

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032196.D
 Acq On : 3 Jul 2018 00:25
 Operator : SY/AP
 Sample : J3735-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:22 PM

Quant Time: Jul 03 06:43:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1384120	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3420066	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3190222	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2469929	10.13	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.73	45	43956m	1.84	ppbv	
15) Acetone	3.98	43	58799	0.36	ppbv	99

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

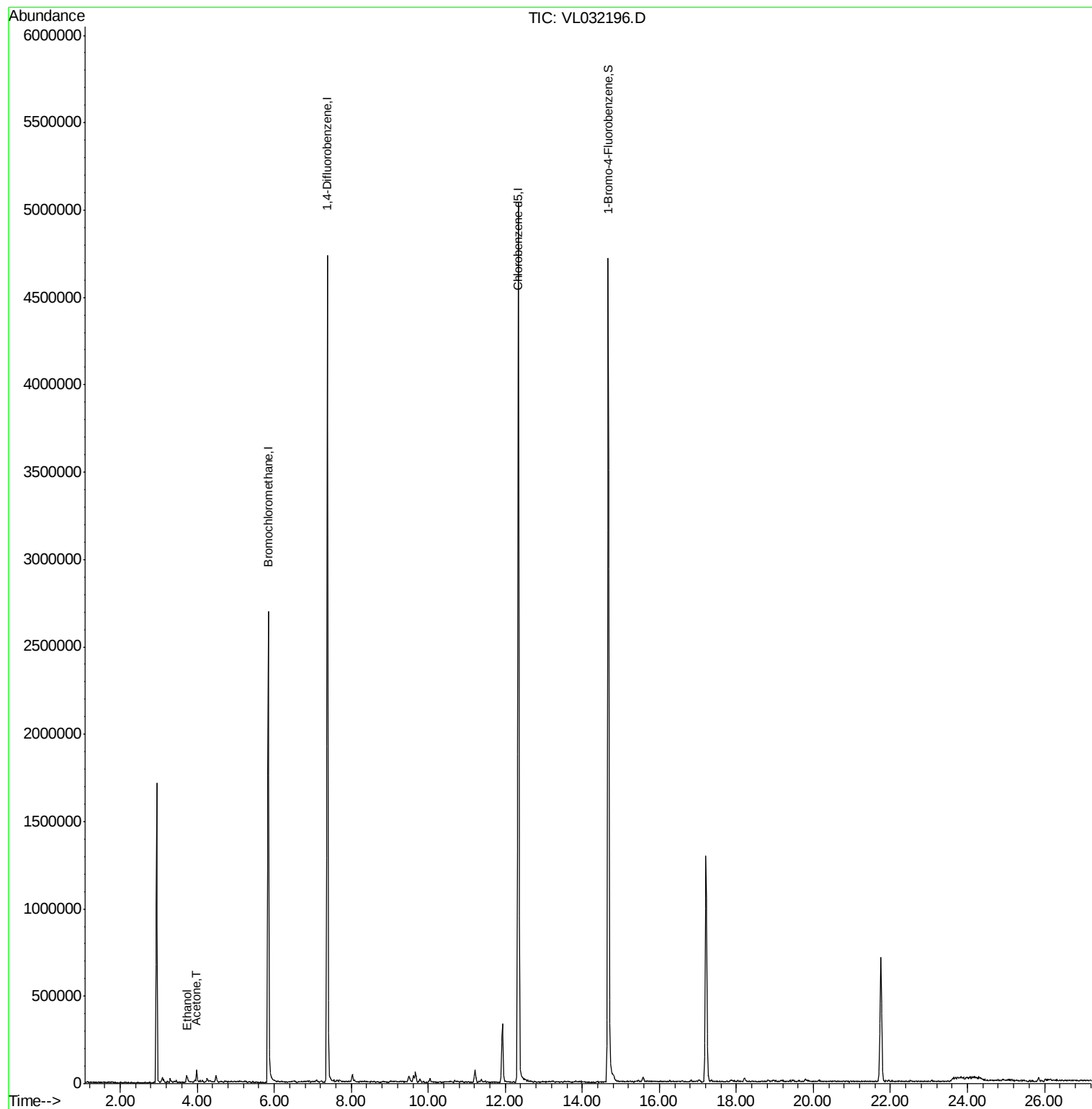
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070218\
Data File : VL032196.D
Acq On : 3 Jul 2018 00:25
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

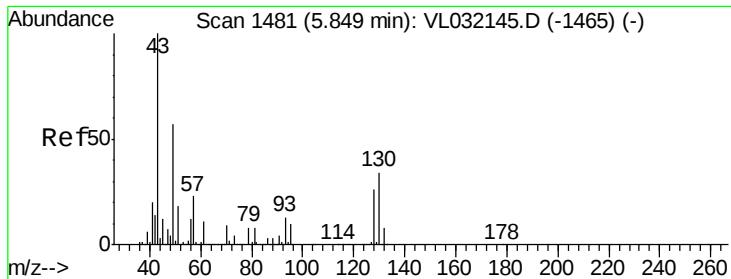
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

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Quant Time: Jul 03 06:43:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

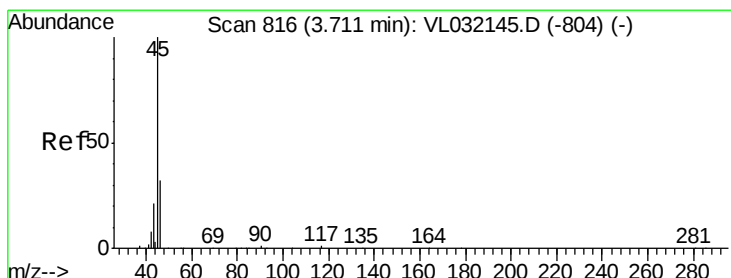
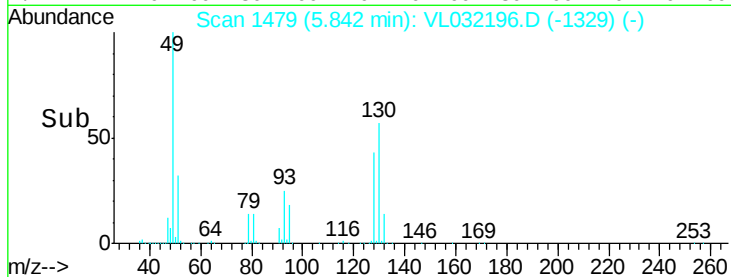
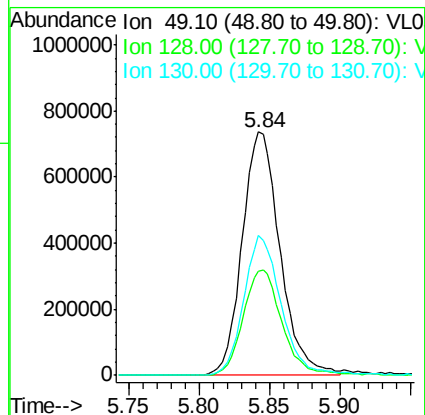
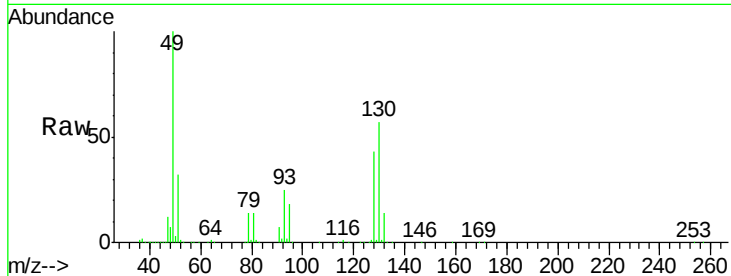
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.84 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: VL032196.D
 Acq: 3 Jul 2018 00:25

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	44.6	23.4	70.0
130	57.6	30.3	90.9

Manual Integrations
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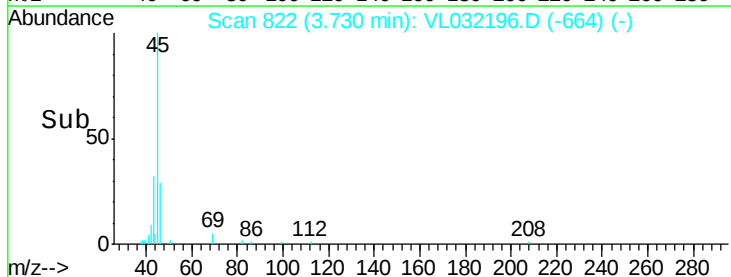
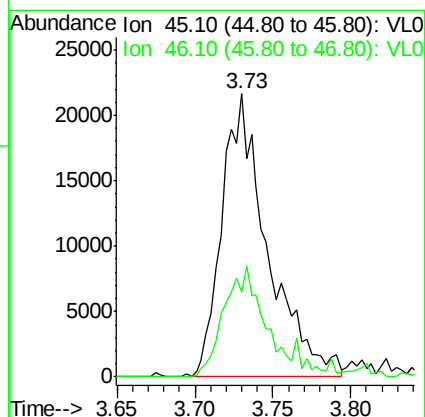
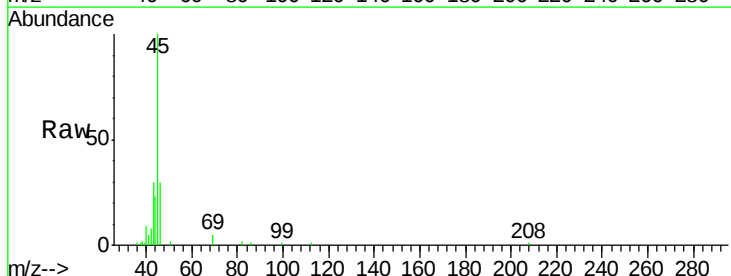
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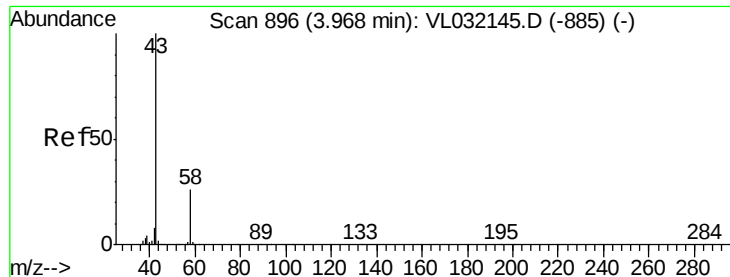


#13

Ethanol
 Concen: 1.84 ppbv m
 RT: 3.73 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: VL032196.D
 Acq: 3 Jul 2018 00:25

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.6	58.4#





#15

Acetone

Concen: 0.36 ppbv

RT: 3.98 min Scan# 901

Delta R.T. 0.01 min

Lab File: VL032196.D

Acq: 3 Jul 2018 00:25

Instrument :

MSVOA_L

ClientSampleId :

SS-1DL

Tot Ion: 43 Resp: 58799

Ion Ratio Lower Upper

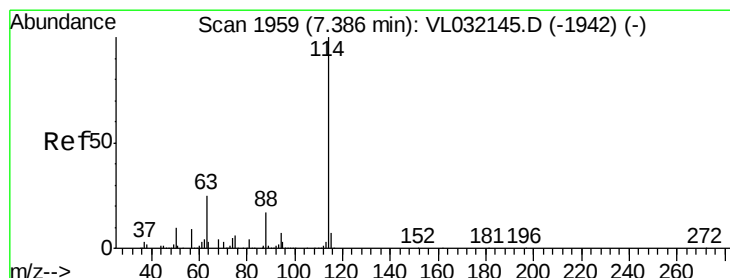
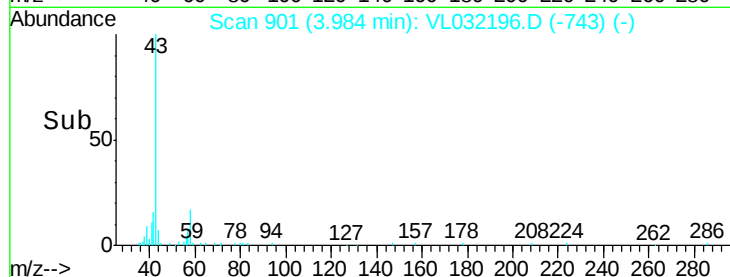
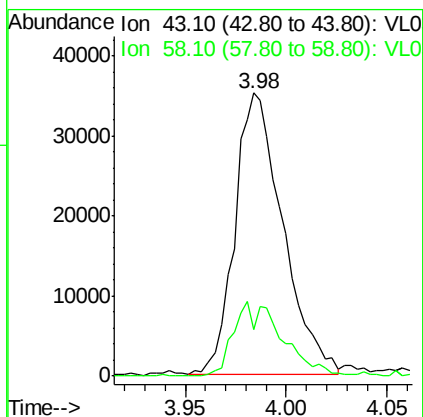
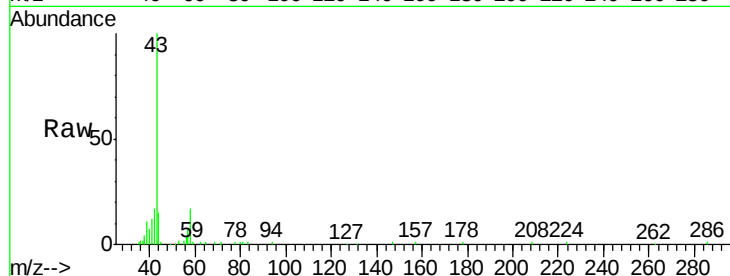
43 100

58 27.1 21.4 32.0

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#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.38 min Scan# 1957

Delta R.T. -0.02 min

Lab File: VL032196.D

Acq: 3 Jul 2018 00:25

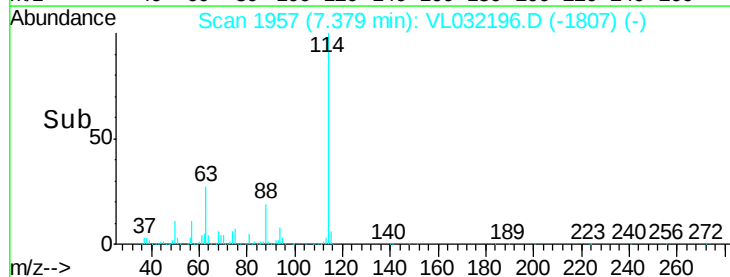
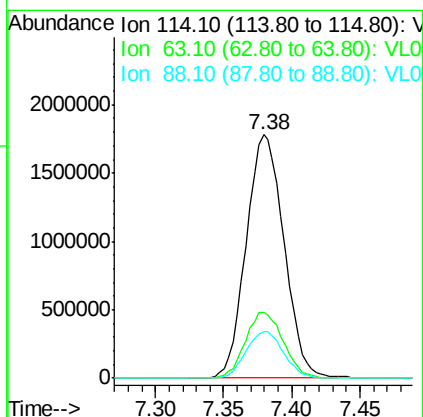
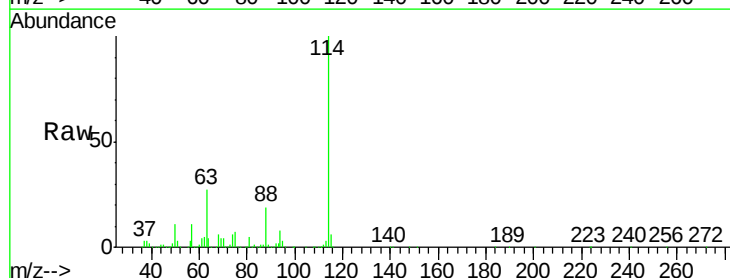
Tgt Ion: 114 Resp: 3420066

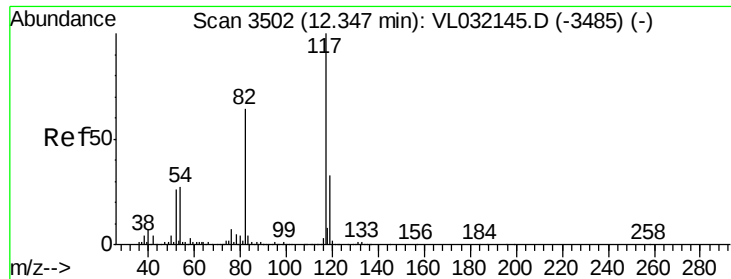
Ion Ratio Lower Upper

114 100

63 27.3 19.1 28.7

88 19.2 13.9 20.9





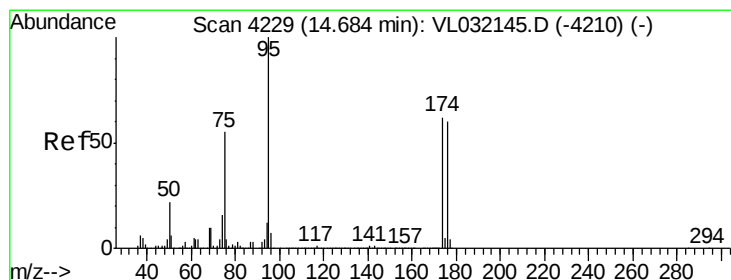
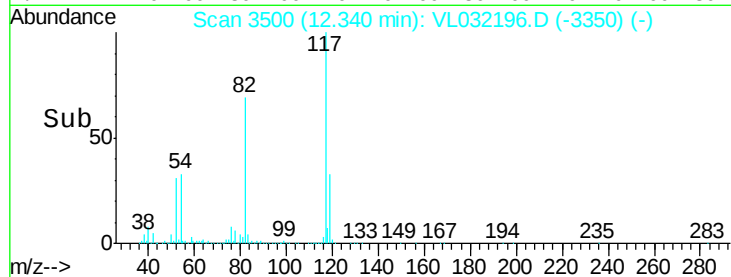
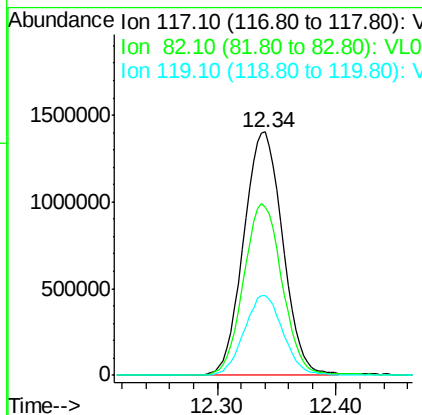
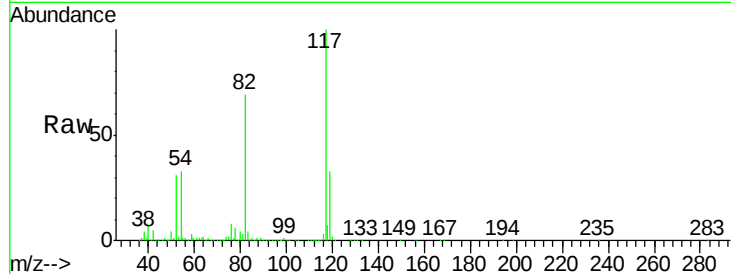
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032196.D
Acq: 3 Jul 2018 00:25

Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.2	47.8	71.8
119	32.7	43.3	64.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.13 ppbv
RT: 14.67 min Scan# 4226
Delta R.T. -0.02 min
Lab File: VL032196.D
Acq: 3 Jul 2018 00:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	56.5	52.1	78.1
175	4.0	4.0	6.0#

