

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121118\
 Data File : VL032954.D
 Acq On : 11 Dec 2018 14:41
 Operator : SY/AP
 Sample : VL1211ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1211ABL01

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 7:58:36 AM

Quant Time: Dec 12 16:07:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1213687	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3006168	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2938931	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2153200	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.94	43	10992m	0.106	ppbv	
20) Methylene Chloride	4.42	84	17311m	0.340	ppbv	

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

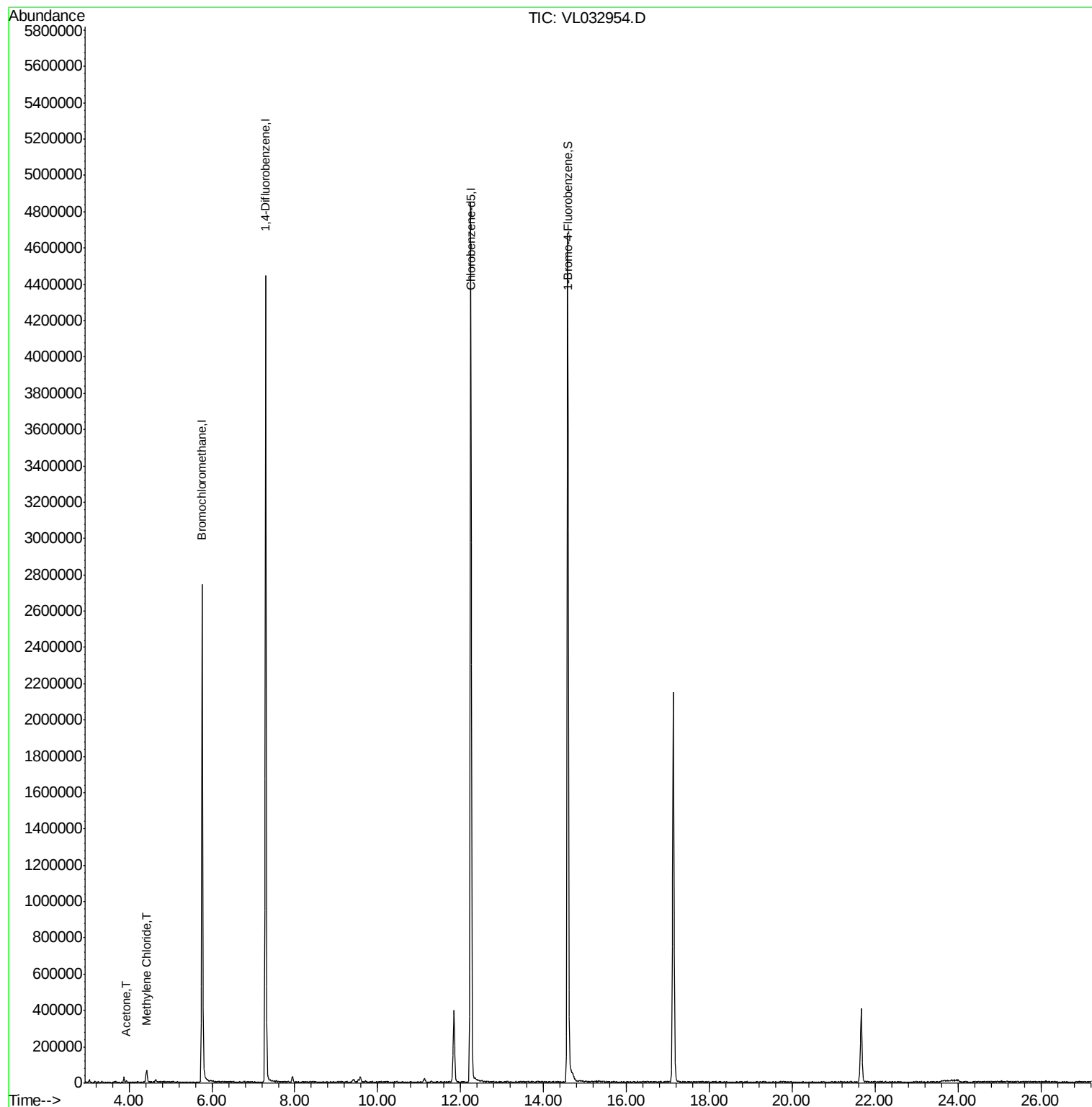
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Data File : VL032954.D
Acq On : 11 Dec 2018 14:41
Operator : SY/AP
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Misc : 400ml/MSVOA L
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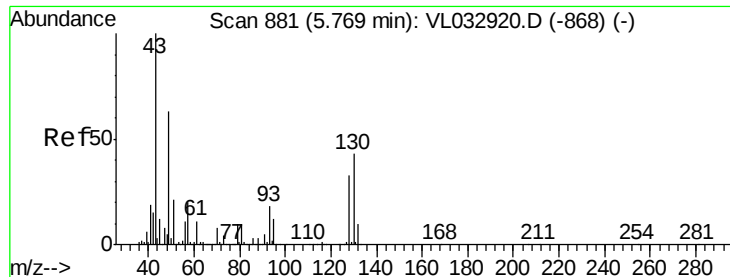
Instrument :
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ClientSampleId :
VL1211ABL01

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Quant Time: Dec 12 16:07:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032954.D

Acq: 11 Dec 2018 14:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABL01

Tot Ion: 49 Resp: 1213687

Ion Ratio Lower Upper

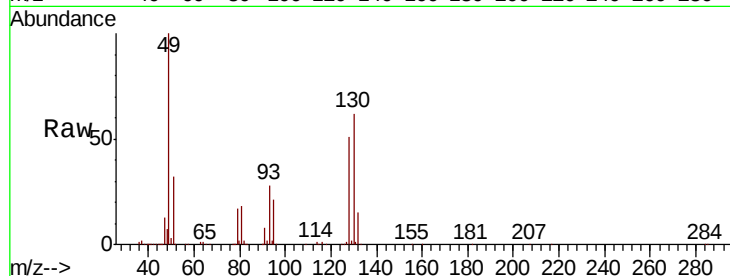
49 100

128 52.2 26.3 78.8

130 66.6 33.9 101.7

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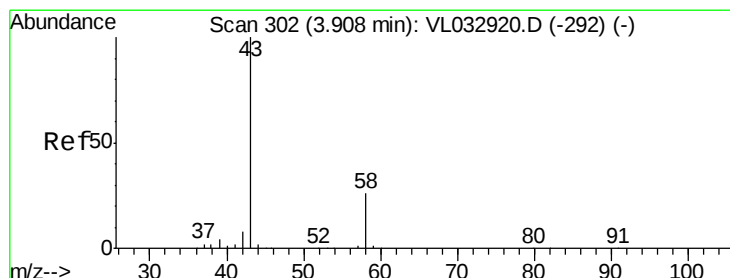
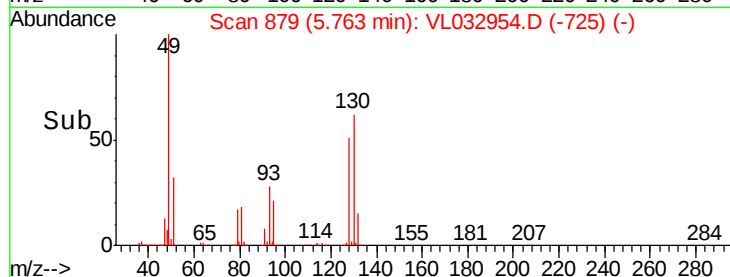
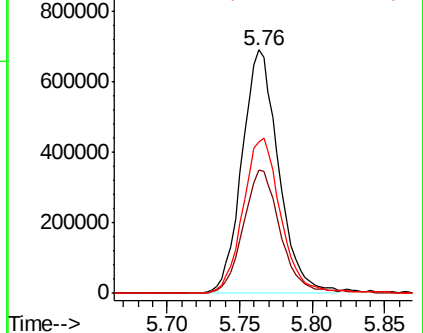
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.106 ppbv m

RT: 3.94 min Scan# 311

Delta R.T. 0.03 min

Lab File: VL032954.D

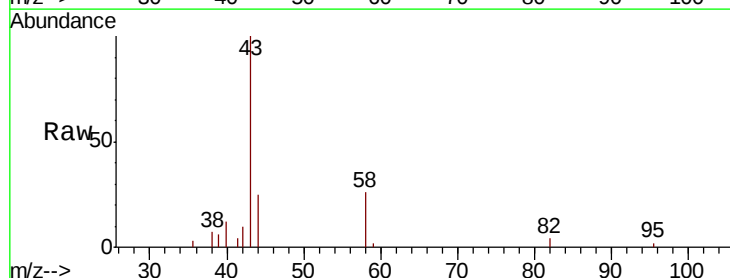
Acq: 11 Dec 2018 14:41

Tgt Ion: 43 Resp: 10992

Ion Ratio Lower Upper

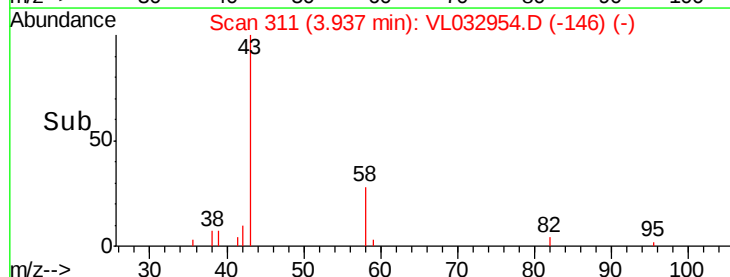
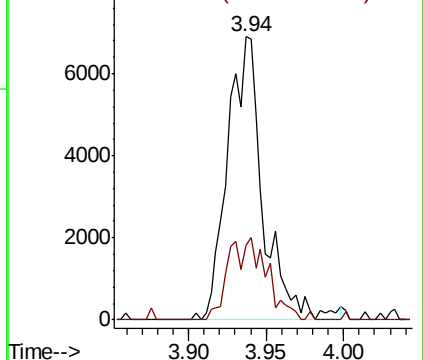
43 100

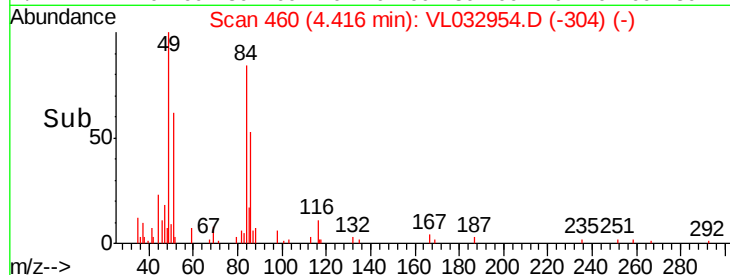
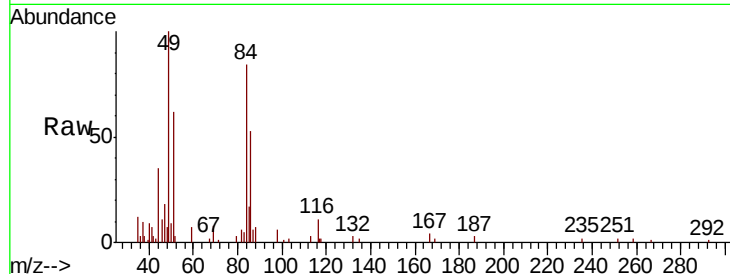
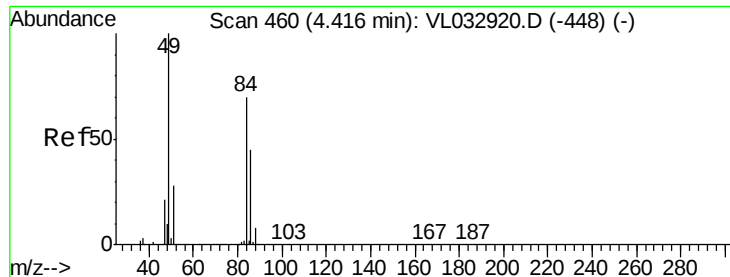
58 0.0 20.6 30.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





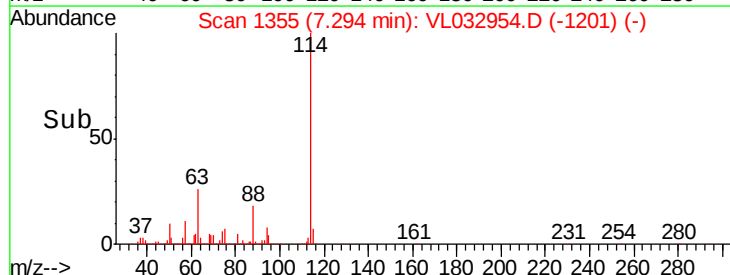
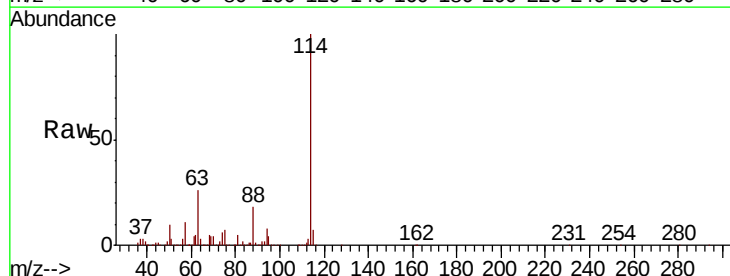
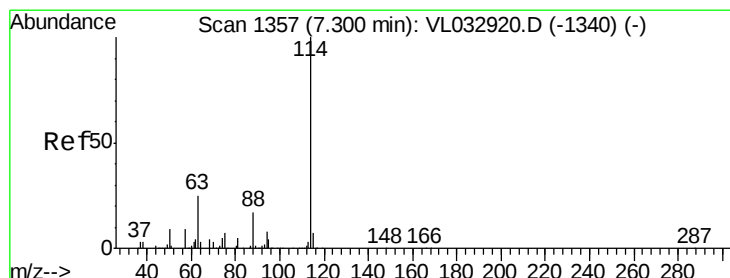
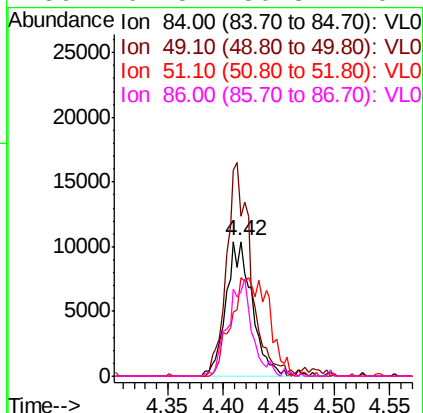
#20
Methvlene Chloride
Concen: 0.340 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL032954.D
Acq: 11 Dec 2018 14:41

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	118.6	113.8	170.8	
51	73.0	31.8	47.8	
86	62.8	50.8	76.2	

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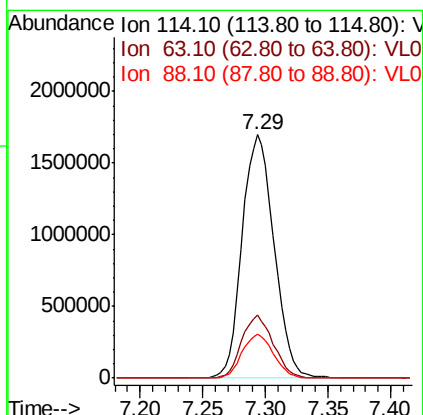
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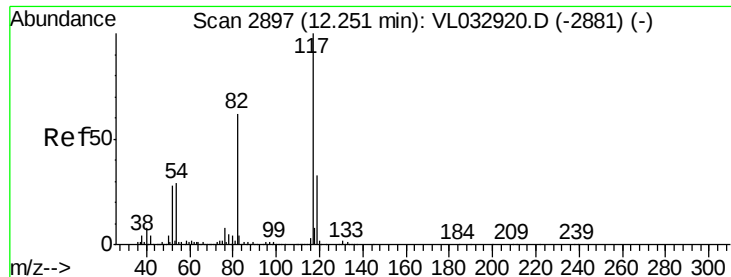
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032954.D
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Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	25.6	20.1	30.1	
88	17.8	14.2	21.4	





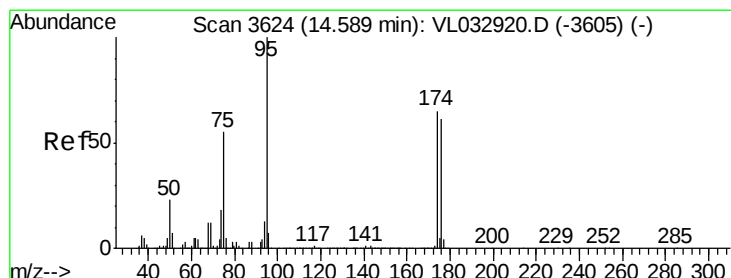
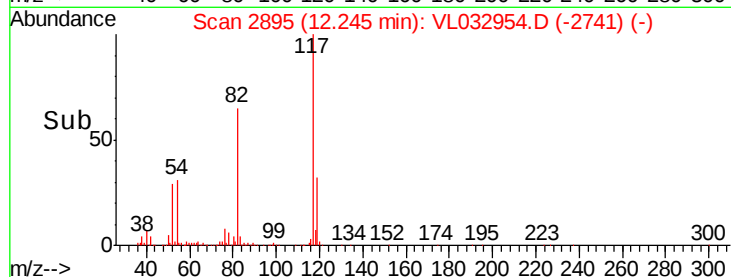
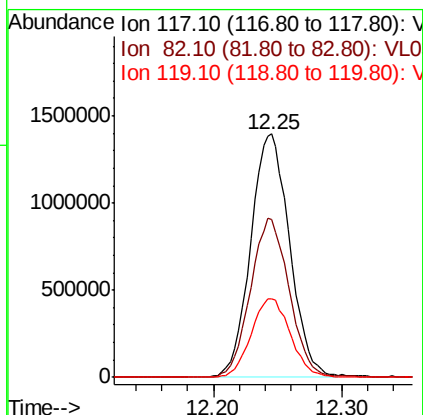
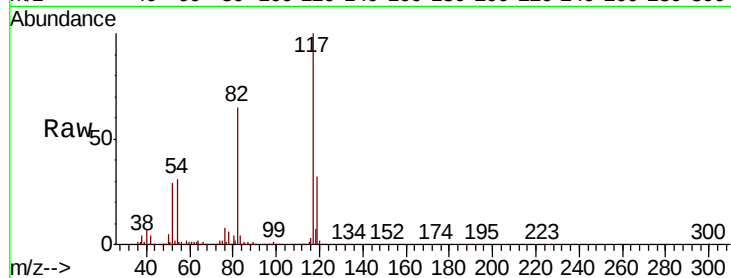
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032954.D
Acq: 11 Dec 2018 14:41

Instrument :
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ClientSampleId :
VL1211ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.0	47.8	71.8
119	32.8	43.1	64.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.917 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032954.D
Acq: 11 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.4	77.0
175	4.7	3.8	5.6

