

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033352.D
 Acq On : 16 Mar 2019 5:04
 Operator : SY/AP
 Sample : K1827-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-4DL

Quant Time: Mar 16 06:55:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	735652	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1623787	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1815608	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1375697	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

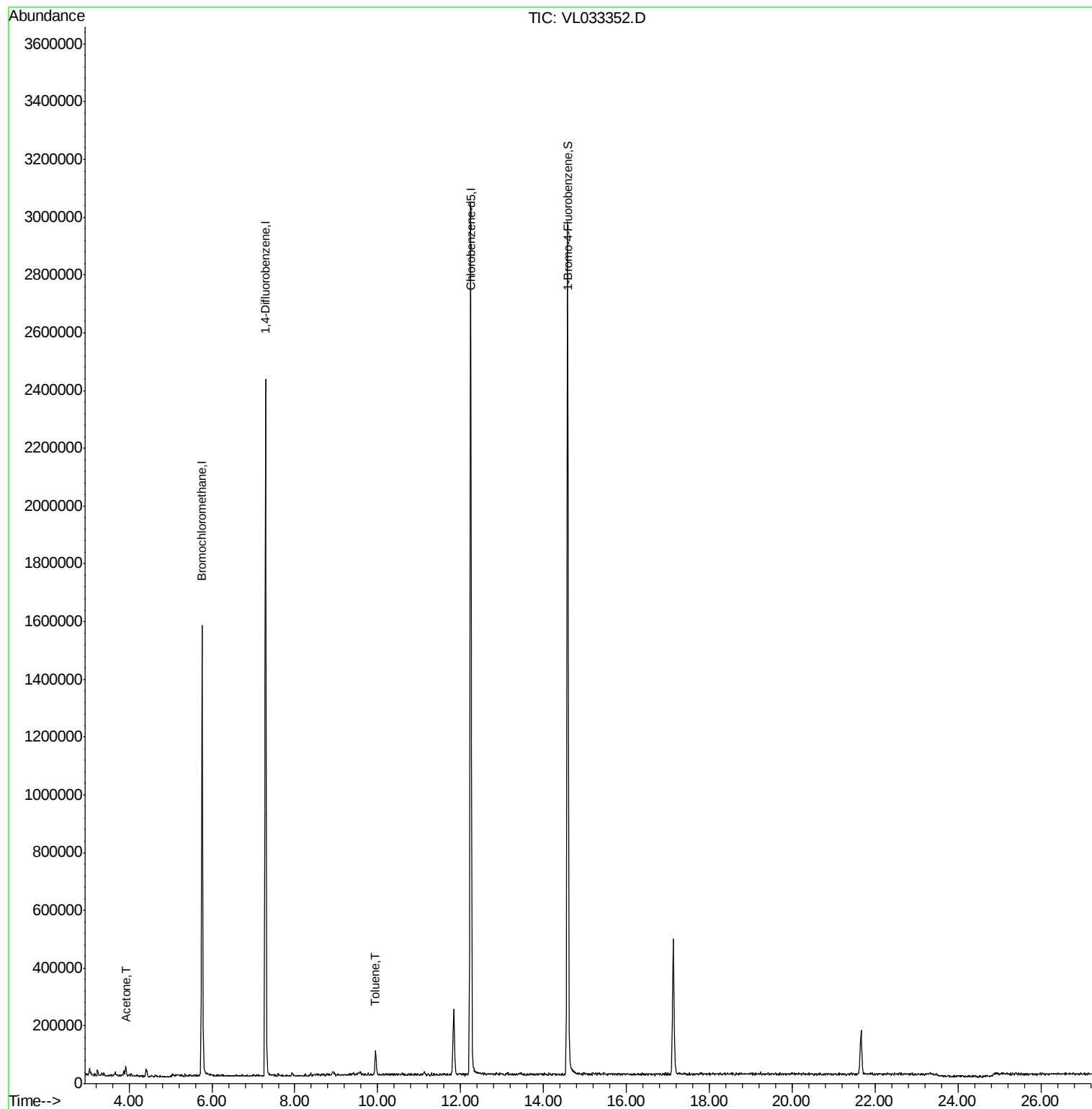
Target Compounds					Ovalue
15) Acetone	3.92	43	29623	0.259 ppbv	99
53) Toluene	9.95	91	61149	0.370 ppbv	98

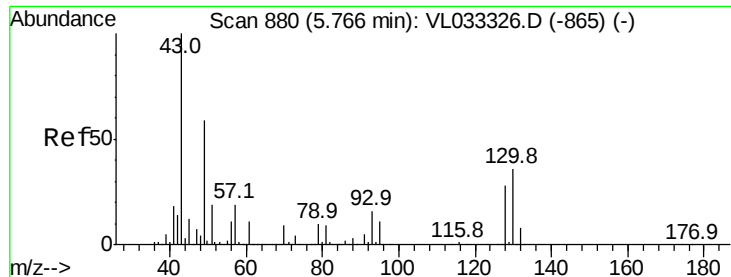
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
Data File : VL033352.D
Acq On : 16 Mar 2019 5:04
Operator : SY/AP
Sample : K1827-04DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Quant Time: Mar 16 06:55:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.01 min

Lab File: VL033352.D

Acq: 16 Mar 2019 5:04

Instrument :

MSVOA_L

ClientSampleId :

A-4DL

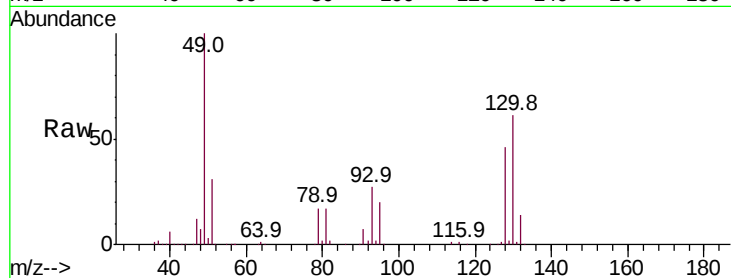
Tot Ion: 49 Resp: 735652

Ion Ratio Lower Upper

49 100

128 46.6 23.5 70.6

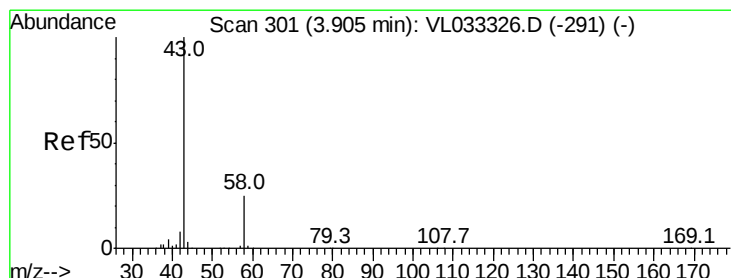
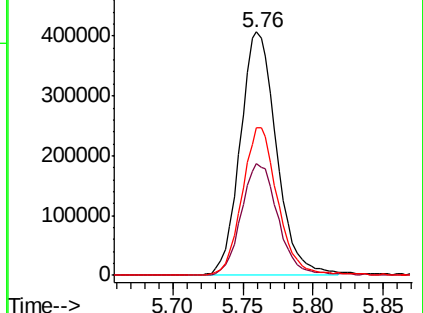
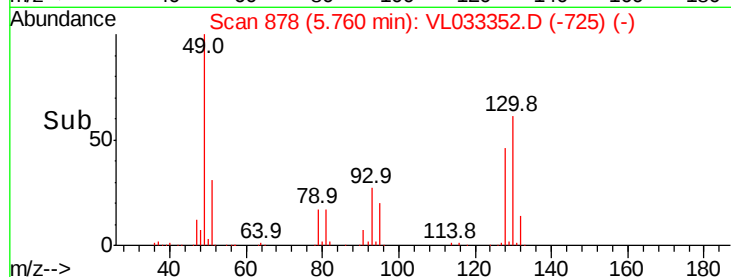
130 59.4 30.1 90.3



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



#15

Acetone

Concen: 0.259 ppbv

RT: 3.92 min Scan# 305

Delta R.T. 0.01 min

Lab File: VL033352.D

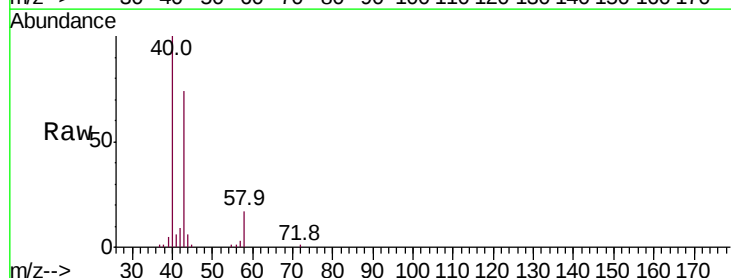
Acq: 16 Mar 2019 5:04

Tgt Ion: 43 Resp: 29623

Ion Ratio Lower Upper

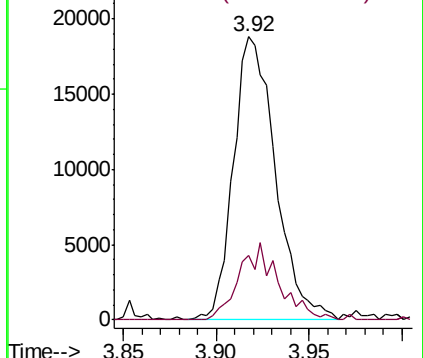
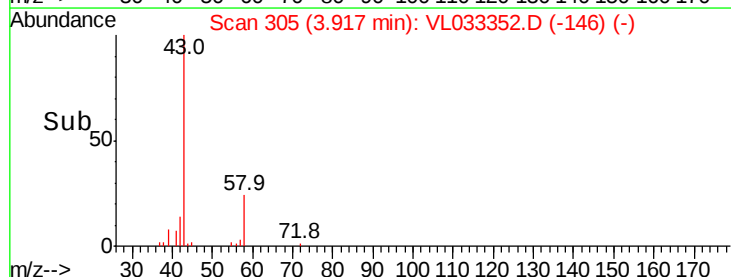
43 100

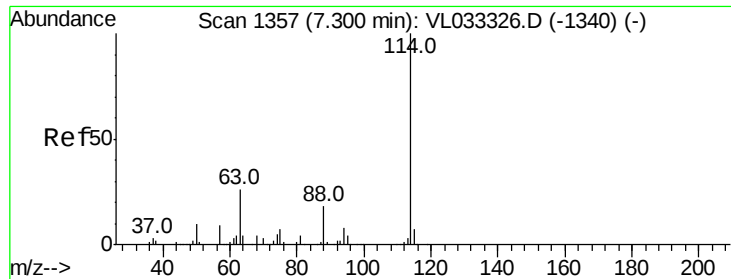
58 26.0 20.4 30.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

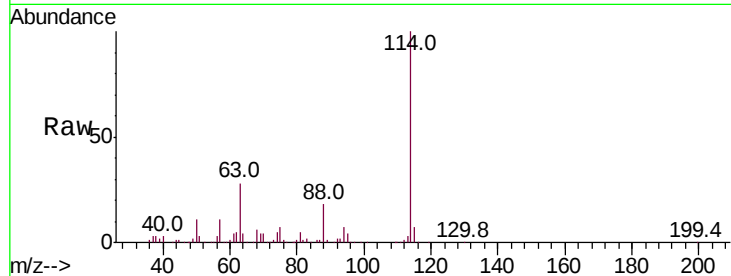




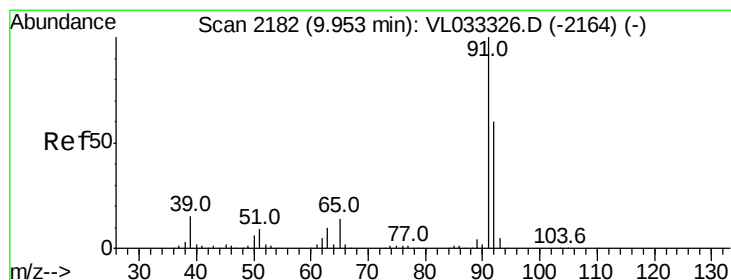
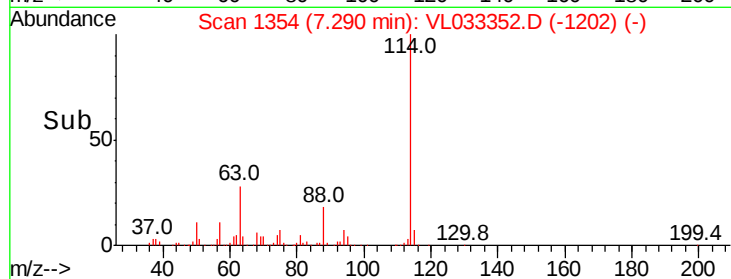
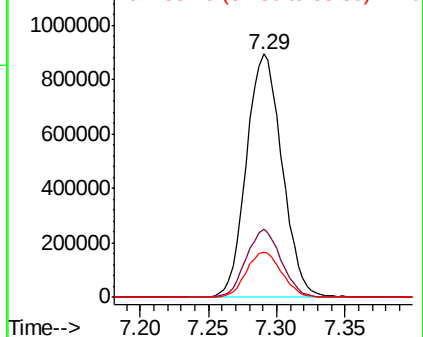
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL033352.D
 Acq: 16 Mar 2019 5:04

Instrument :
 MSVOA_L
 ClientSampleId :
 A-4DL

Tot Ion:114 Resp: 1623787
 Ion Ratio Lower Upper
 114 100
 63 27.7 21.4 32.2
 88 18.5 14.5 21.7

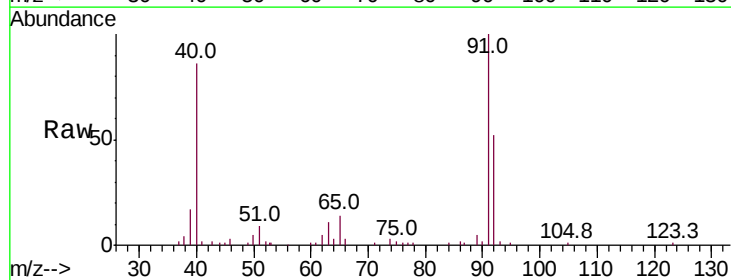


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

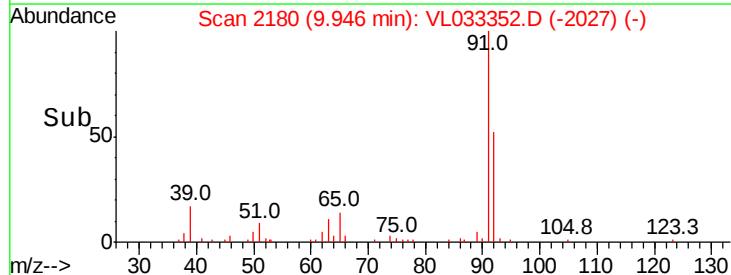
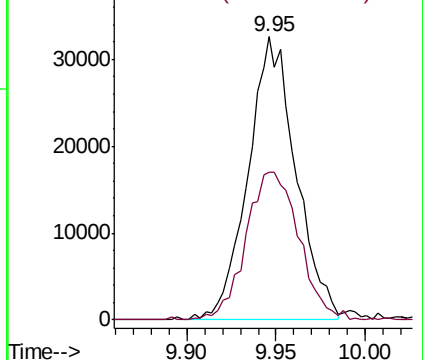


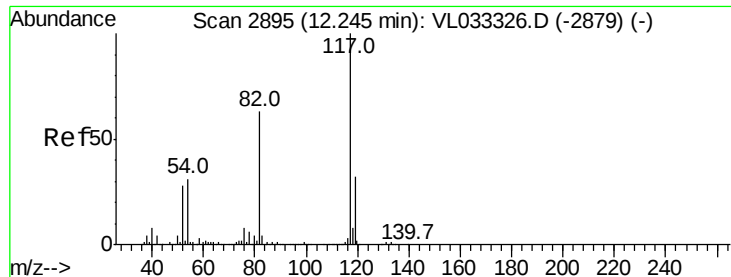
#53
 Toluene
 Concen: 0.370 ppbv
 RT: 9.95 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: VL033352.D
 Acq: 16 Mar 2019 5:04

Tgt Ion: 91 Resp: 61149
 Ion Ratio Lower Upper
 91 100
 92 57.7 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0

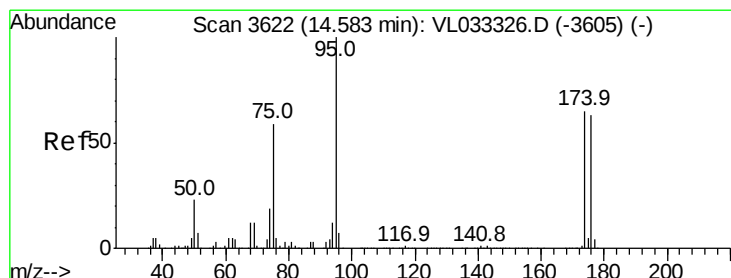
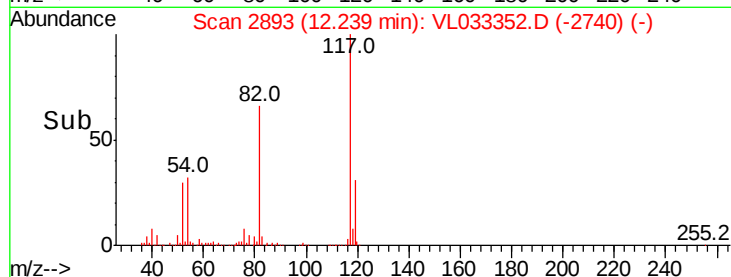
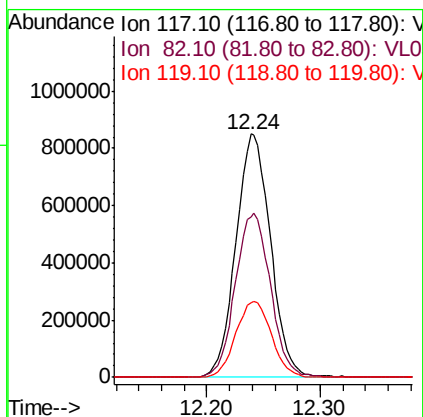
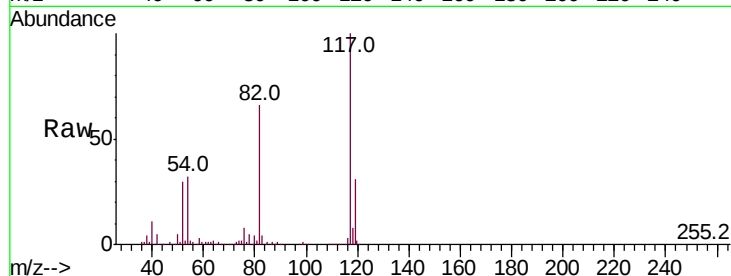




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033352.D
Acq: 16 Mar 2019 5:04

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Tot Ion:117 Resp: 1815608
Ion Ratio Lower Upper
117 100
82 68.8 53.4 80.2
119 32.4 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.225 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL033352.D
Acq: 16 Mar 2019 5:04

Tgt Ion: 95 Resp: 1375697
Ion Ratio Lower Upper
95 100
174 63.9 51.5 77.3
175 4.7 3.8 5.6

