

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037785.D
 Acq On : 5 Oct 2021 22:31
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:33 PM

Quant Time: Oct 06 06:20:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1271631	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3668756	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3037041	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2138435	10.07	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.86	43	20238m	0.177	ppbv	
20) Methylene Chloride	4.32	84	12335m	0.214	ppbv	

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

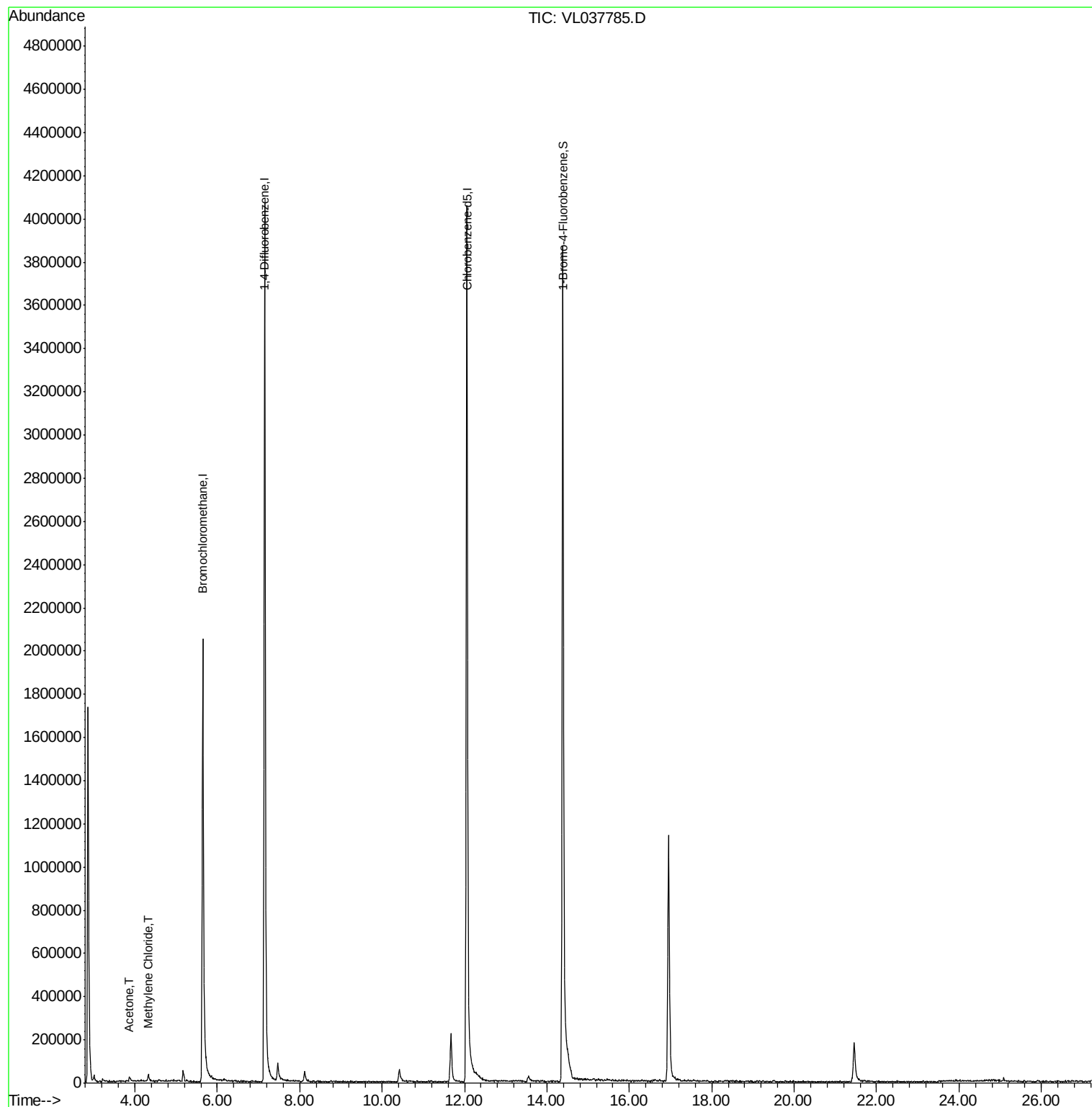
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037785.D
Acq On : 5 Oct 2021 22:31
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

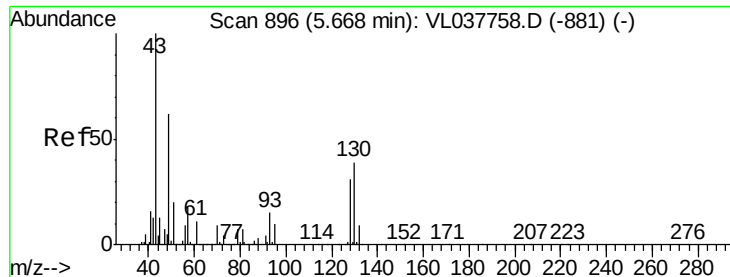
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Oct 06 06:20:44 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





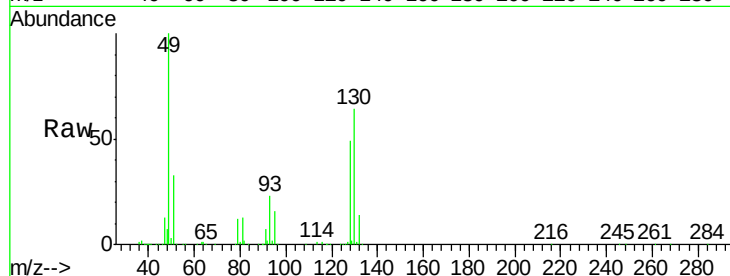
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.03 min
Lab File: VL037785.D
Acq: 5 Oct 2021 22:31

Instrument :
MSVOA_L
ClientSampled :
VIBLK

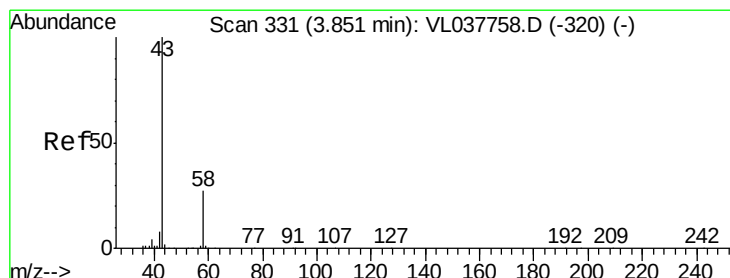
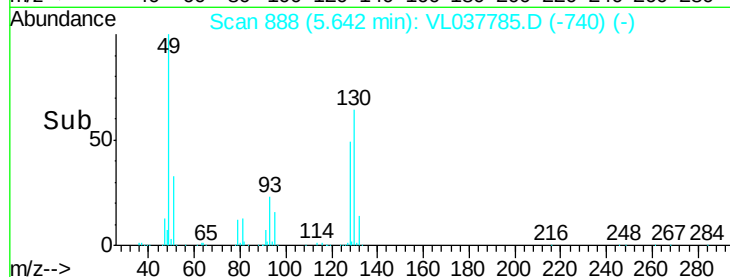
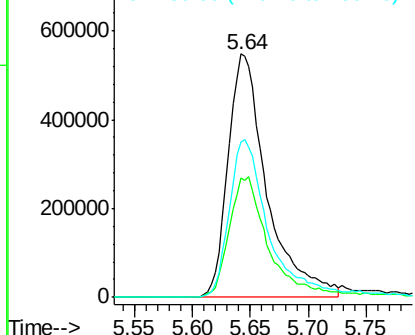
Tgt Ion: 49 Resp: 1271631
Ion Ratio Lower Upper
49 100
128 51.6 27.1 81.3
130 68.2 33.2 99.6

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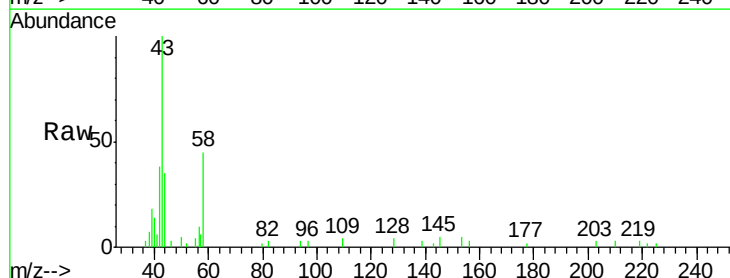


Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V

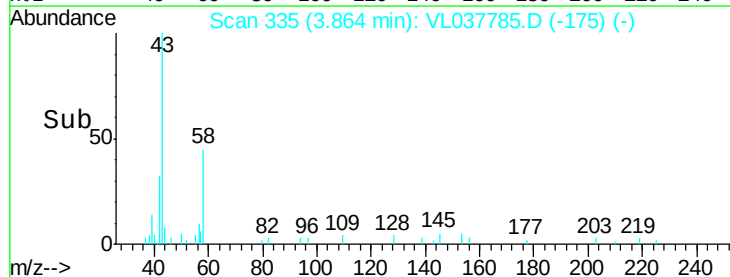
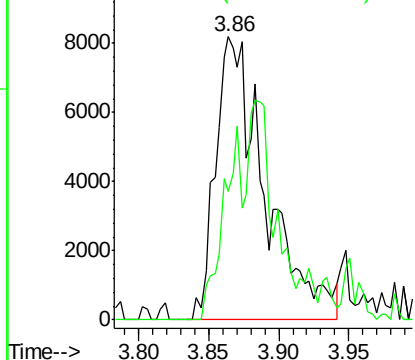


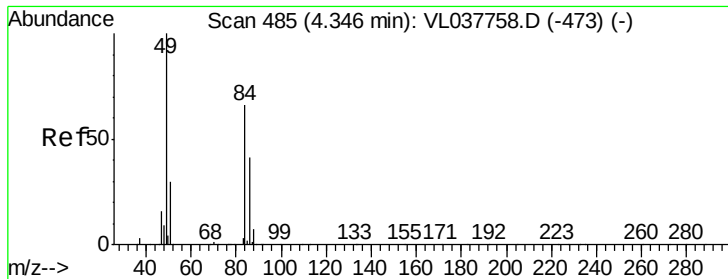
#15
Acetone
Concen: 0.177 ppbv m
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL037785.D
Acq: 5 Oct 2021 22:31

Tgt Ion: 43 Resp: 20238
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





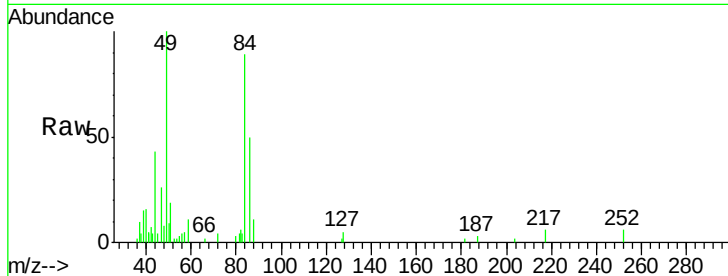
#20
Methylene Chloride
Concen: 0.214 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.03 min
Lab File: VL037785.D
Acq: 5 Oct 2021 22:31

Instrument :
MSVOA_L
ClientSampled :
VIBLK

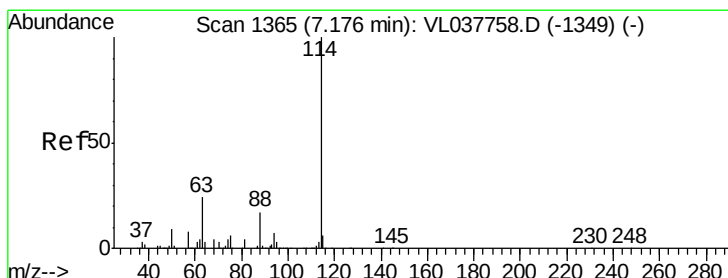
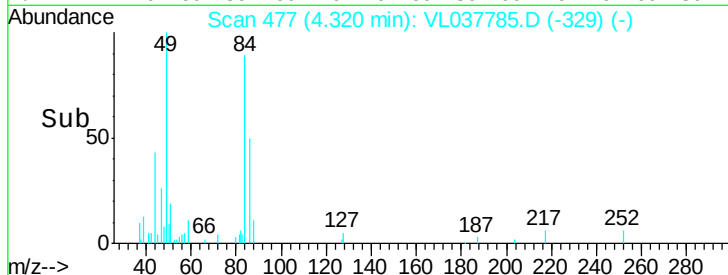
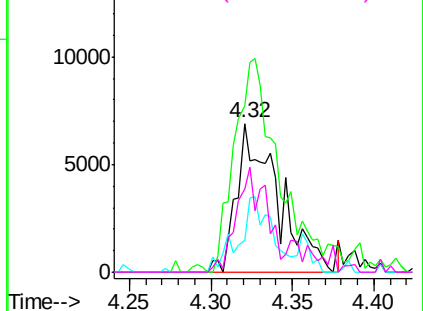
Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	120.7	181.1#
51	21.1	36.2	54.4#
86	55.9	49.6	74.4

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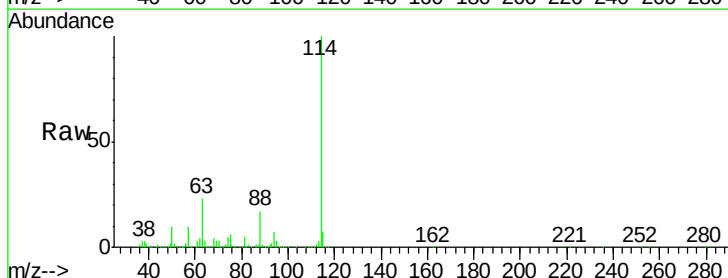


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

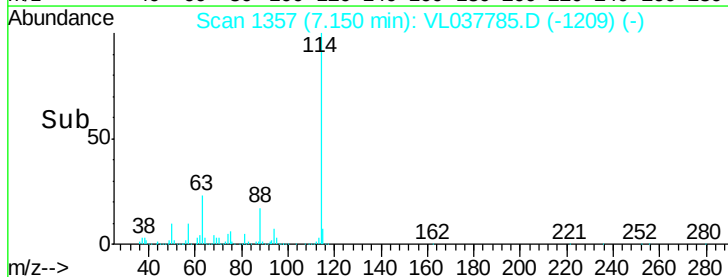
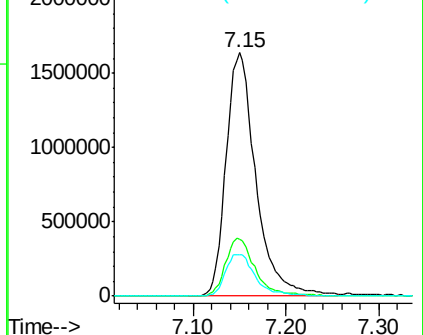


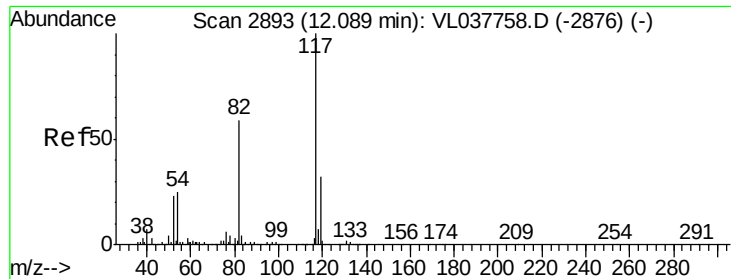
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL037785.D
Acq: 5 Oct 2021 22:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	19.4	29.2
88	17.8	14.4	21.6



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





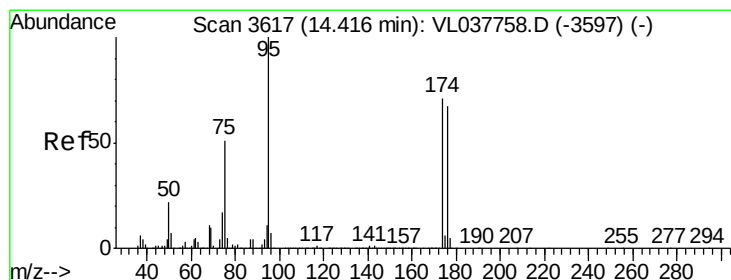
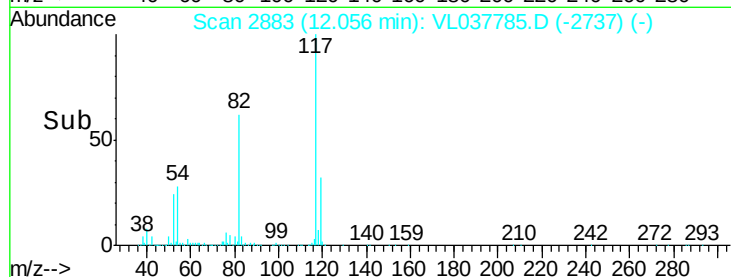
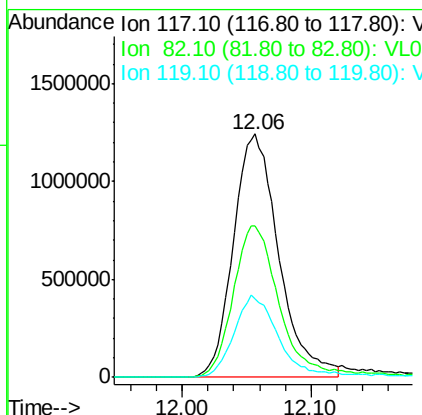
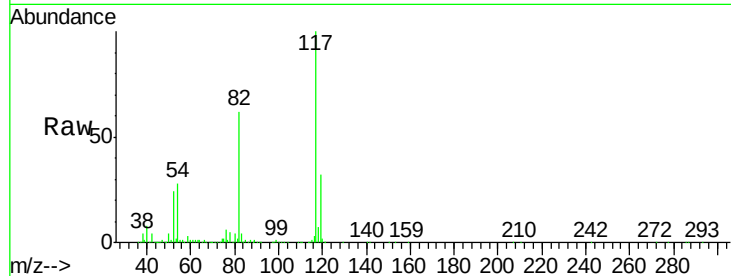
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.03 min
Lab File: VL037785.D
Acq: 5 Oct 2021 22:31

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Tgt Ion: 117 Resp: 3037041
Ion Ratio Lower Upper
117 100
82 65.0 52.2 78.2
119 34.2 26.0 39.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.069 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.03 min
Lab File: VL037785.D
Acq: 5 Oct 2021 22:31

Tgt Ion: 95 Resp: 2138435
Ion Ratio Lower Upper
95 100
174 74.9 57.8 86.6
175 5.4 4.7 7.1

