

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035036.D
 Acq On : 15 May 2020 2:03
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 15 05:37:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1161547	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2638361	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.11	117	2453910	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2047420	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

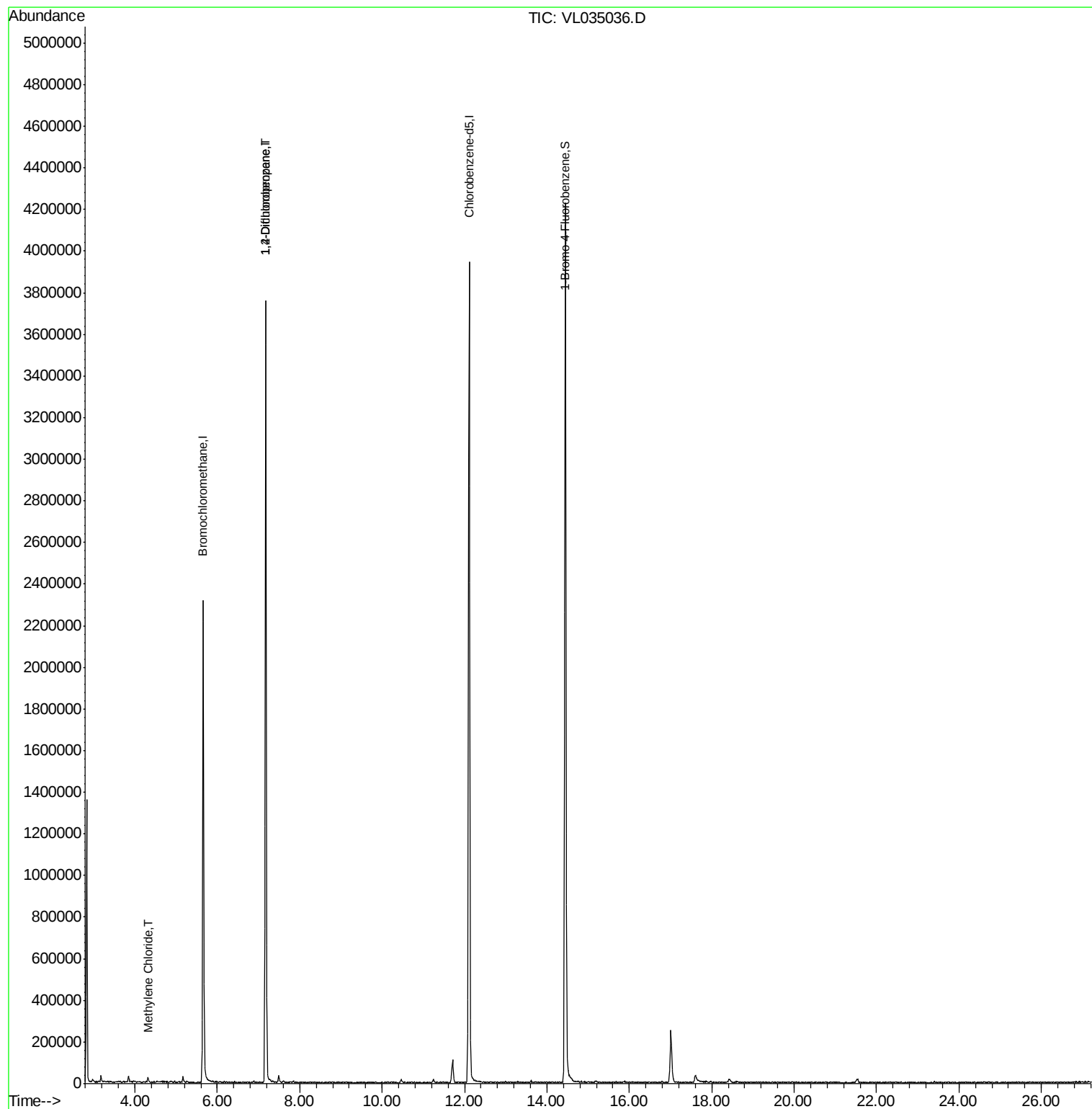
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.32	84	4066	0.080	ppbv #	76
39) 1,2-Dichloropropane	7.18	63	709815	8.140	ppbv #	25

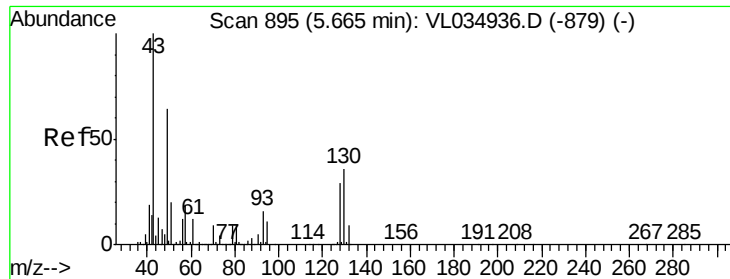
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051420\
Data File : VL035036.D
Acq On : 15 May 2020 2:03
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 15 05:37:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL035036.D

Acq: 15 May 2020 2:03

Instrument :

MSVOA_L

ClientSampleId :

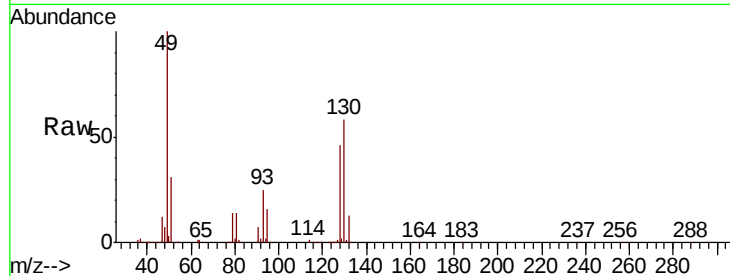
Tot Ion: 49 Resp: 1161547

Ion Ratio Lower Upper

49 100

128 44.4 22.1 66.5

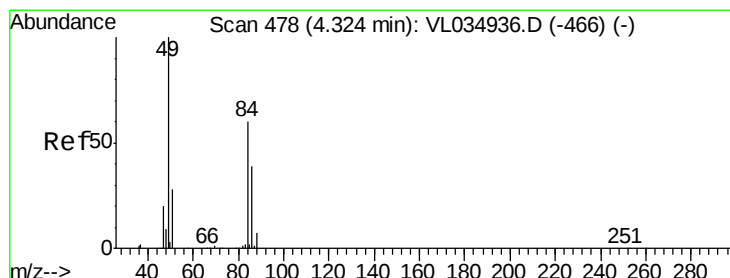
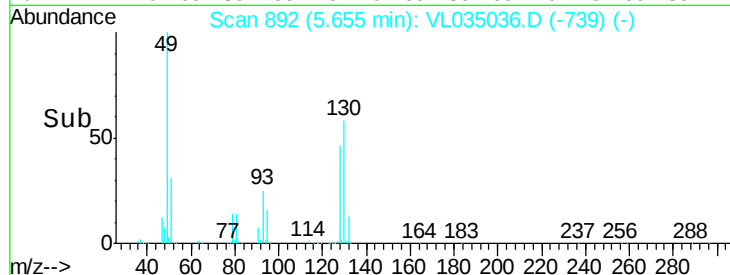
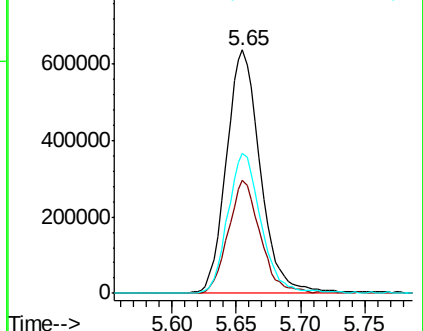
130 57.7 29.1 87.3



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



#20

Methylene Chloride

Concen: 0.080 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.01 min

Lab File: VL035036.D

Acq: 15 May 2020 2:03

Tgt Ion: 84 Resp: 4066

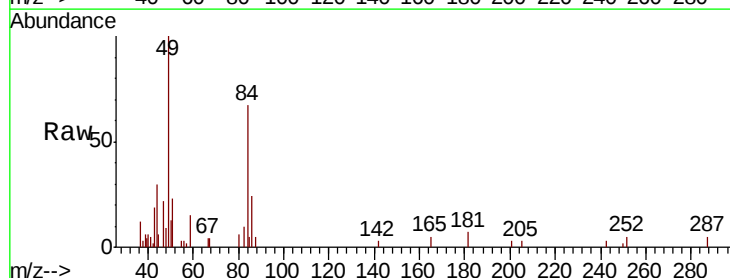
Ion Ratio Lower Upper

84 100

49 145.0 132.5 198.7

51 21.1 38.4 57.6#

86 36.6 51.2 76.8#

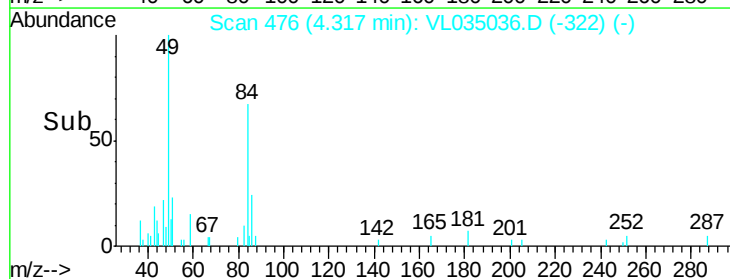
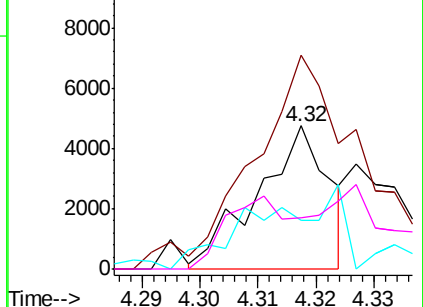


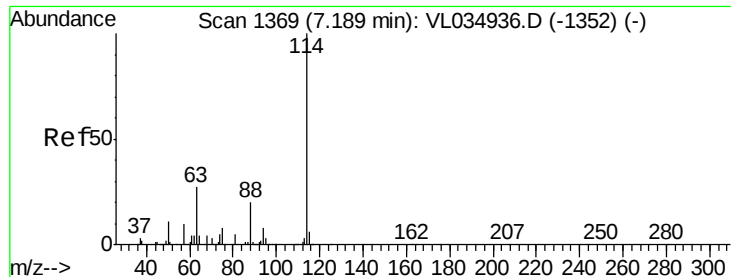
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

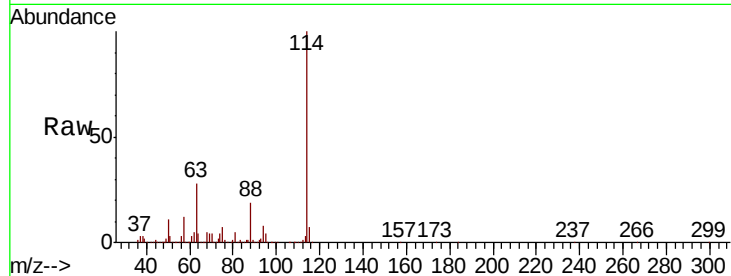




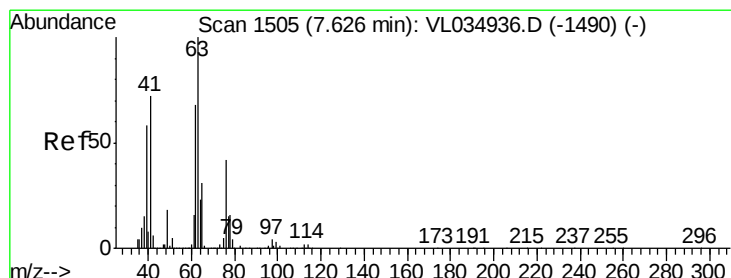
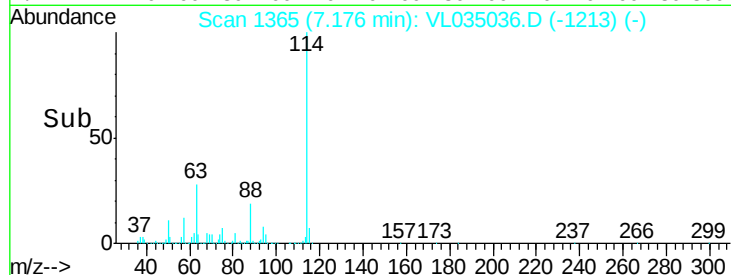
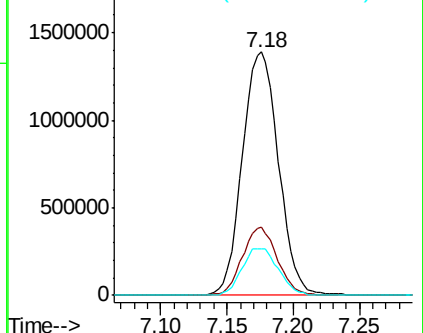
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL035036.D
 Acq: 15 May 2020 2:03

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 2638361
 Ion Ratio Lower Upper
 114 100
 63 27.1 22.2 33.4
 88 19.5 15.5 23.3

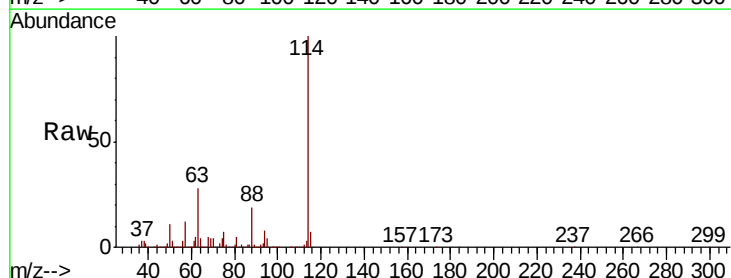


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

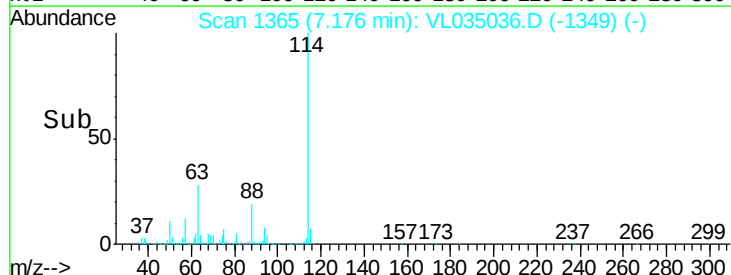
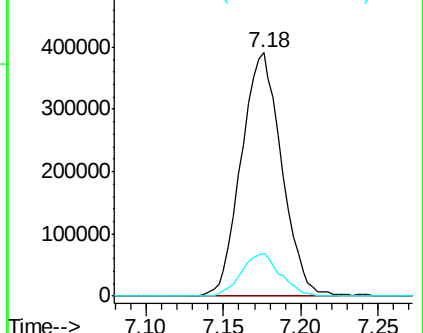


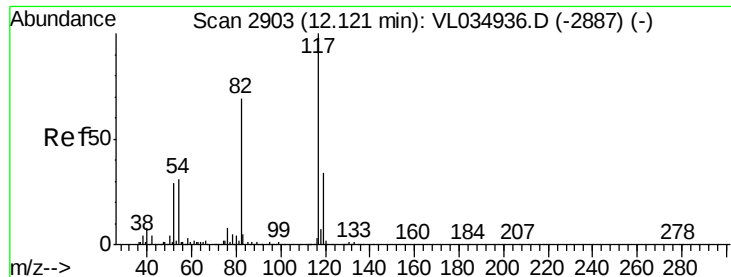
#39
 1,2-Dichloropropane
 Concen: 8.140 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL035036.D
 Acq: 15 May 2020 2:03

Tgt Ion: 63 Resp: 709815
 Ion Ratio Lower Upper
 63 100
 41 0.0 57.8 86.8#
 62 17.6 54.2 81.2#



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

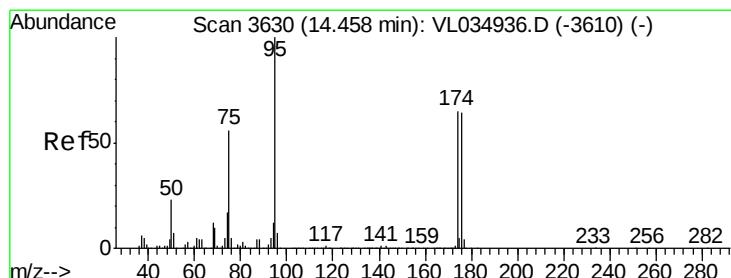
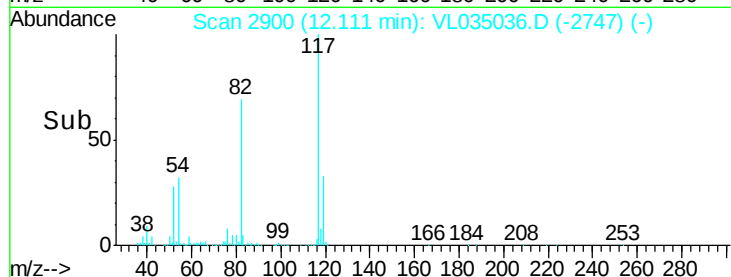
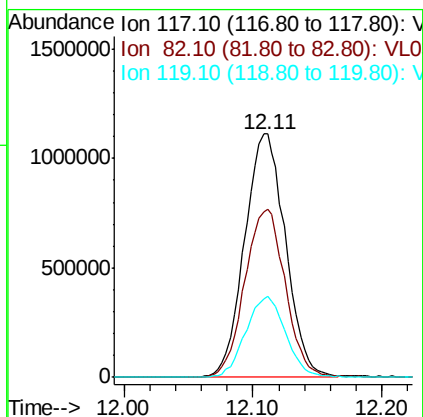
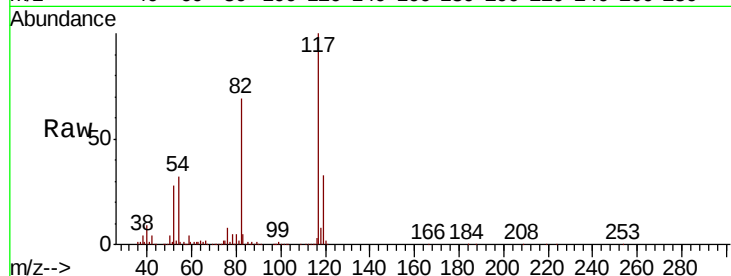




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL035036.D
Acq: 15 May 2020 2:03

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 2453910
Ion Ratio Lower Upper
117 100
82 69.1 53.1 79.7
119 32.7 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.308 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.01 min
Lab File: VL035036.D
Acq: 15 May 2020 2:03

Tgt Ion: 95 Resp: 2047420
Ion Ratio Lower Upper
95 100
174 66.1 51.5 77.3
175 5.0 3.8 5.8

