

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020419\
Data File : VL033158.D
Acq On : 4 Feb 2019 16:38
Operator : SY/AP
Sample : VL0204ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0204ABL01

Quant Time: Feb 05 01:01:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 04 14:41:39 2019
QLast Update : Mon Feb 04 14:41:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1331438	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2987589	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2974482	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2423040	10.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.30%

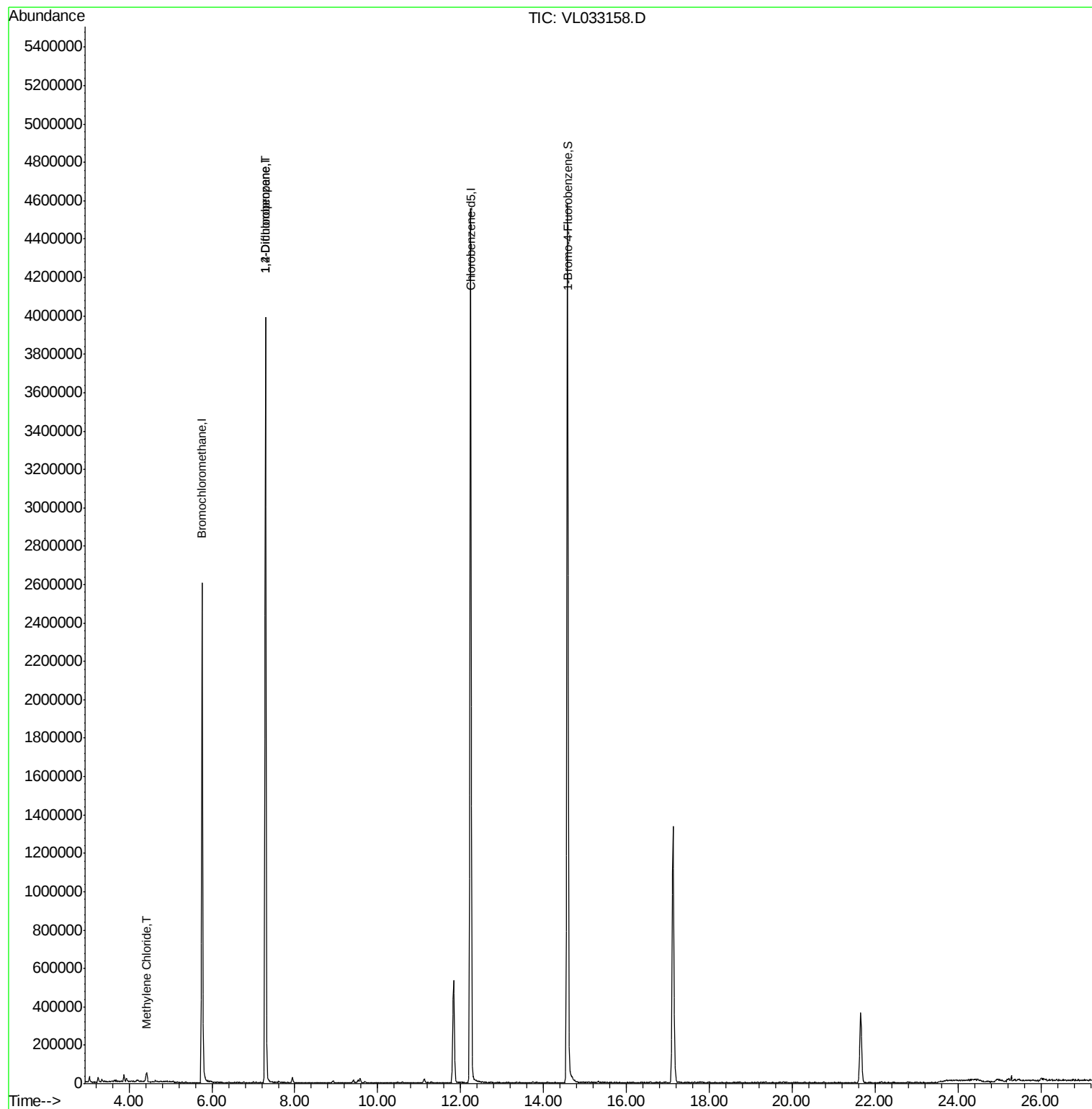
Target Compounds						Qvalue
20) Methylene Chloride	4.41	84	8171	0.150	ppbv #	57
39) 1,2-Dichloropropane	7.29	63	787938	6.802	ppbv #	27

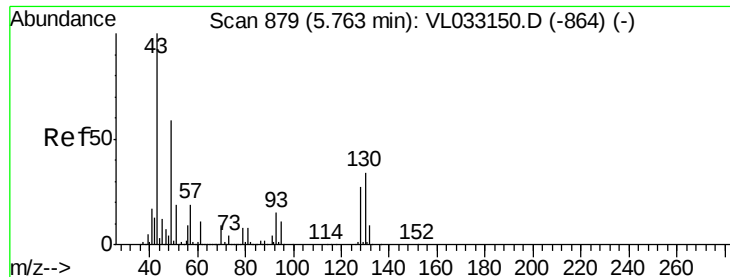
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL020419\
Data File : VL033158.D
Acq On : 4 Feb 2019 16:38
Operator : SY/AP
Sample : VL0204ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0204ABL01

Quant Time: Feb 05 01:01:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL020419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 04 14:41:39 2019
QLast Update : Mon Feb 04 14:41:39 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. 0.00 min

Lab File: VL033158.D

Acq: 4 Feb 2019 16:38

Instrument :

MSVOA_L

ClientSampleId :

VL0204ABL01

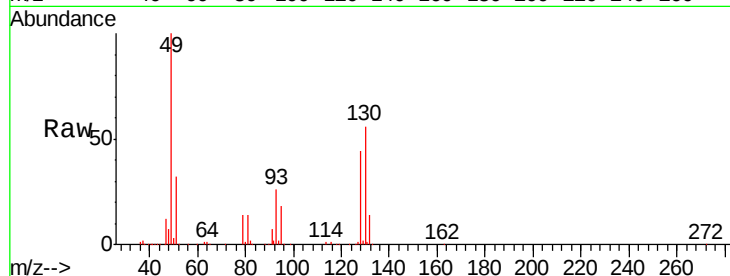
Tgt Ion: 49 Resp: 1331438

Ion Ratio Lower Upper

49 100

128 44.1 23.2 69.5

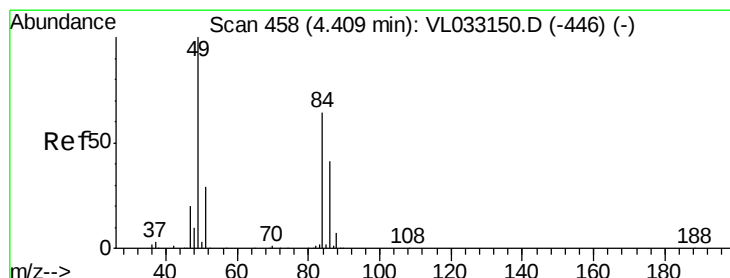
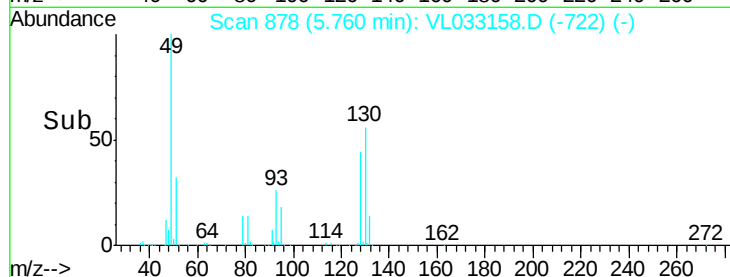
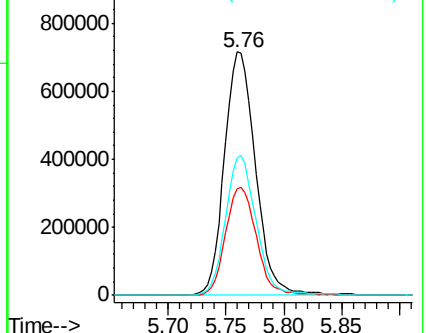
130 56.9 29.5 88.6



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: 0.150 ppbv

RT: 4.41 min Scan# 458

Delta R.T. 0.01 min

Lab File: VL033158.D

Acq: 4 Feb 2019 16:38

Tgt Ion: 84 Resp: 8171

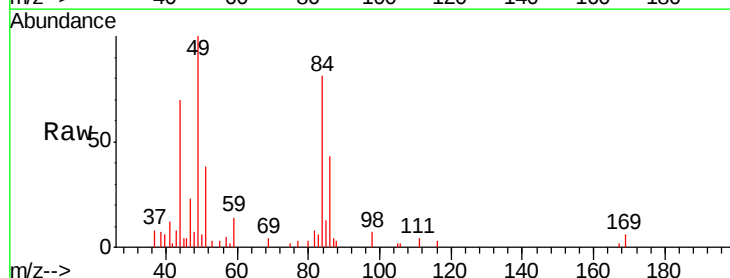
Ion Ratio Lower Upper

84 100

49 83.8 121.1 181.7#

51 31.1 37.5 56.3#

86 36.4 51.0 76.4#

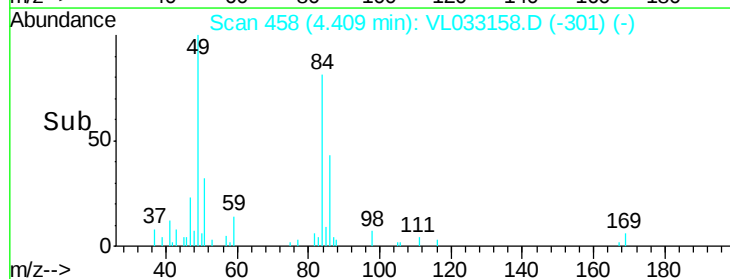
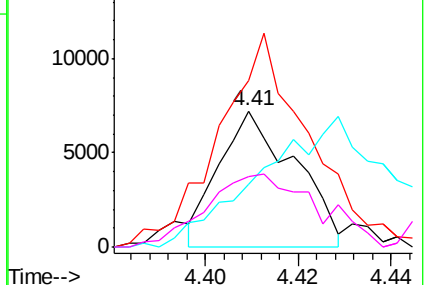


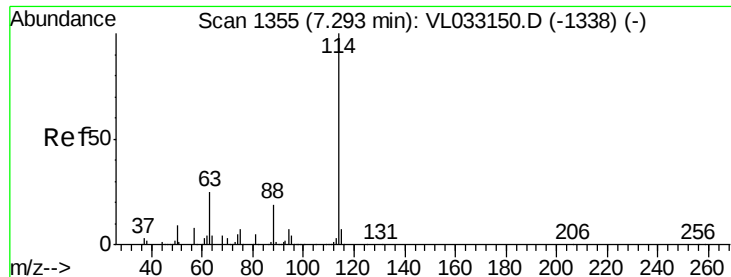
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

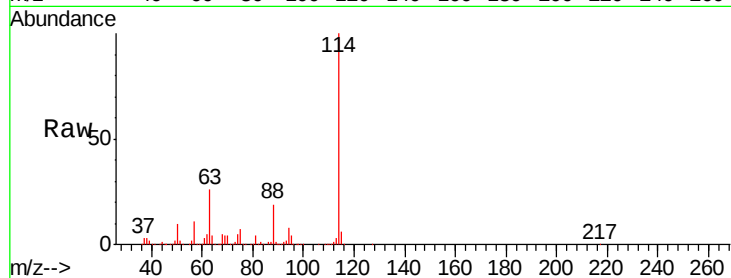




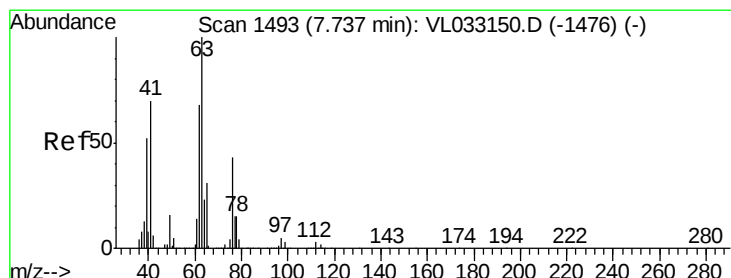
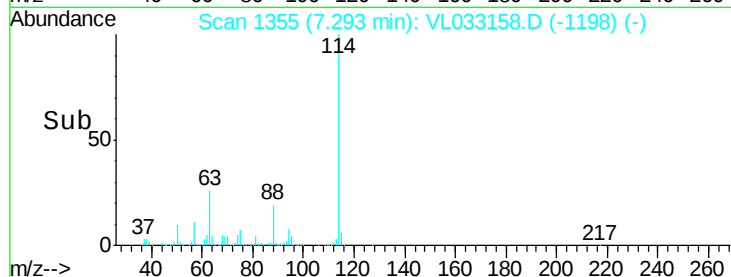
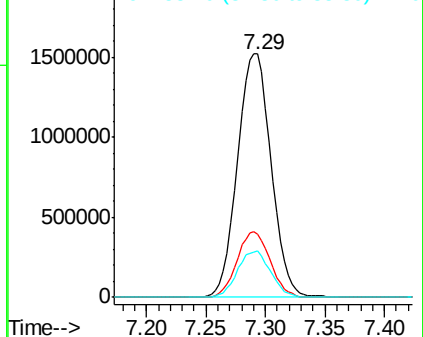
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: VL033158.D
 Acq: 4 Feb 2019 16:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0204ABL01

Tgt Ion: 114 Resp: 2987589
 Ion Ratio Lower Upper
 114 100
 63 26.6 20.0 30.0
 88 18.8 14.4 21.6

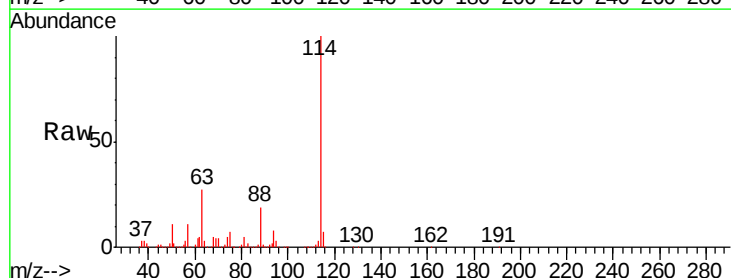


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

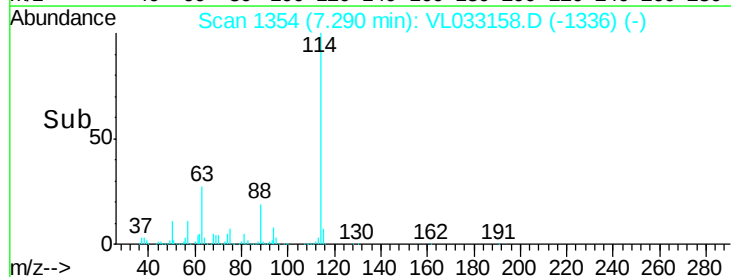
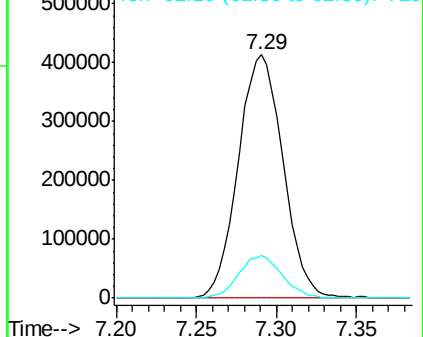


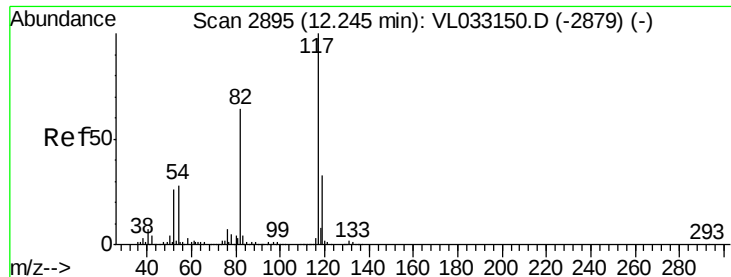
#39
 1,2-Dichloropropane
 Concen: 6.802 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.44 min
 Lab File: VL033158.D
 Acq: 4 Feb 2019 16:38

Tgt Ion: 63 Resp: 787938
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.2 79.8#
 62 17.5 54.4 81.6#



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

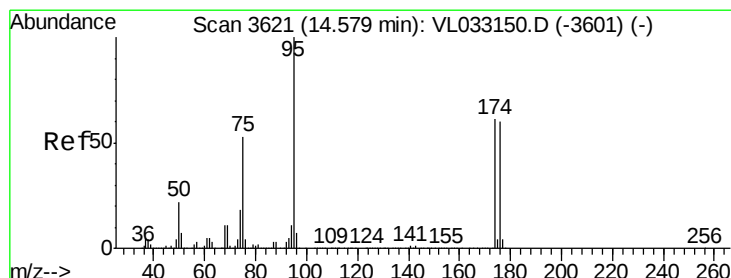
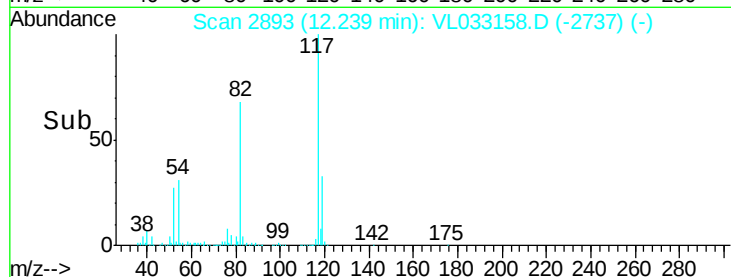
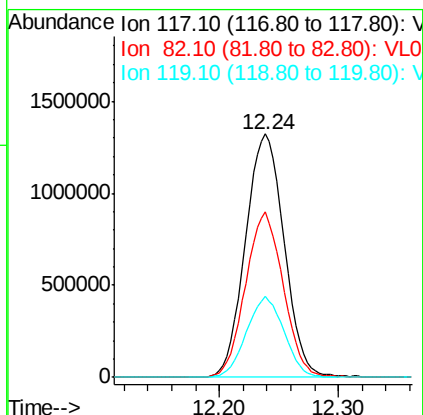
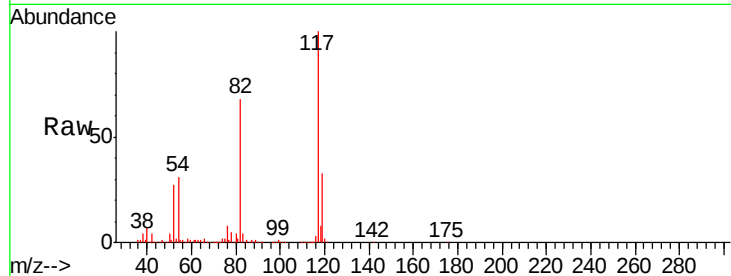




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. 0.00 min
Lab File: VL033158.D
Acq: 4 Feb 2019 16:38

Instrument :
MSVOA_L
ClientSampleId :
VL0204ABL01

Tgt Ion:117 Resp: 2974482
Ion Ratio Lower Upper
117 100
82 66.5 49.3 73.9
119 32.4 27.1 40.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.931 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. 0.00 min
Lab File: VL033158.D
Acq: 4 Feb 2019 16:38

Tgt Ion: 95 Resp: 2423040
Ion Ratio Lower Upper
95 100
174 60.2 49.2 73.8
175 4.3 3.7 5.5

