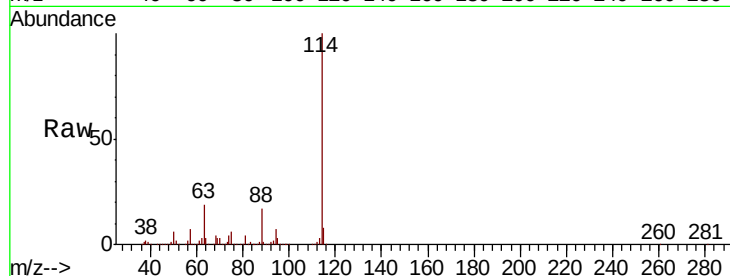
Tot Ion: 63 Resp: 862033

Ion Ratio Lower Upper

63 100

41 0.0 61.1 91.7#

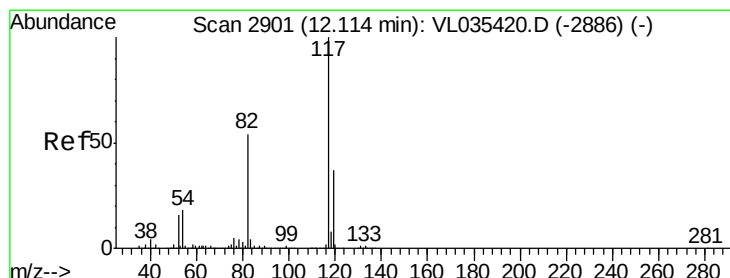
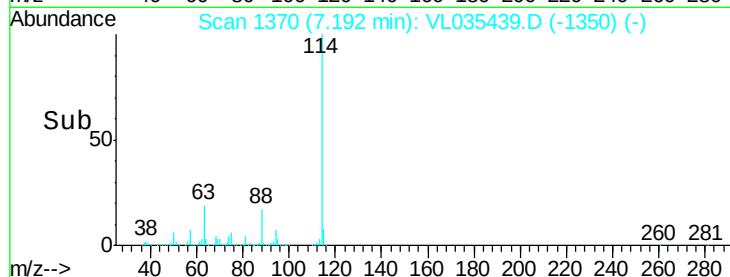
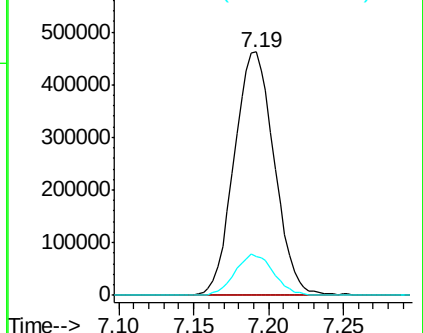
62 15.7 55.3 82.9#



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: VL035439.D

Acq: 18 Aug 2020 10:44

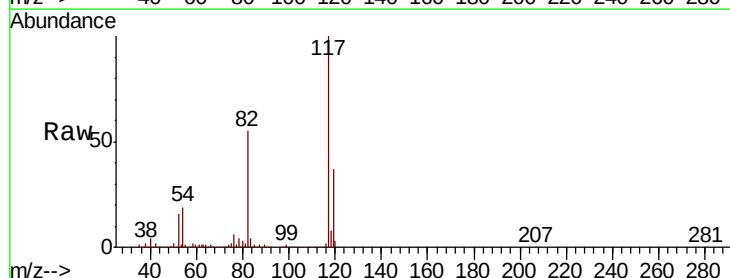
Tgt Ion: 117 Resp: 4912382

Ion Ratio Lower Upper

117 100

82 53.0 57.4 86.0#

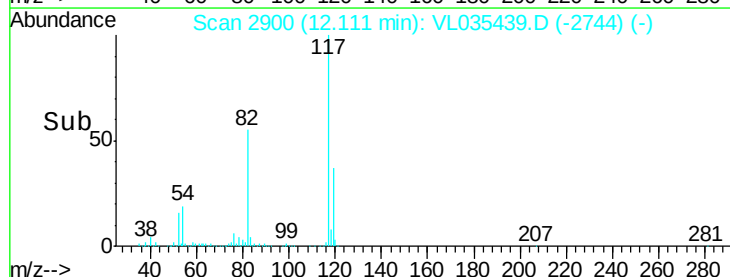
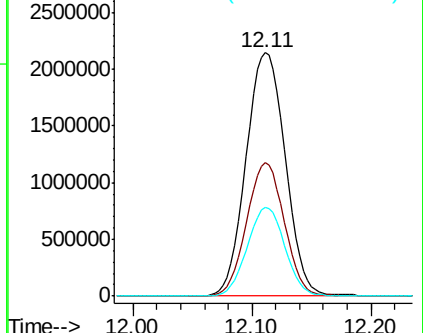
119 35.2 28.4 42.6

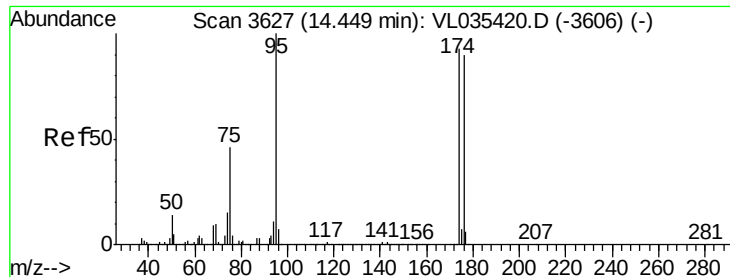


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.164 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.01 min

Lab File: VL035439.D

Acq: 18 Aug 2020 10:44

Instrument :

MSVOA_L

ClientSampleId :

QC081720 CAN 10315

Tot Ion: 95 Resp: 3495462

Ion Ratio Lower Upper

95 100

174 96.6 44.0 66.0#

175 7.0 3.2 4.8#

