

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032403.D
 Acq On : 17 Aug 2018 11:23
 Operator : SY/AP
 Sample : J4457-06DL2 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG05-MIVIDL2

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 3:12:07 PM

Quant Time: Aug 20 09:53:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1729082	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3410663	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3307667	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2483505	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.94	43	1730667	10.53	ppbv	99
19) Isopropyl Alcohol	4.07	45	1228416	11.10	ppbv #	98

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

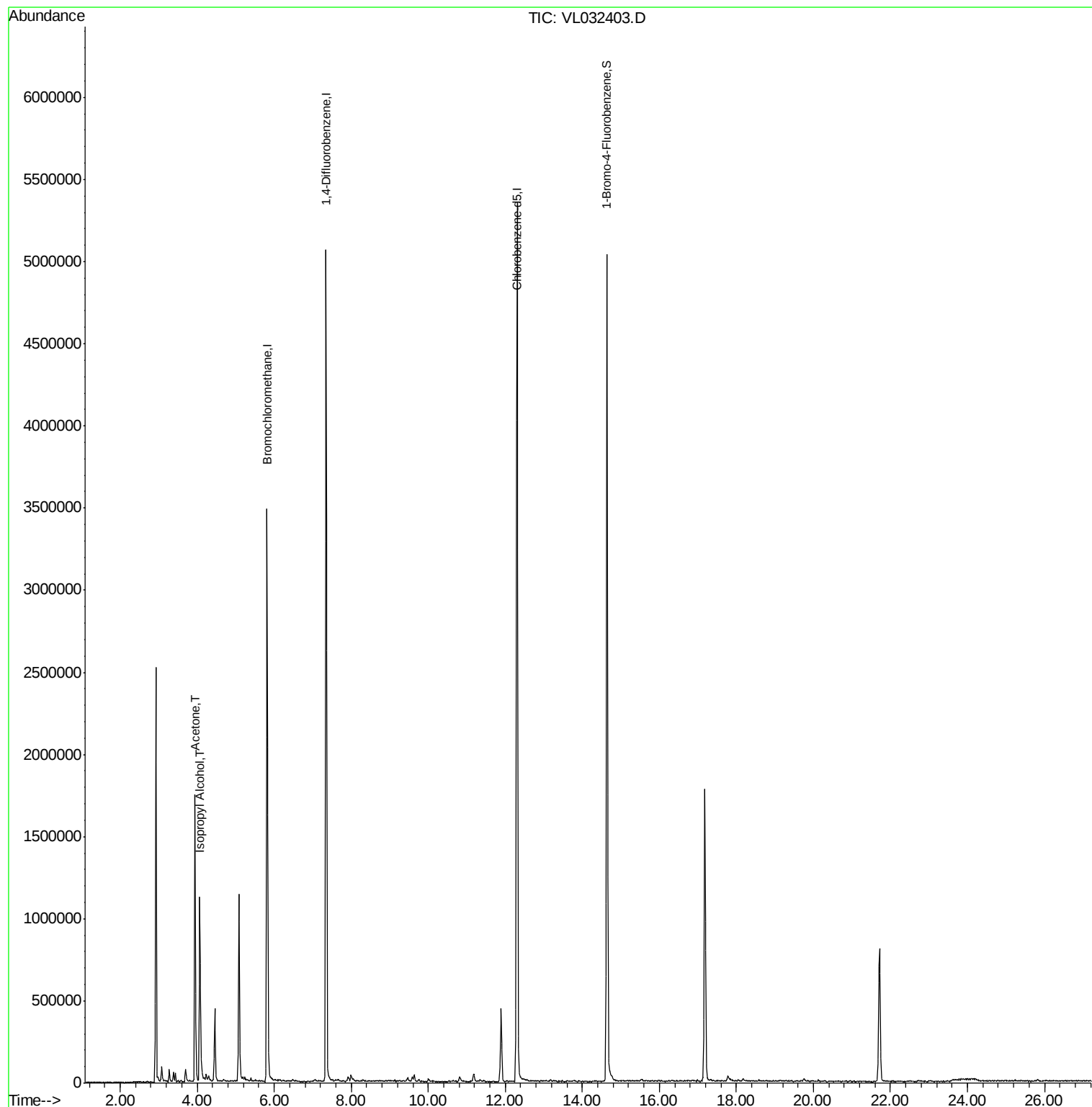
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081618\
Data File : VL032403.D
Acq On : 17 Aug 2018 11:23
Operator : SY/AP
Sample : J4457-06DL2 100X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

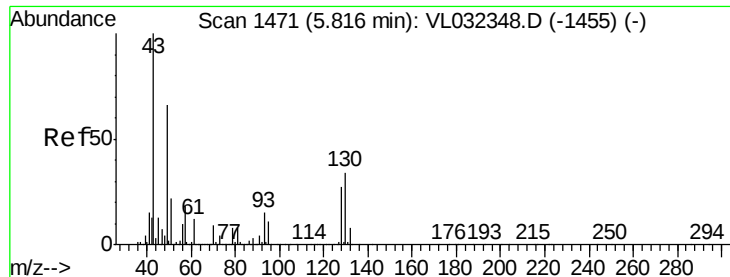
Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Manual Integrations
APPROVED

MMDadoda
8/20/2018 3:12:07 PM

Quant Time: Aug 20 09:53:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

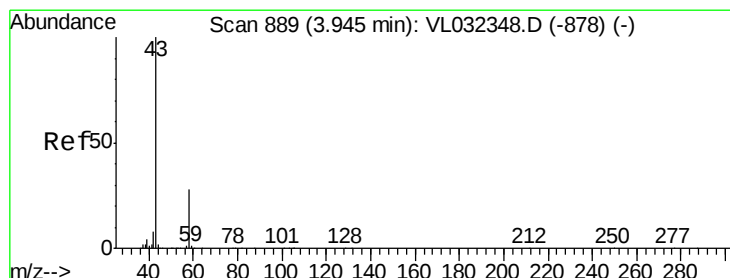
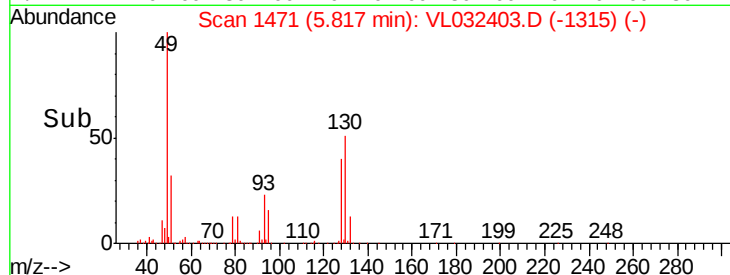
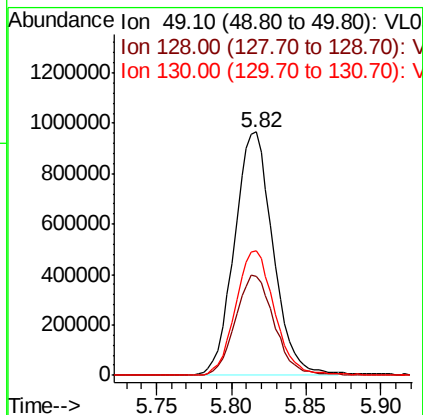
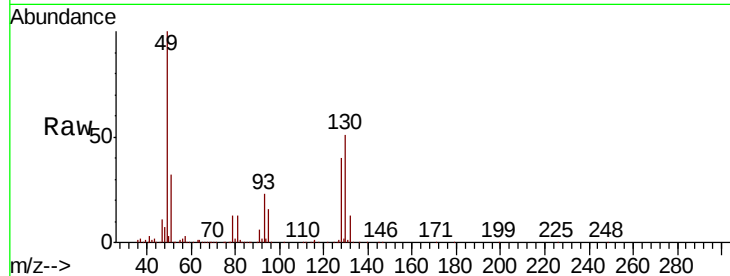
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.82 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: VL032403.D
 Acq: 17 Aug 2018 11:23

Instrument :
 MSVOA_L
 ClientSampleId :
 SG05-MIVIDL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	42.0	20.5	61.6
130	52.0	26.2	78.5

Manual Integrations
 APPROVED

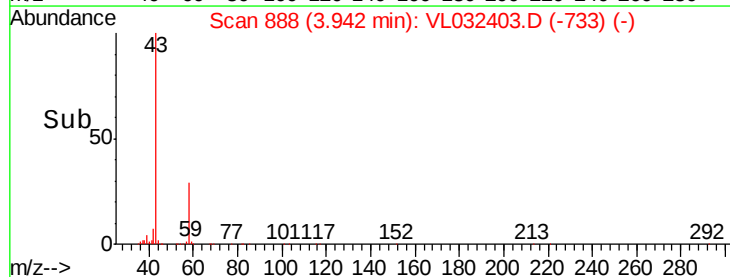
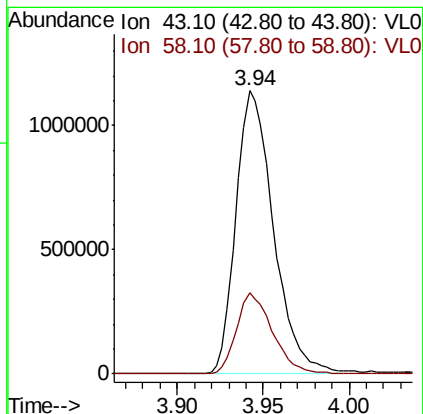
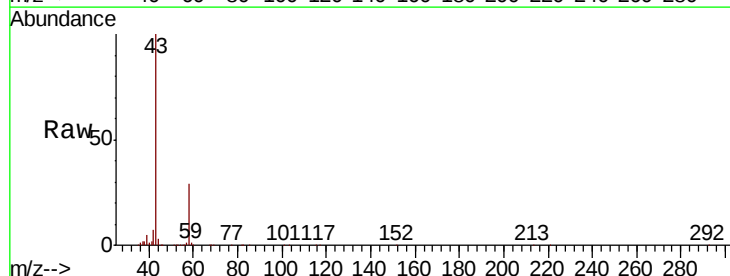
MMDadoda
 8/20/2018 3:12:07 PM

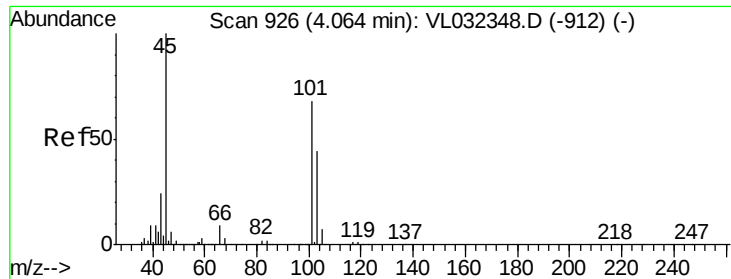


#15

Acetone
 Concen: 10.53 ppbv
 RT: 3.94 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VL032403.D
 Acq: 17 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.4	33.6





#19

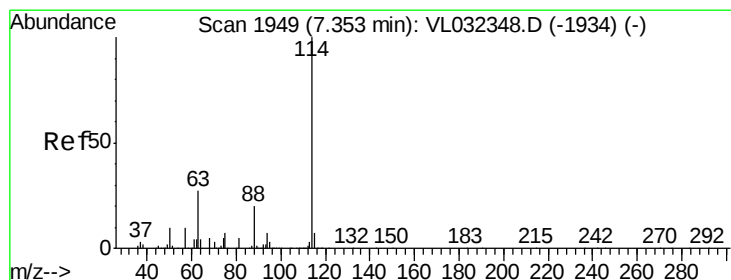
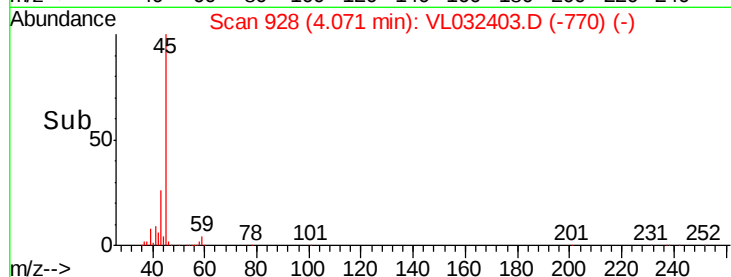
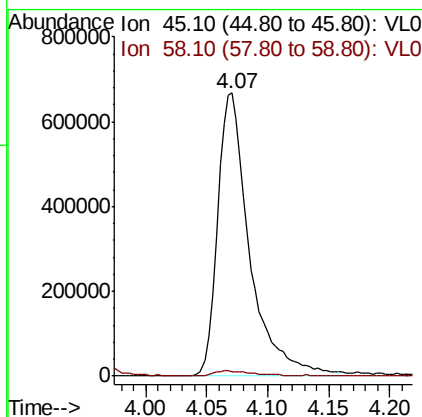
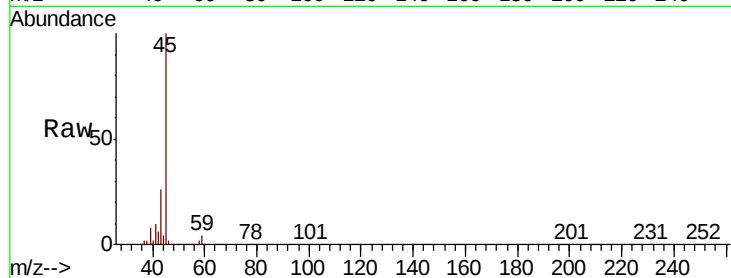
Isopropyl Alcohol
 Concen: 11.10 ppbv
 RT: 4.07 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: VL032403.D
 Acq: 17 Aug 2018 11:23

Instrument :
 MSVOA_L
 ClientSampleId :
 SG05-MIVIDL2

Tot Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.4	2.0#

Manual Integrations
 APPROVED

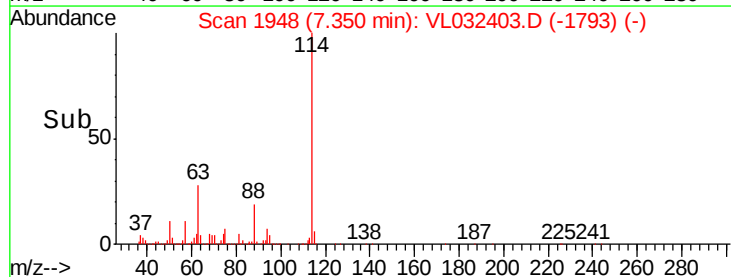
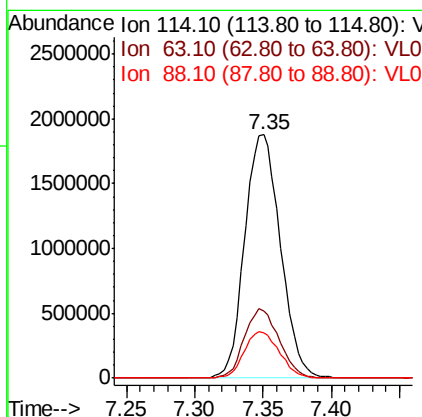
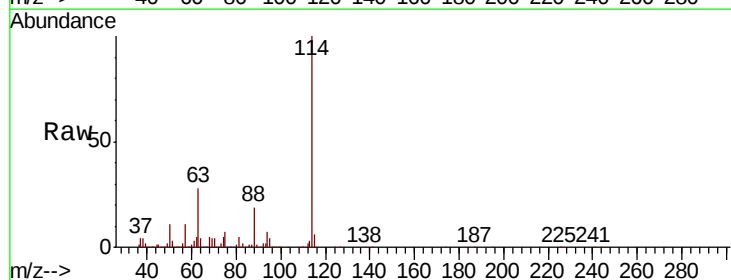
MMDadoda
 8/20/2018 3:12:07 PM

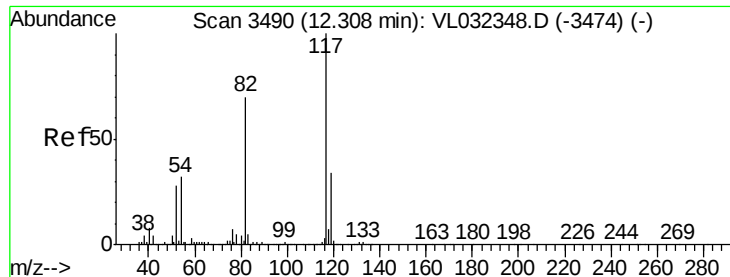


#33

1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.35 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VL032403.D
 Acq: 17 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.0	33.0
88	18.9	15.3	22.9





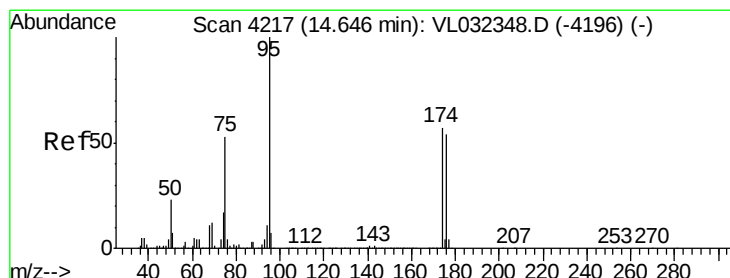
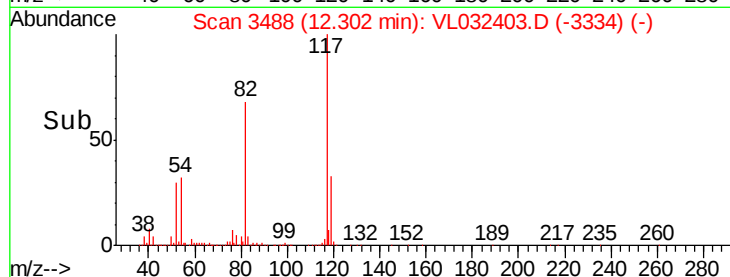
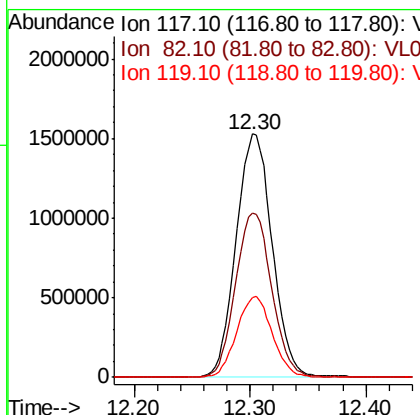
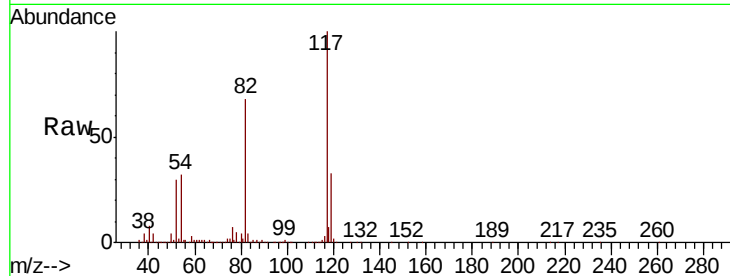
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.0	55.1	82.7
119	33.0	46.0	69.0

Manual Integrations
APPROVED

MMDadoda
8/20/2018 3:12:07 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.84 ppbv
RT: 14.64 min Scan# 4215
Delta R.T. -0.01 min
Lab File: VL032403.D
Acq: 17 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.2	46.2	69.4
175	4.1	3.4	5.0

