

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081321\
 Data File : VL037443.D
 Acq On : 13 Aug 2021 11:19
 Operator : SY/AP
 Sample : VL0813ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0813ABL01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:03:53 PM

Quant Time: Aug 13 12:23:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 13 12:23:42 2021
 QLast Update : Thu Aug 12 15:26:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1282872	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3916224	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3255053	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2376447	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	36197m	0.266	ppbv	
20) Methylene Chloride	4.34	84	8334m	0.116	ppbv	

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

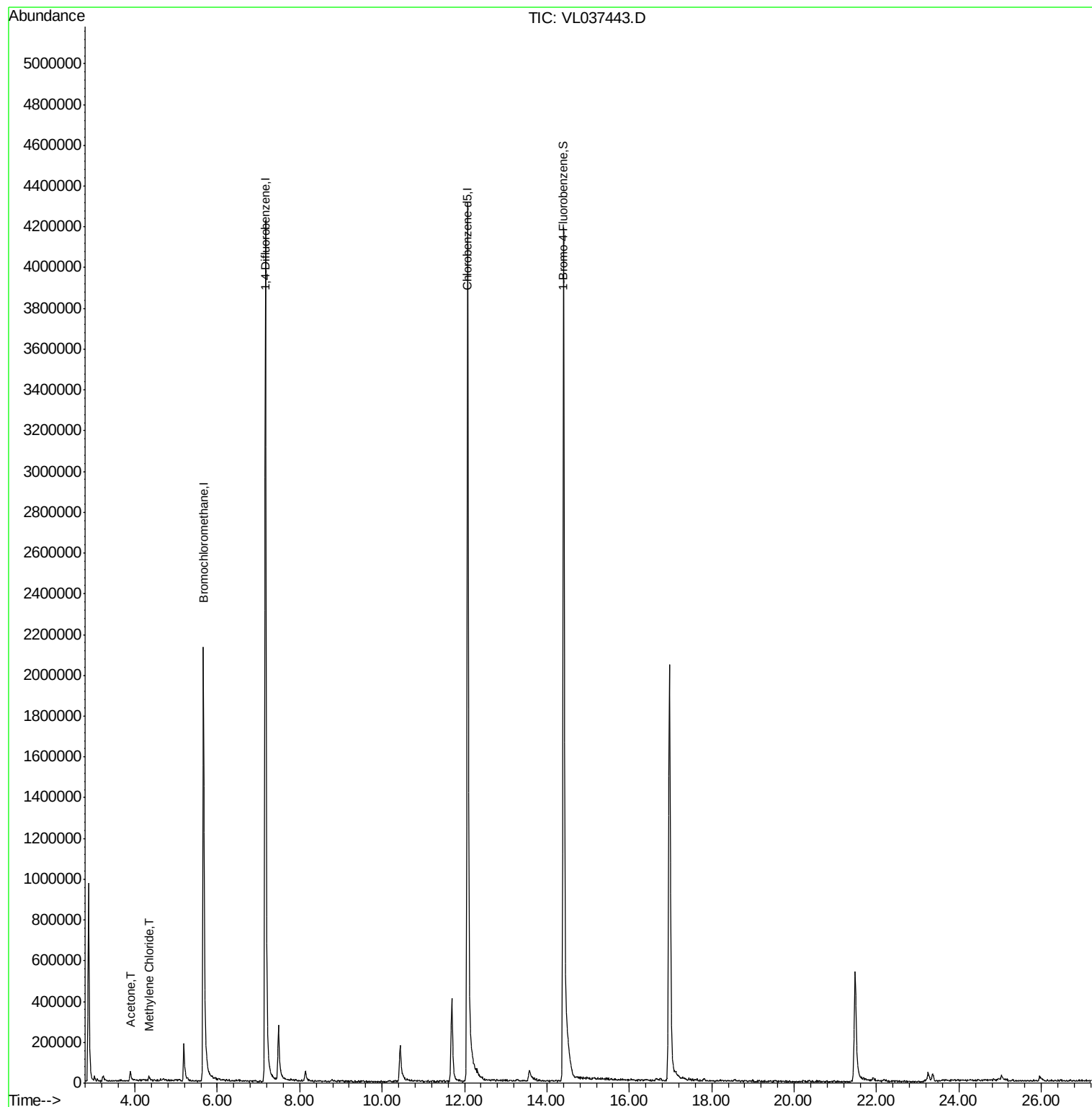
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Data File : VL037443.D
Acq On : 13 Aug 2021 11:19
Operator : SY/AP
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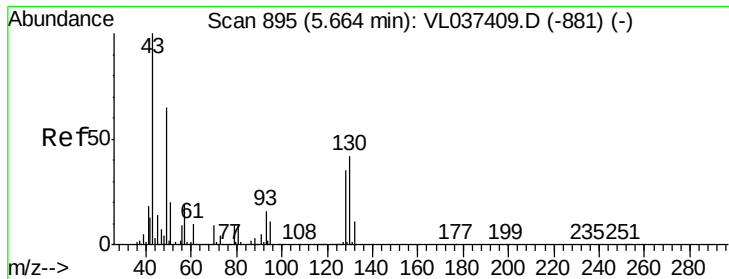
Instrument :
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Quant Time: Aug 13 12:23:42 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug
QLast Update : Thu Aug 12 15:26:13 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL037443.D

Acq: 13 Aug 2021 11:19

Instrument :

MSVOA_L

ClientSampleId :

VL0813ABL01

Tot Ion: 49 Resp: 1282872

Ion Ratio Lower Upper

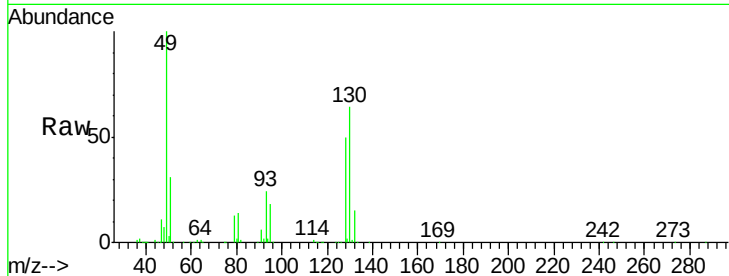
49 100

128 53.6 27.9 83.6

130 70.8 34.6 103.8

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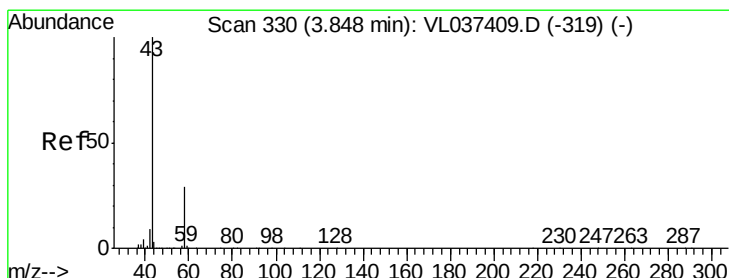
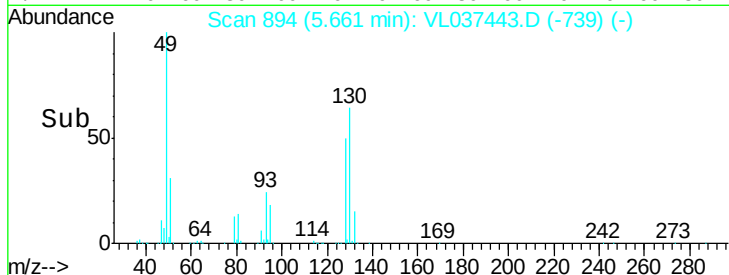
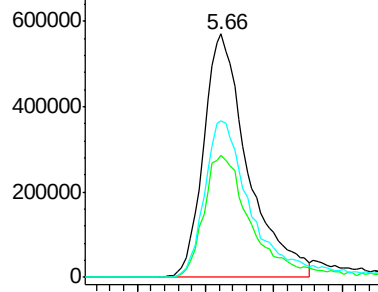
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.266 ppbv m

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL037443.D

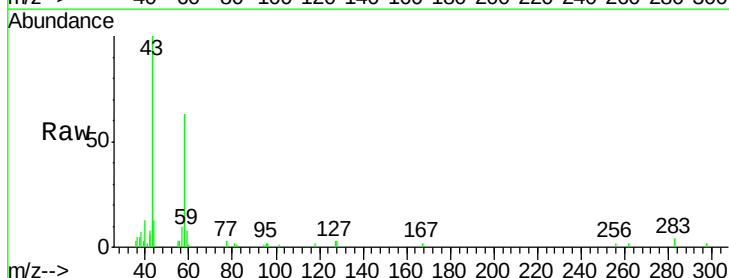
Acq: 13 Aug 2021 11:19

Tgt Ion: 43 Resp: 36197

Ion Ratio Lower Upper

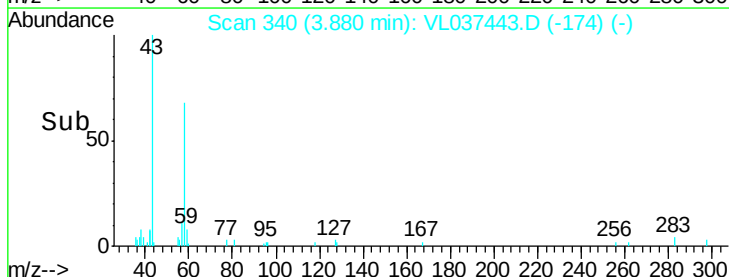
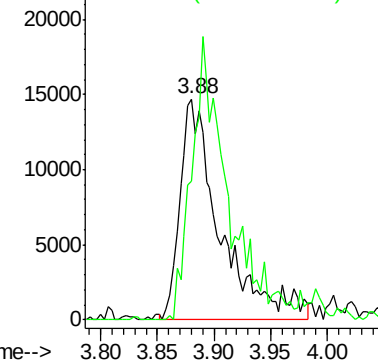
43 100

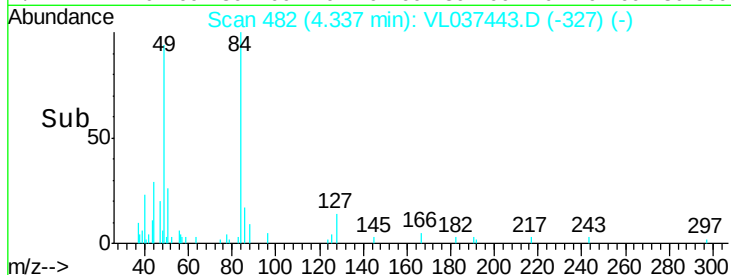
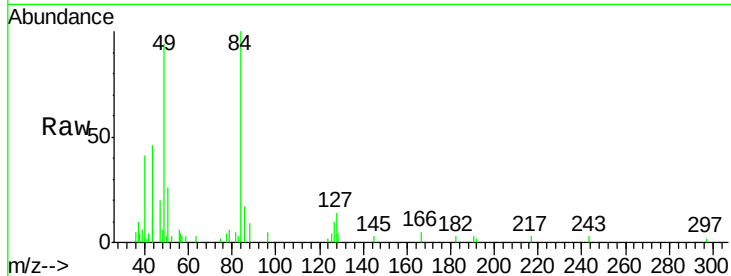
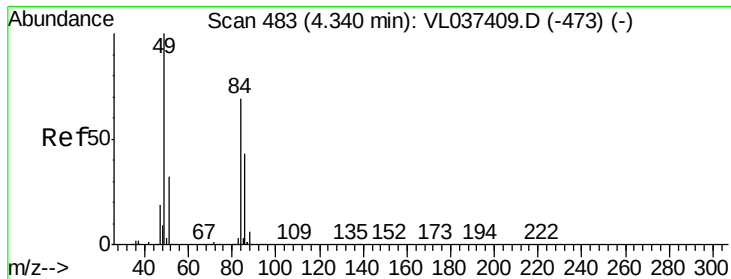
58 0.0 24.4 36.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





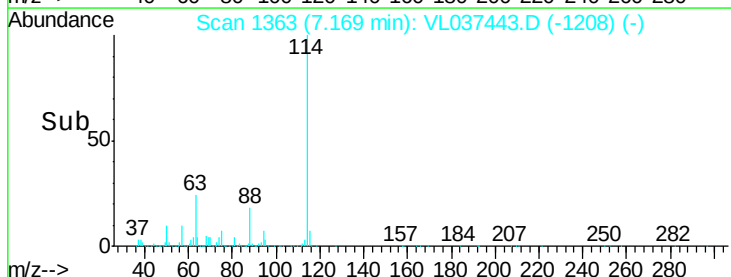
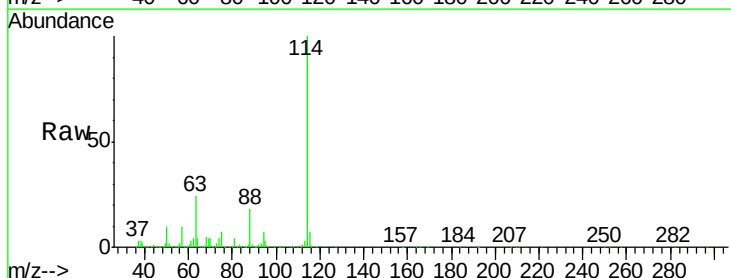
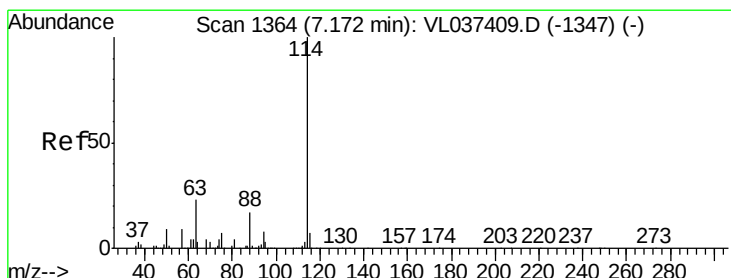
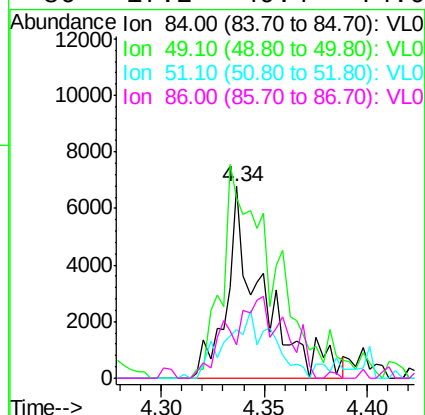
#20
Methylene Chloride
Concen: 0.116 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL037443.D
Acq: 13 Aug 2021 11:19

Tot Ion	84	Resp	8334
Ion	Ratio	Lower	Upper
84	100		
49	94.5	116.0	174.0#
51	25.5	37.1	55.7#
86	17.2	49.4	74.0#

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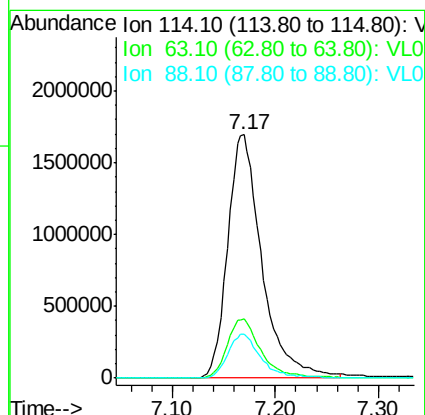
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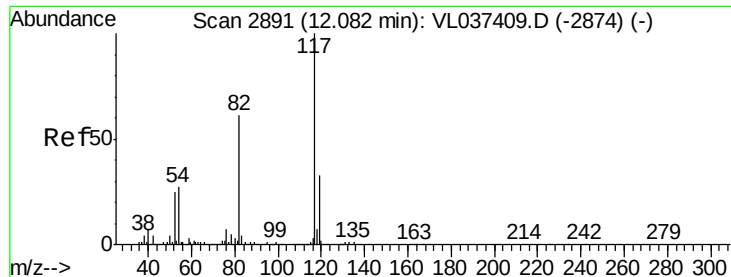
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL037443.D
Acq: 13 Aug 2021 11:19

Tgt Ion	114	Resp	3916224
Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.4	29.2
88	17.8	14.2	21.4





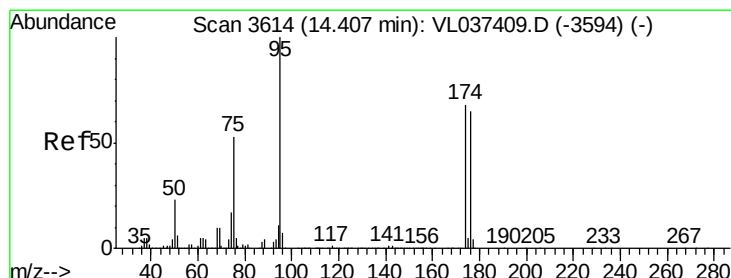
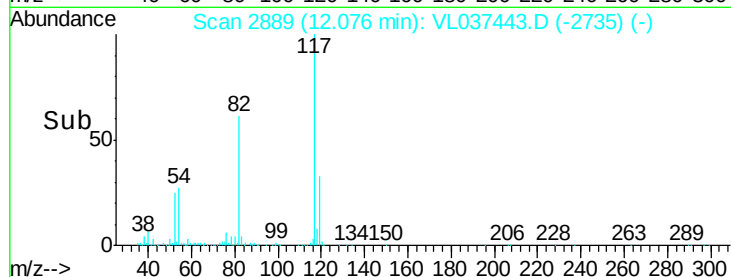
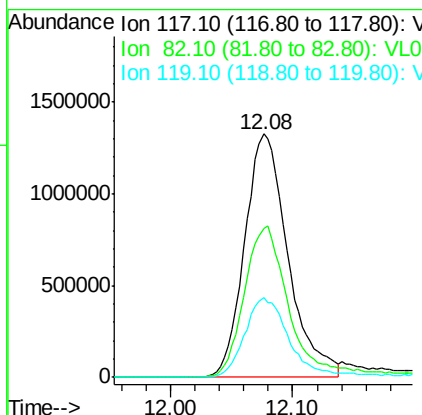
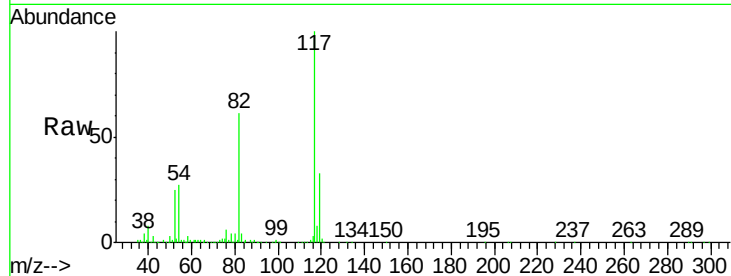
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL037443.D
Acq: 13 Aug 2021 11:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	66.0	53.1	79.7
119	34.6	28.0	42.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.178 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL037443.D
Acq: 13 Aug 2021 11:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	59.6	89.4
175	6.1	4.3	6.5

