

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
 Data File : VL032026.D
 Acq On : 1 Jun 2018 18:18
 Operator : SY/AP
 Sample : VL0601ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABL01

Manual Integrations
 APPROVED

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 6/4/2018 3:35:45 PM

Quant Time: Jun 03 13:51:39 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 03 13:51:39 2018
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.86	49	1327196	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2346989	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.36	117	2306498	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1803724	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	4.00	43	61477m	0.38	ppbv	
20) Methylene Chloride	4.50	84	26011m	0.36	ppbv	

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

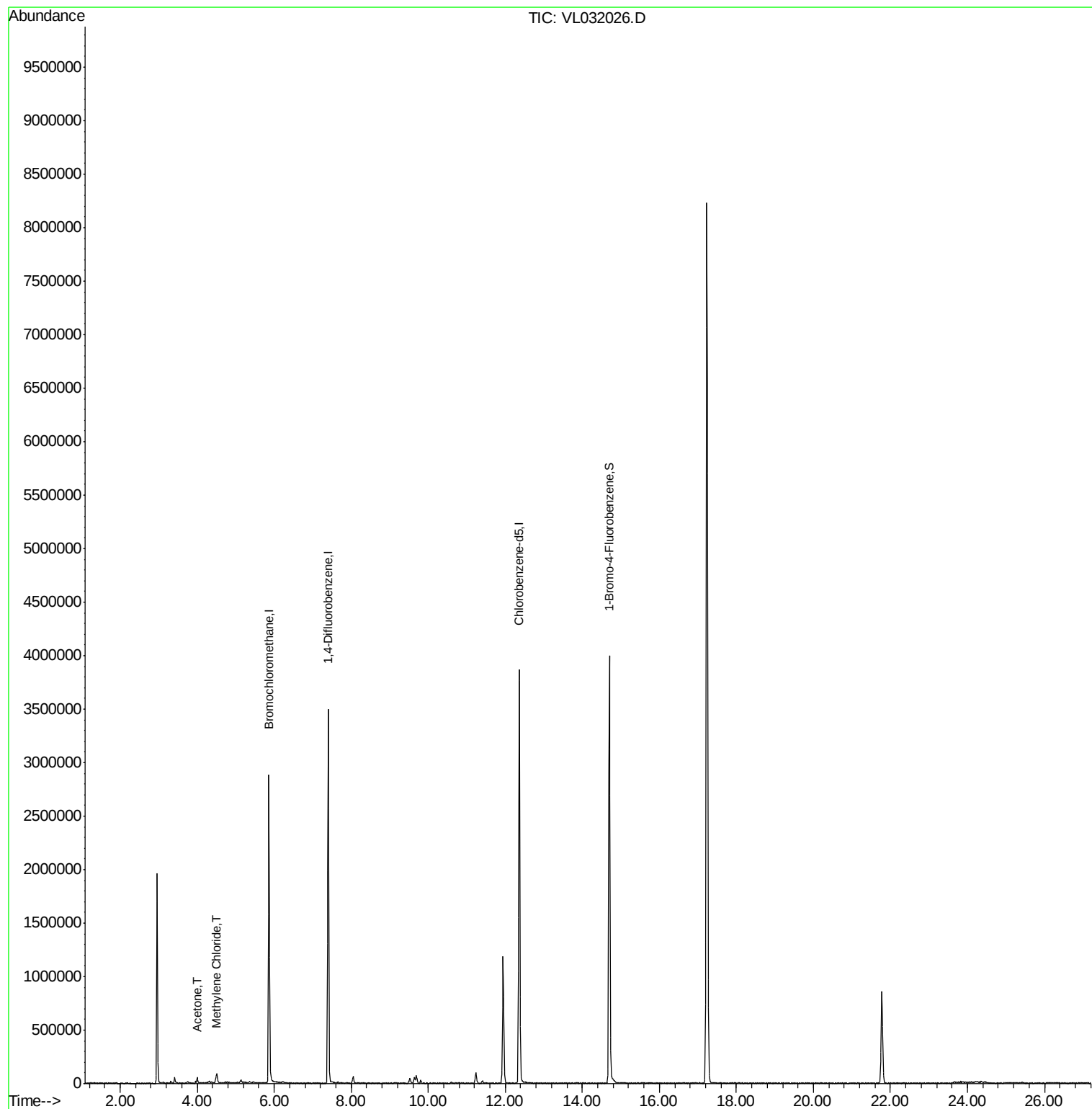
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
Data File : VL032026.D
Acq On : 1 Jun 2018 18:18
Operator : SY/AP
Sample : VL0601ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

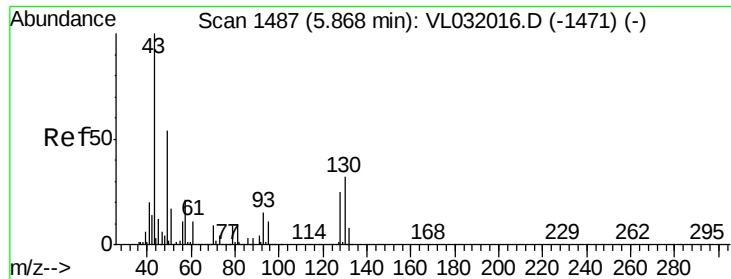
Instrument :
MSVOA_L
ClientSampleId :
VL0601ABL01

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Quant Time: Jun 03 13:51:39 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.86 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VL032026.D

Acq: 1 Jun 2018 18:18

Instrument :

MSVOA_L

ClientSampleId :

VL0601ABL01

Tot Ion: 49 Resp: 1327196

Ion Ratio Lower Upper

49 100

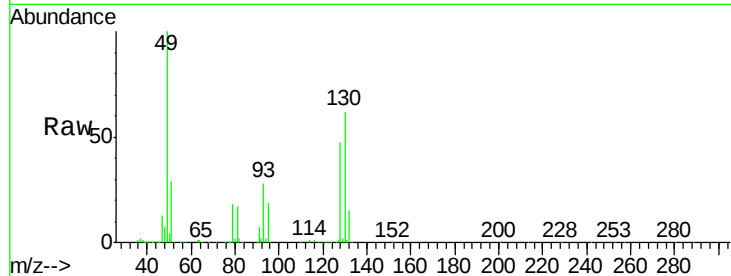
128 48.8 24.1 72.3

130 63.4 30.9 92.8

Manual Integrations
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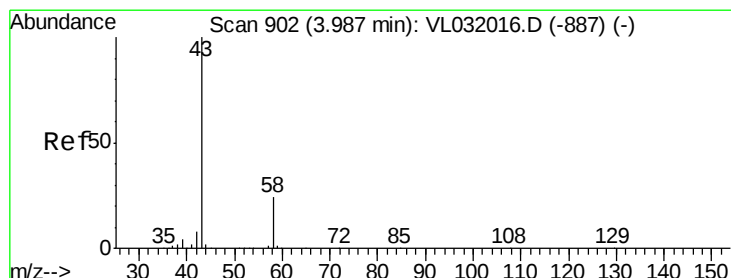
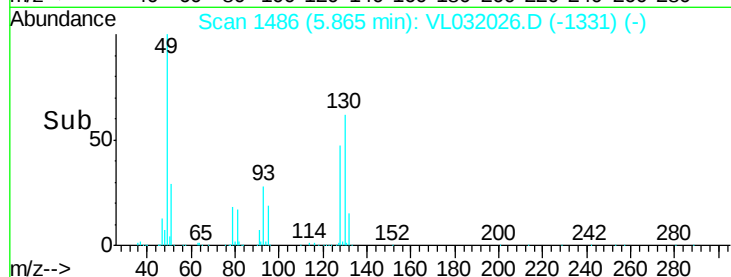
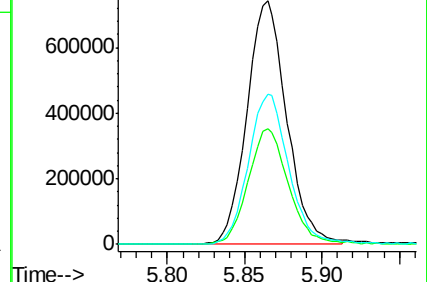
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.38 ppbv m

RT: 4.00 min Scan# 907

Delta R.T. 0.02 min

Lab File: VL032026.D

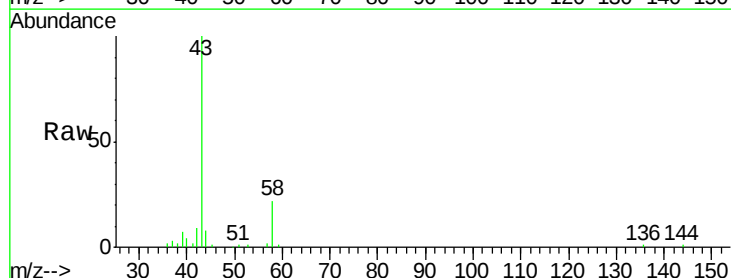
Acq: 1 Jun 2018 18:18

Tgt Ion: 43 Resp: 61477

Ion Ratio Lower Upper

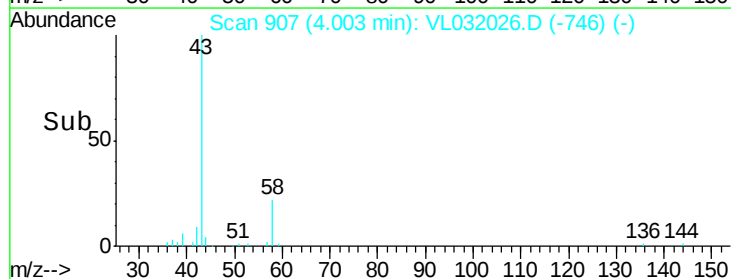
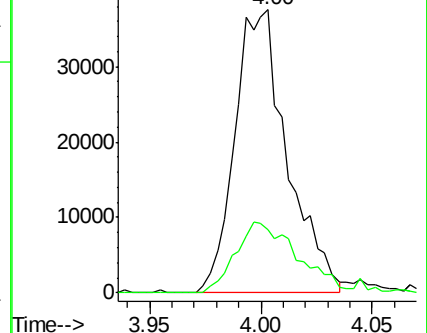
43 100

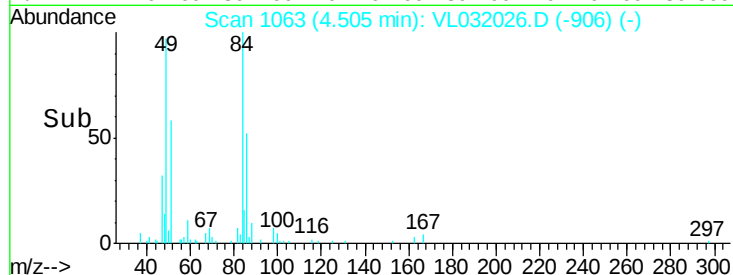
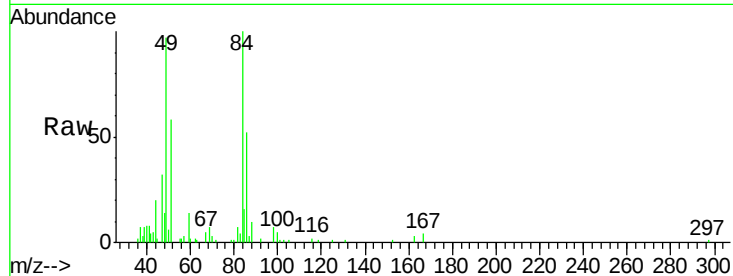
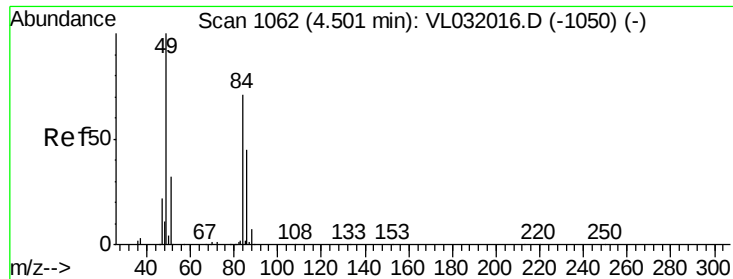
58 31.1 20.7 31.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





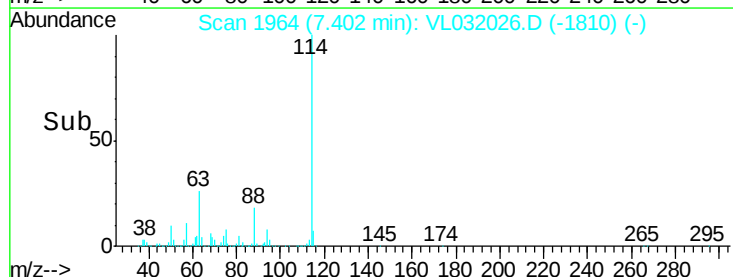
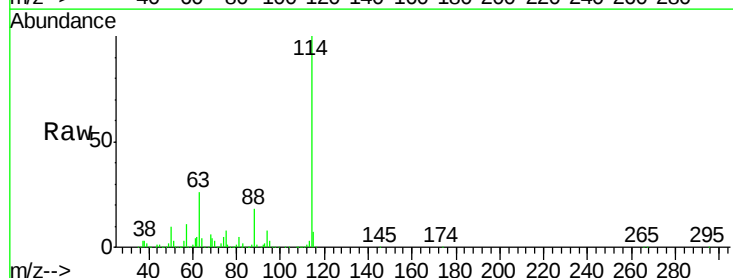
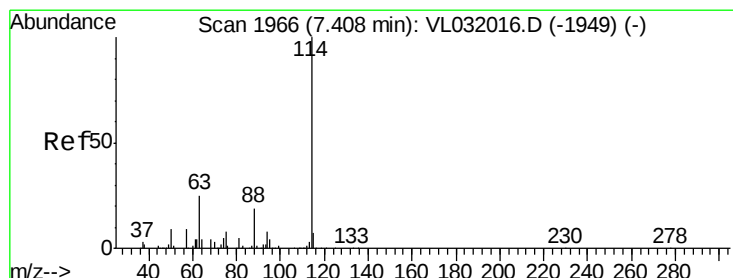
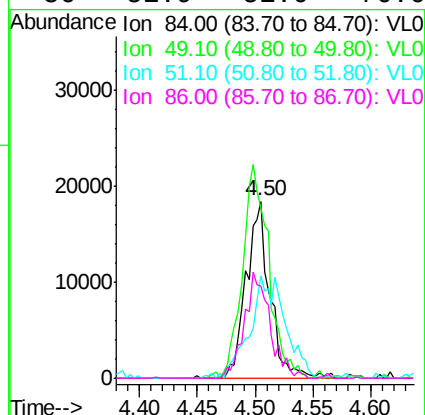
#20
Methvlene Chloride
Concen: 0.36 ppbv m
RT: 4.50 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VL032026.D
Acq: 1 Jun 2018 18:18

Tot Ion	Ratio	Lower	Upper
84	100		
49	96.7	113.0	169.4#
51	58.3	36.4	54.6#
86	51.9	51.0	76.6

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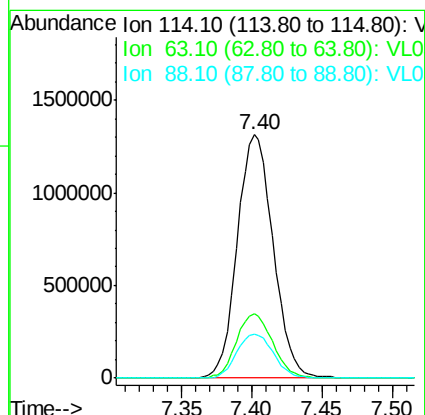
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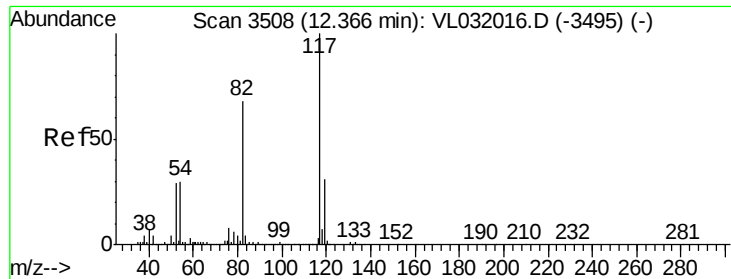
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.40 min Scan# 1964
Delta R.T. -0.01 min
Lab File: VL032026.D
Acq: 1 Jun 2018 18:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.1	31.7
88	18.6	14.8	22.2





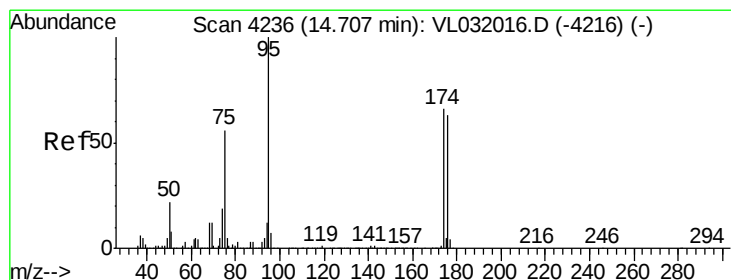
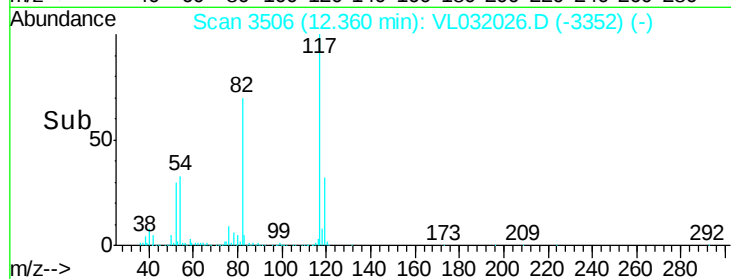
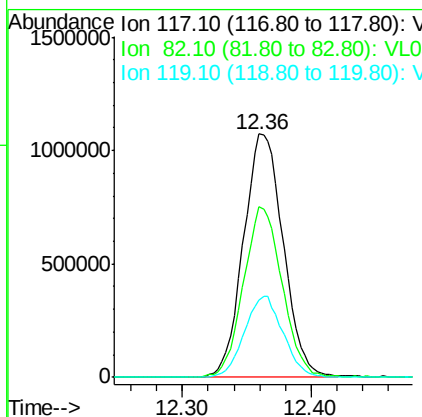
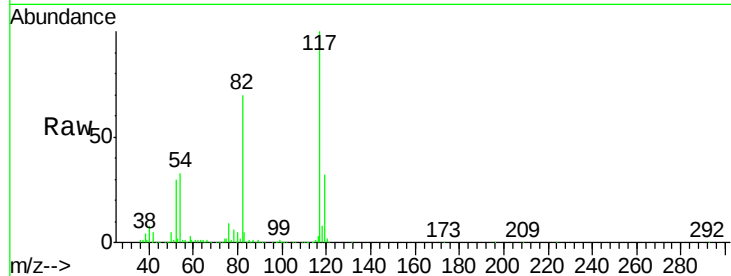
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.36 min Scan# 3506
Delta R.T. -0.01 min
Lab File: VL032026.D
Acq: 1 Jun 2018 18:18

Instrument :
MSVOA_L
ClientSampleId :
VL0601ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.7	52.7	79.1
119	32.8	25.5	38.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 14.70 min Scan# 4234
Delta R.T. -0.01 min
Lab File: VL032026.D
Acq: 1 Jun 2018 18:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.6	53.2	79.8
175	4.6	3.7	5.5

