

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101419\
 Data File : VL034279.D
 Acq On : 14 Oct 2019 12:38
 Operator : SY/AP
 Sample : VL1014ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABL01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:59:13 AM

Quant Time: Oct 15 07:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1079667	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1860855	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1841903	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1614282	10.09	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%
Target Compounds						Ovalue
15) Acetone	3.87	43	28360	0.196	ppbv	# 87
20) Methylene Chloride	4.35	84	10117m	0.242	ppbv	

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

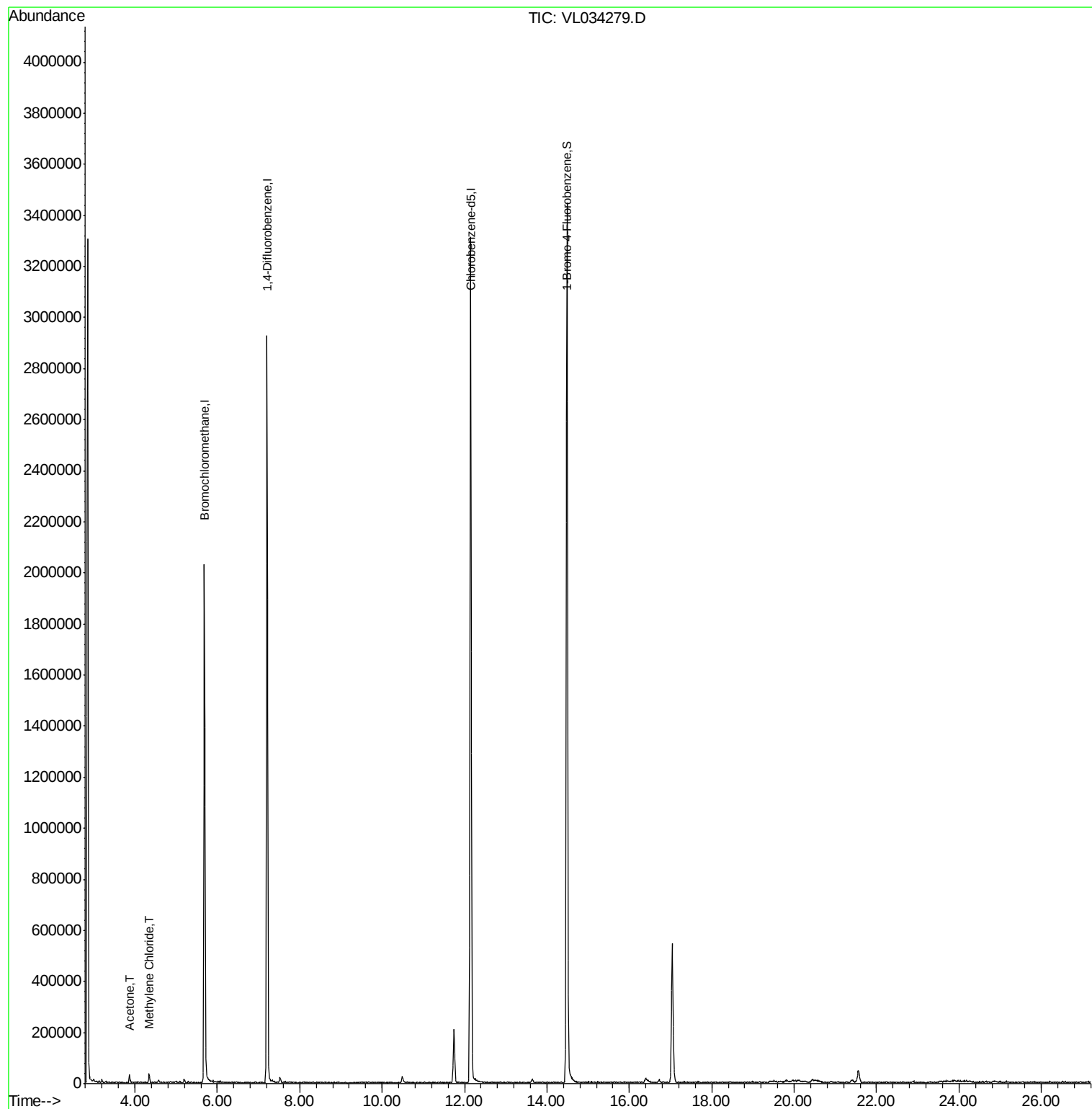
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101419\
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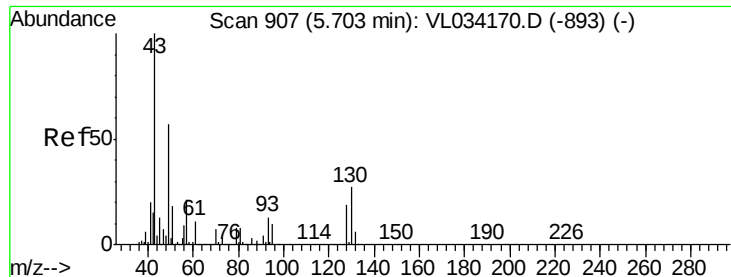
Instrument :
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Quant Time: Oct 15 07:04:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

Lab File: VL034279.D

Acq: 14 Oct 2019 12:38

Instrument :

MSVOA_L

ClientSampleId :

VL1014ABL01

Tot Ion: 49 Resp: 1079667

Ion Ratio Lower Upper

49 100

128 36.4 17.6 52.9

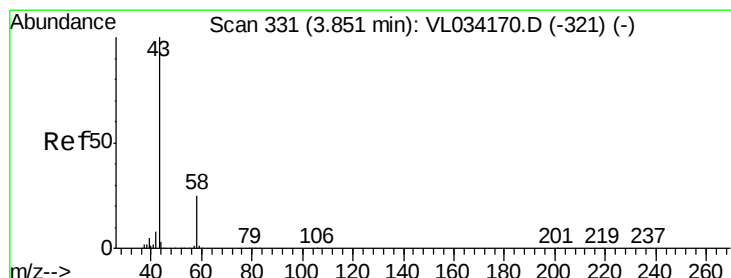
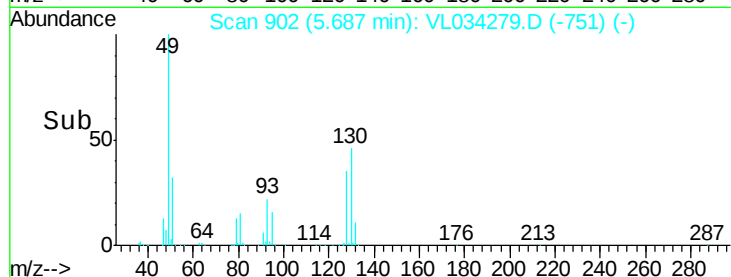
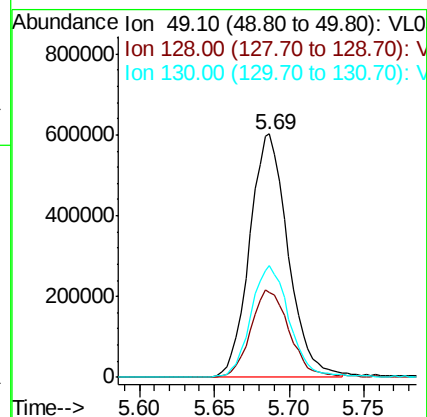
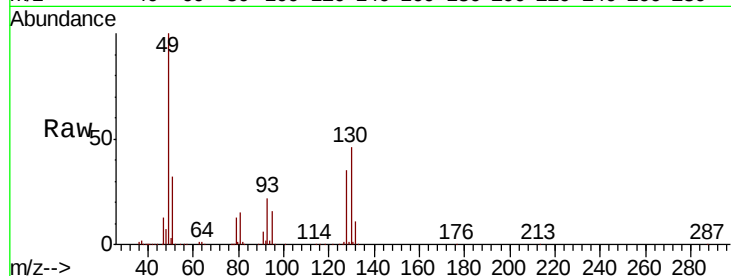
130 46.3 22.3 66.9

Manual Integrations

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#15

Acetone

Concen: 0.196 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL034279.D

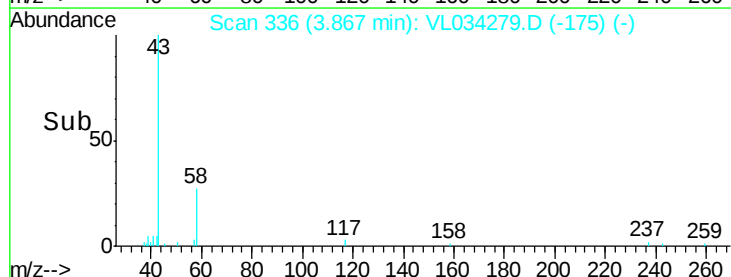
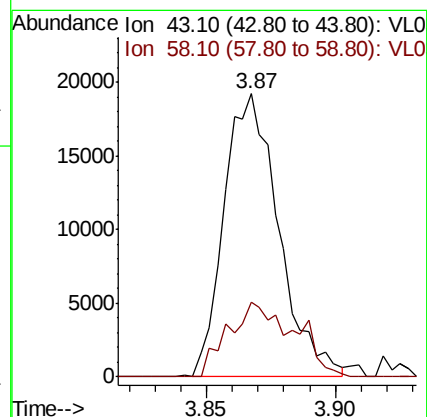
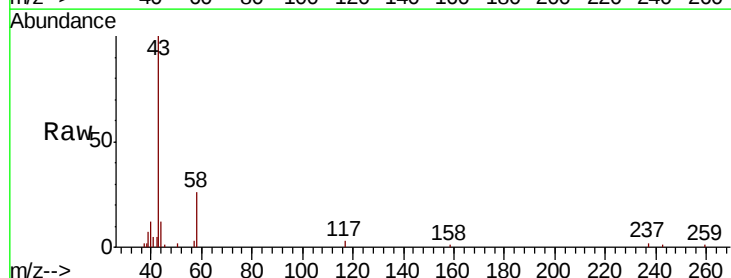
Acq: 14 Oct 2019 12:38

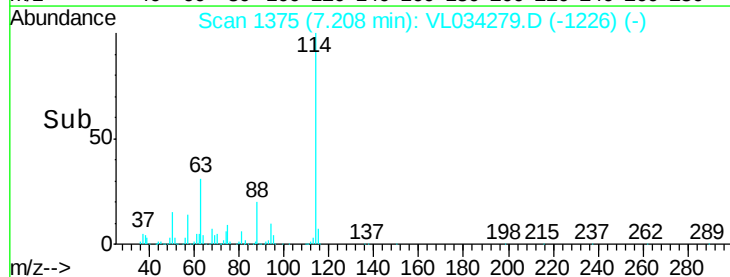
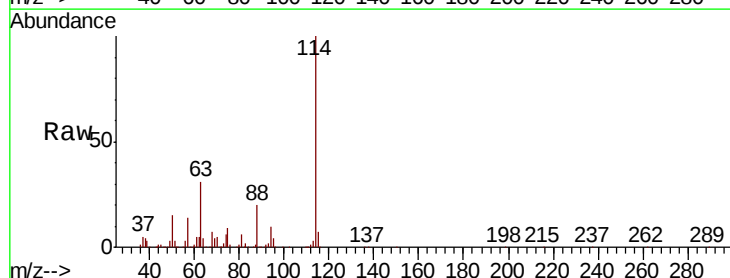
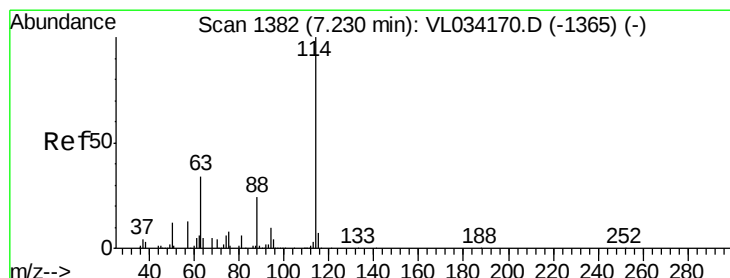
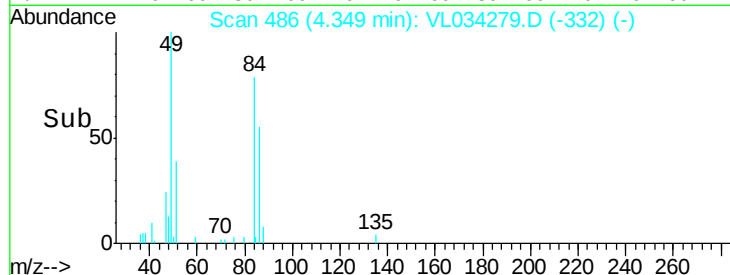
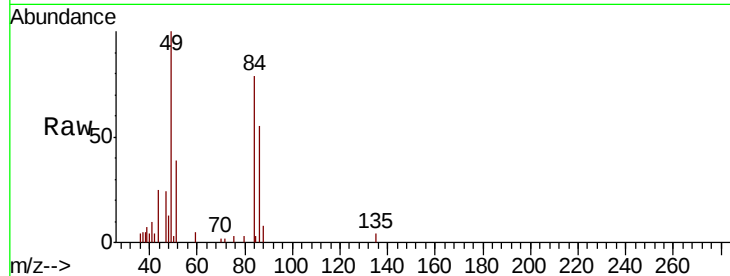
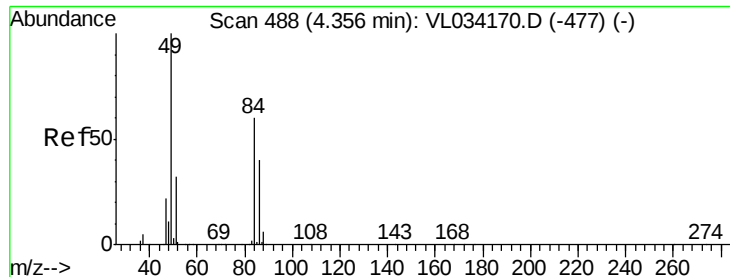
Tgt Ion: 43 Resp: 28360

Ion Ratio Lower Upper

43 100

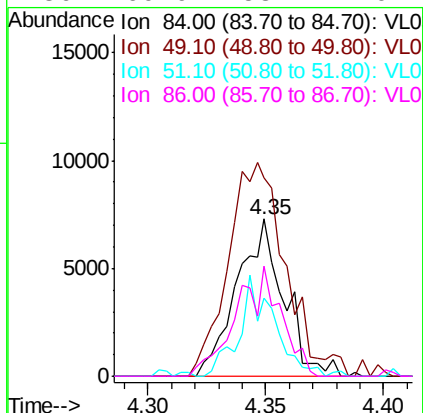
58 32.2 20.5 30.7#





#20
Methvlene Chloride
Concen: 0.242 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034279.D
Acq: 14 Oct 2019 12:38

Tot Ion	Ratio	Lower	Upper
84	100		
49	126.0	133.8	200.8#
51	49.6	43.6	65.4
86	69.9	53.1	79.7



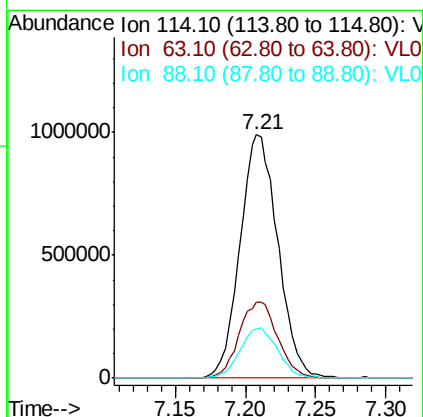
Instrument :
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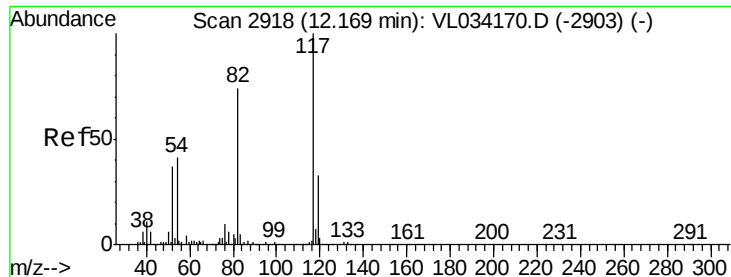
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VL034279.D
Acq: 14 Oct 2019 12:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	32.2	27.8	41.6
88	20.5	17.1	25.7





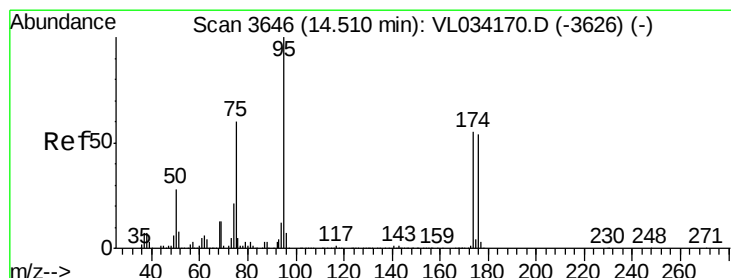
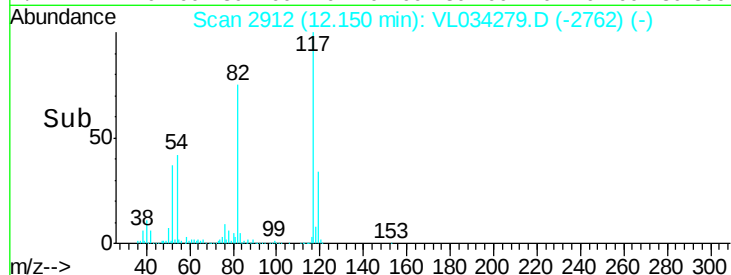
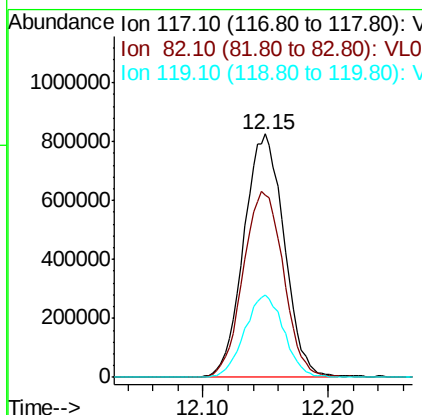
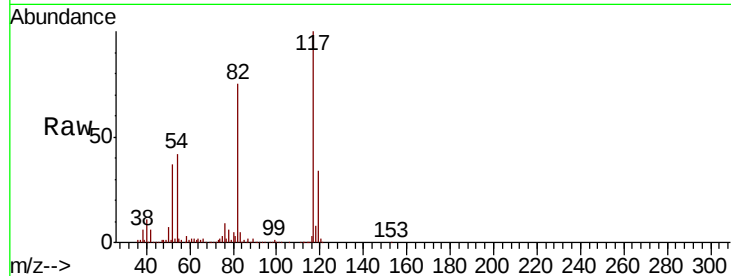
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034279.D
Acq: 14 Oct 2019 12:38

Instrument :
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Tot Ion	Ion	Ratio	Lower	Upper
117	100			
82	77.2	58.2	87.4	
119	33.1	23.7	35.5	

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.086 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. -0.03 min
Lab File: VL034279.D
Acq: 14 Oct 2019 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	56.4	45.1	67.7	
175	4.1	3.3	4.9	

