

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082018\
 Data File : VL032407.D
 Acq On : 20 Aug 2018 16:41
 Operator : SY/AP
 Sample : VL0820ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0820ABL01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:50:30 AM

Quant Time: Aug 21 02:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.81	49	1840920	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3442952	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3426616	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2547675	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.96	43	44947	0.26	ppbv	# 85
20) Methylene Chloride	4.45	84	11715m	0.18	ppbv	

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

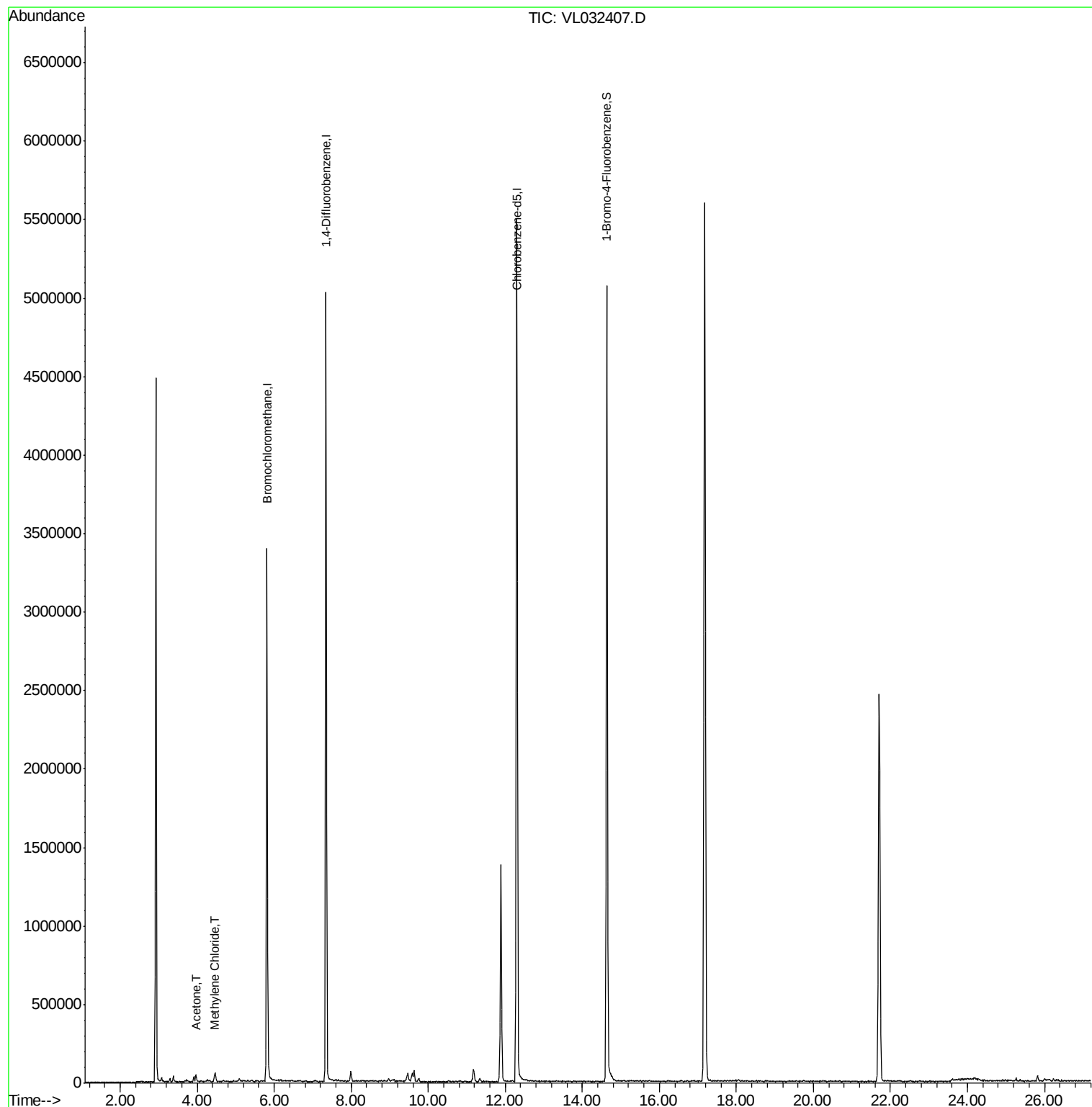
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Data File : VL032407.D
Acq On : 20 Aug 2018 16:41
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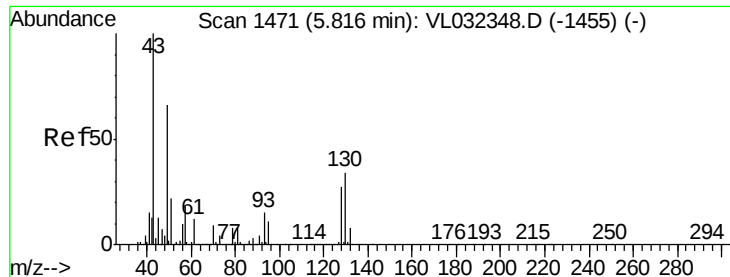
Instrument :
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ClientSampleId :
VL0820ABL01

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Quant Time: Aug 21 02:06:38 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: 5.81 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VL032407.D

Acq: 20 Aug 2018 16:41

Instrument :

MSVOA_L

ClientSampleId :

VL0820ABL01

Tot Ion: 49 Resp: 1840920

Ion Ratio Lower Upper

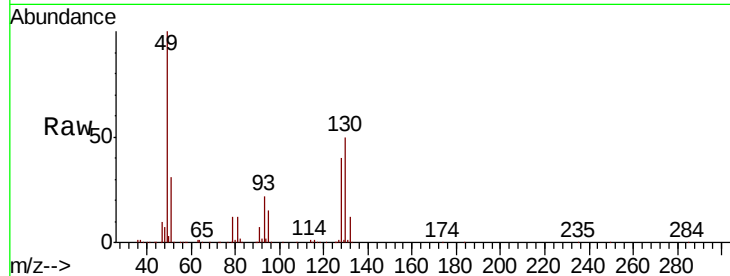
49 100

128 40.7 20.5 61.6

130 51.6 26.2 78.5

Manual Integrations
APPROVED

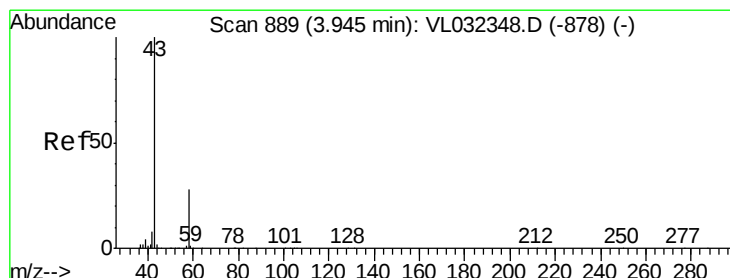
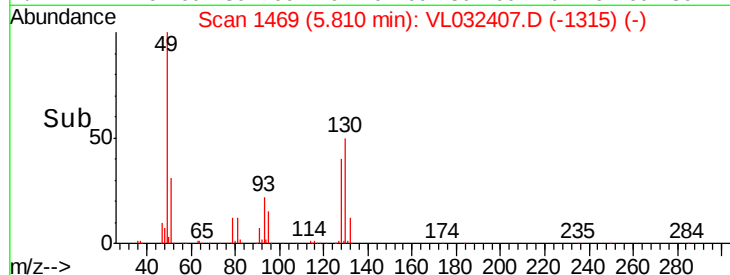
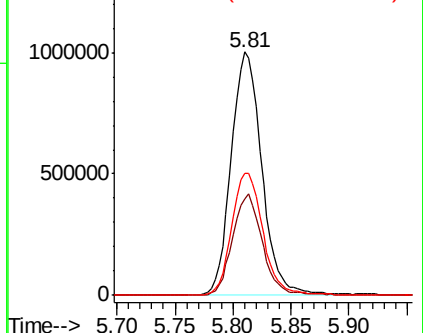
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.26 ppbv

RT: 3.96 min Scan# 894

Delta R.T. 0.02 min

Lab File: VL032407.D

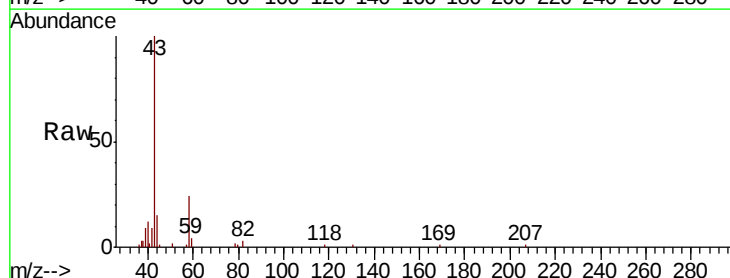
Acq: 20 Aug 2018 16:41

Tgt Ion: 43 Resp: 44947

Ion Ratio Lower Upper

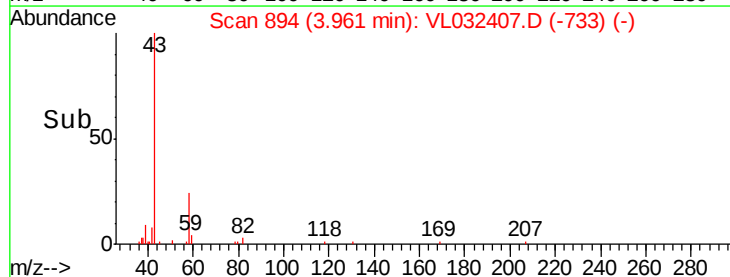
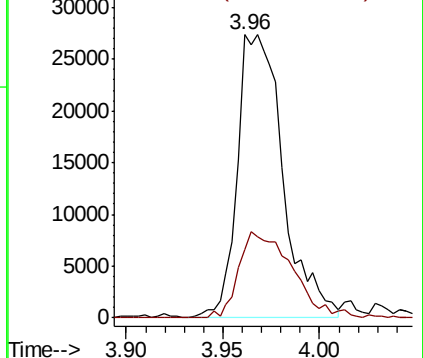
43 100

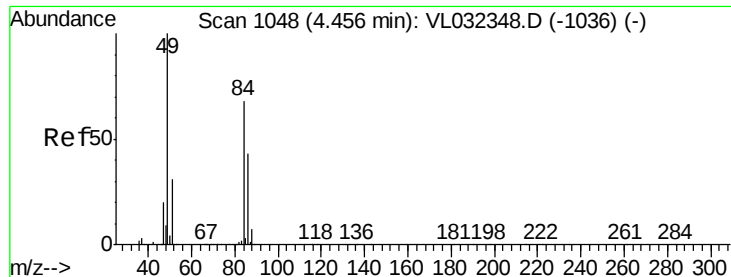
58 35.8 22.4 33.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





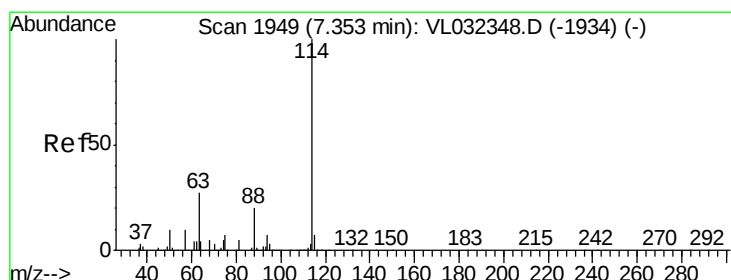
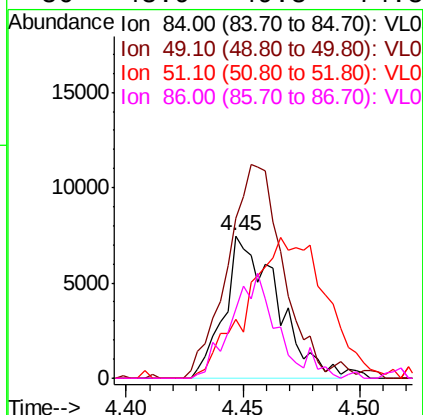
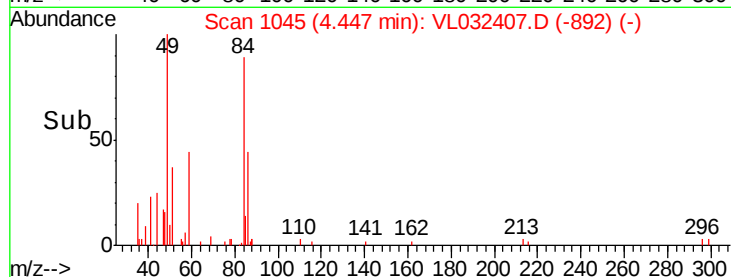
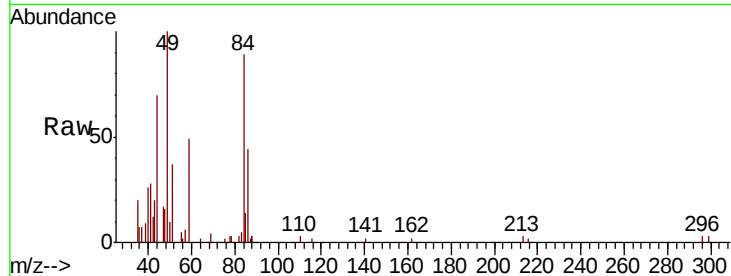
#20
Methvlene Chloride
Concen: 0.18 ppbv m
RT: 4.45 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VL032407.D
Acq: 20 Aug 2018 16:41

Instrument :
MSVOA_L
ClientSampleId :
VL0820ABL01

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	112.3	117.3	175.9#	
51	41.7	36.6	55.0	
86	48.9	49.8	74.8#	

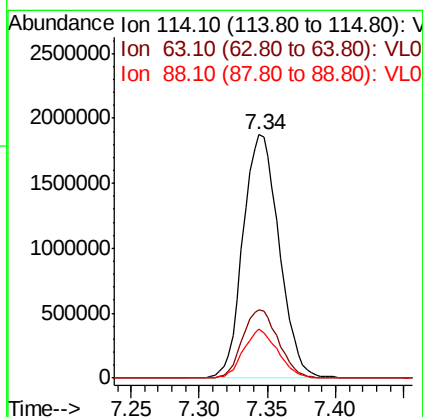
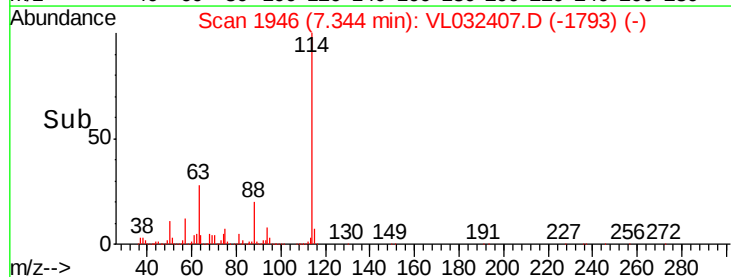
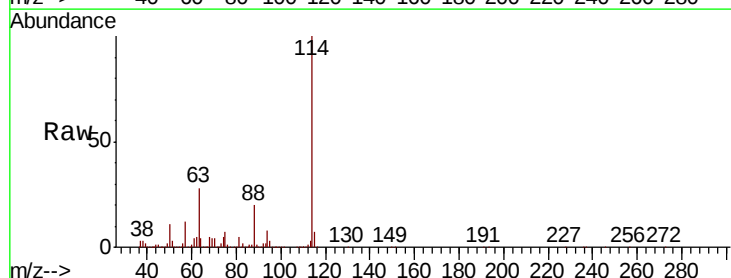
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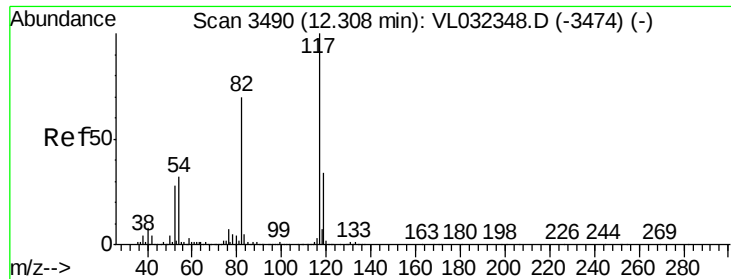
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.34 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VL032407.D
Acq: 20 Aug 2018 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	28.0	22.0	33.0	
88	19.1	15.3	22.9	





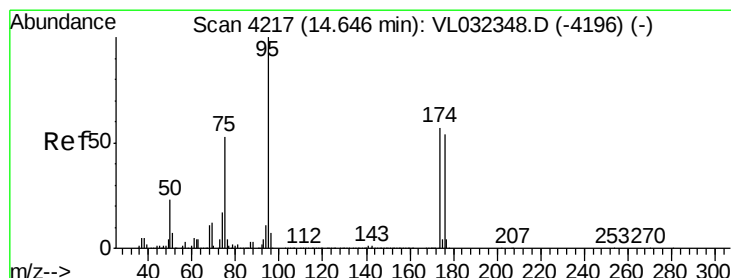
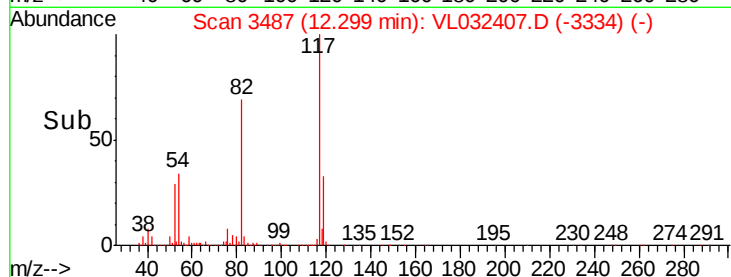
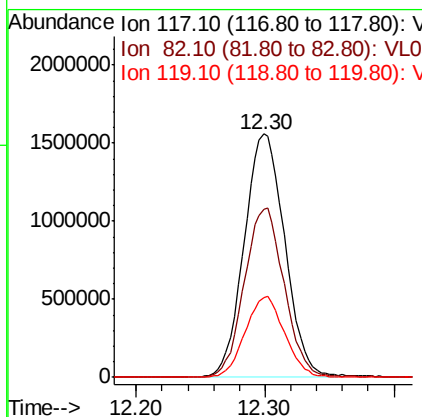
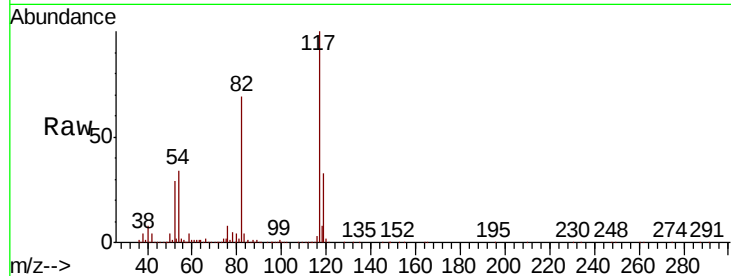
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3487
Delta R.T. -0.01 min
Lab File: VL032407.D
Acq: 20 Aug 2018 16:41

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	68.8	55.1	82.7
119	32.6	46.0	69.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.75 ppbv
RT: 14.64 min Scan# 4214
Delta R.T. -0.01 min
Lab File: VL032407.D
Acq: 20 Aug 2018 16:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.1	46.2	69.4
175	4.1	3.4	5.0

