

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036456.D
 Acq On : 19 Mar 2021 21:22
 Operator :
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 3/24/2021 6:14:48 PM

Quant Time: Mar 20 01:01:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1610164	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	3497411	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3229677	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2704921m	10.18	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	40405m	0.220	ppbv	
20) Methylene Chloride	4.32	84	10213m	0.165	ppbv	

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

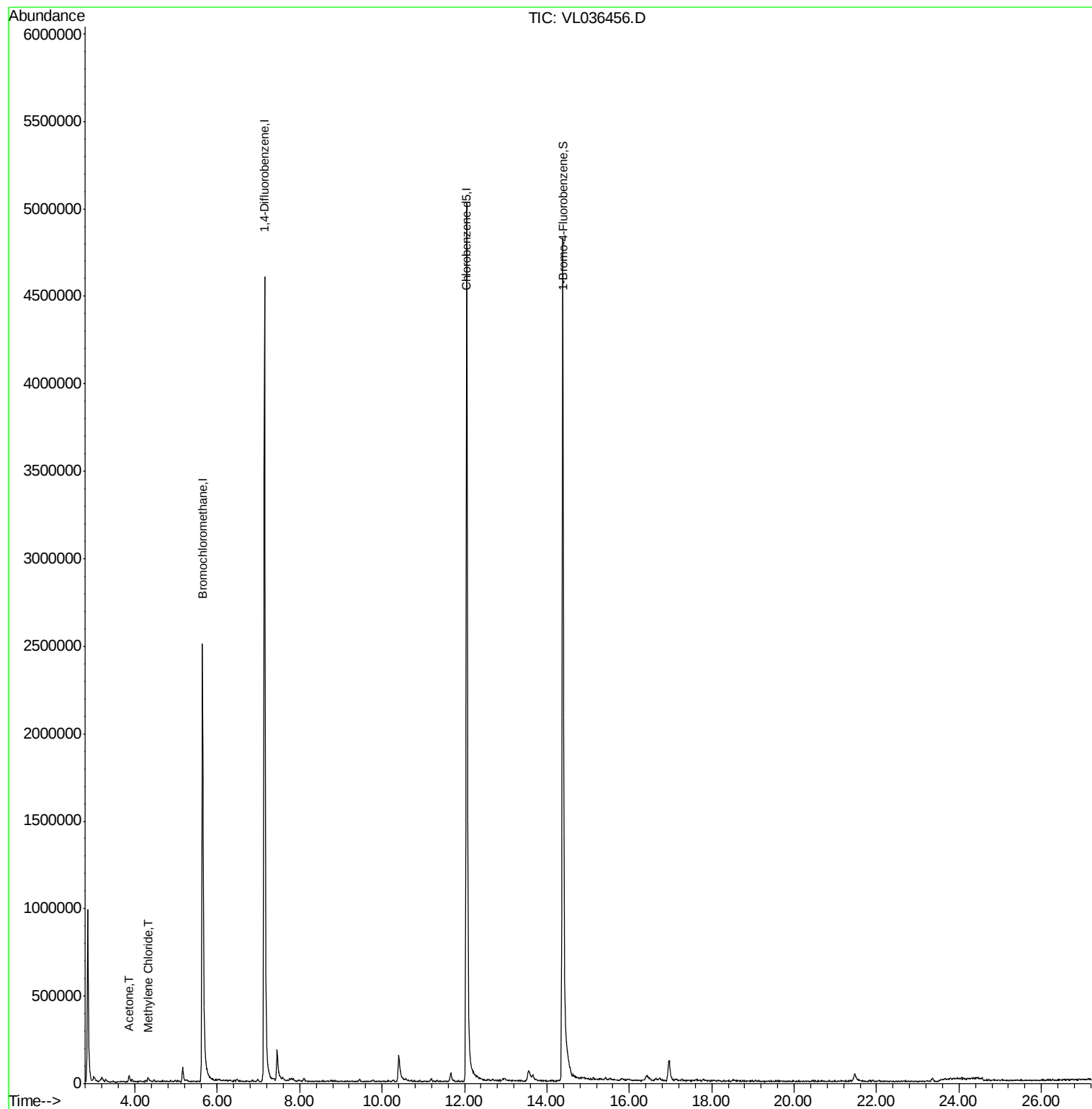
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
Data File : VL036456.D
Acq On : 19 Mar 2021 21:22
Operator :
Sample : VIBLK
Misc : 400ml/MSVOA L
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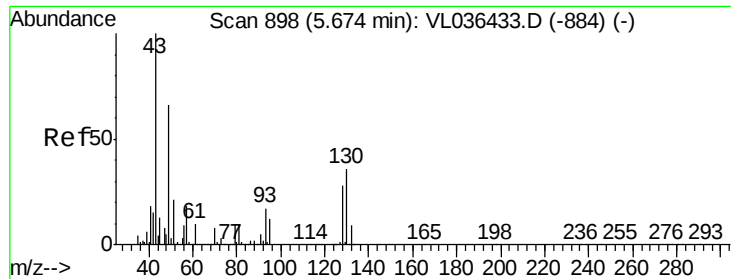
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
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QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration





#1

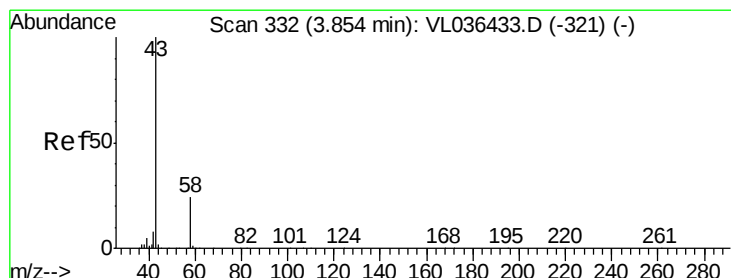
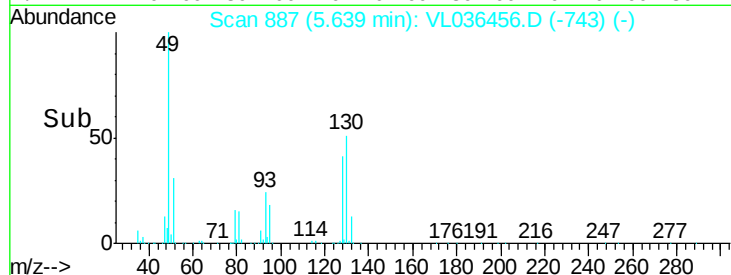
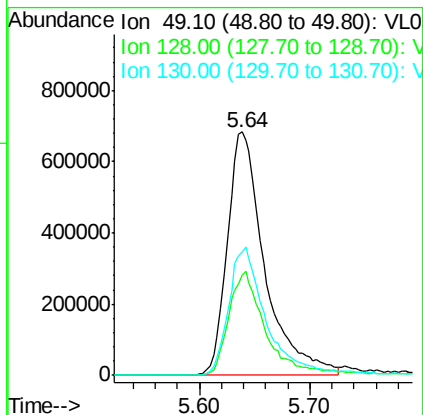
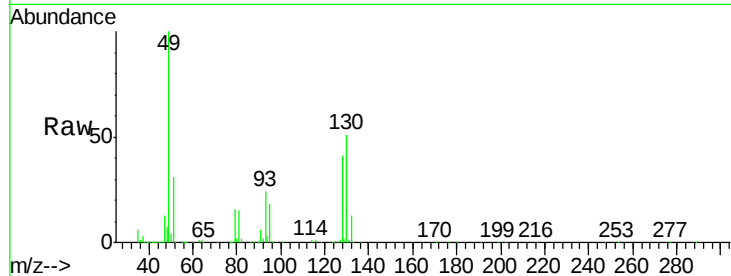
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.04 min
Lab File: VL036456.D
Acq: 19 Mar 2021 21:22

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion: 49 Resp: 1610164
Ion Ratio Lower Upper
49 100
128 43.0 22.4 67.2
130 54.3 28.0 84.0

Manual Integrations
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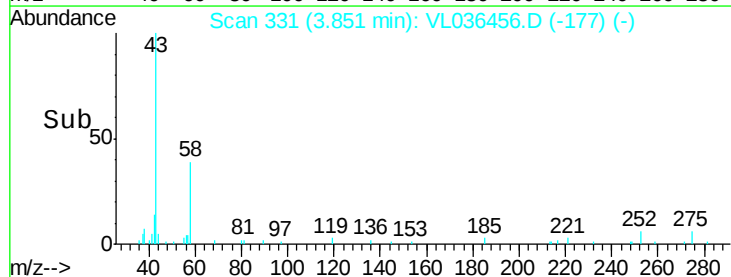
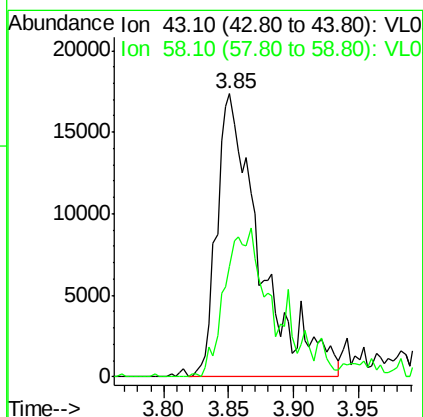
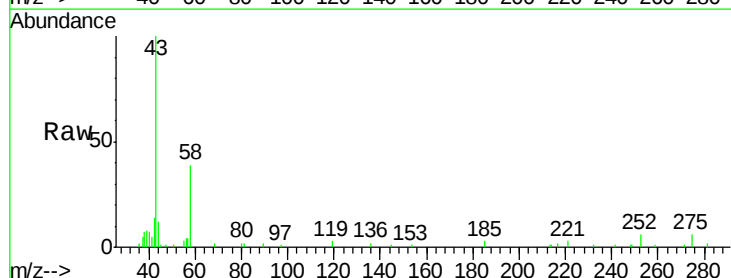
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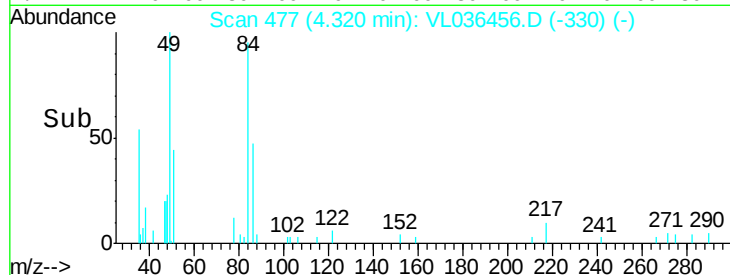
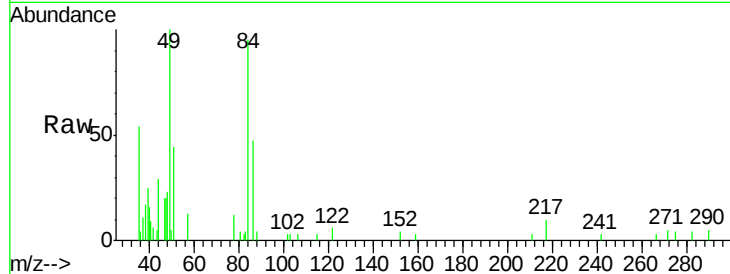
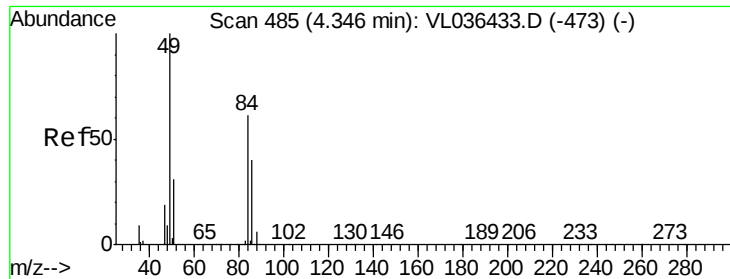


#15

Acetone
Concen: 0.220 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL036456.D
Acq: 19 Mar 2021 21:22

Tgt Ion: 43 Resp: 40405
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#





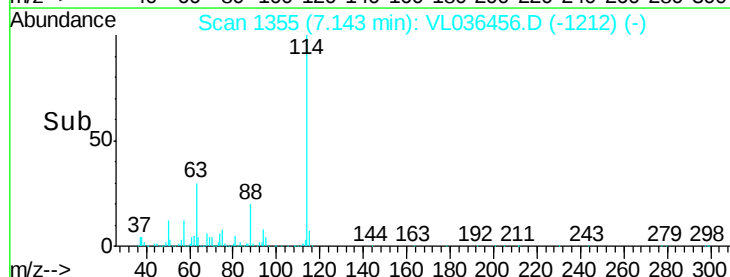
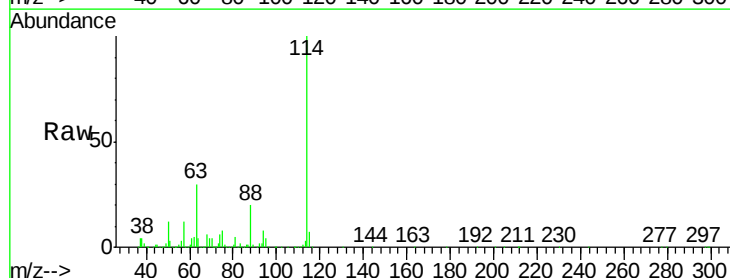
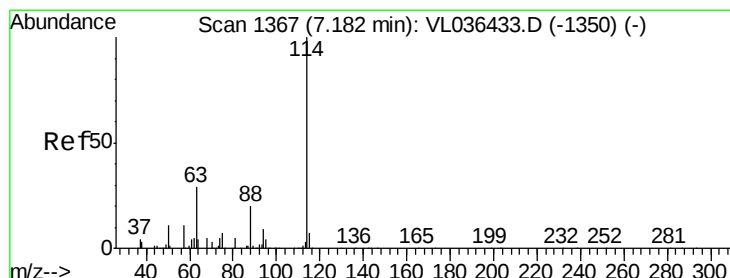
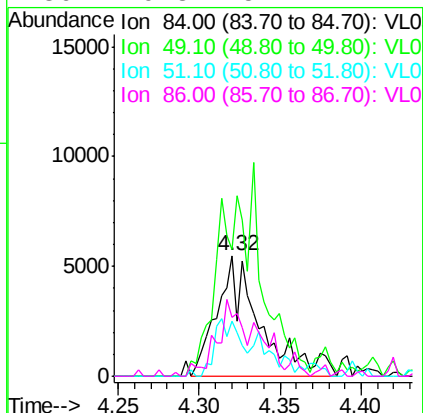
#20
Methylene Chloride
Concen: 0.165 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.03 min
Lab File: VL036456.D
Acq: 19 Mar 2021 21:22

Tot Ion	Ratio	Lower	Upper
84	100		
49	104.8	130.2	195.2#
51	45.9	40.5	60.7
86	49.3	51.4	77.2#

Instrument :
MSVOA_L
ClientSampled :
VIBLK

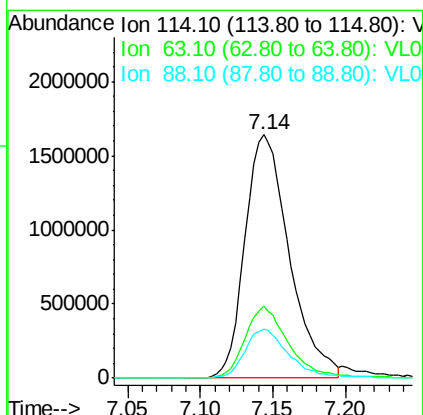
Manual Integrations
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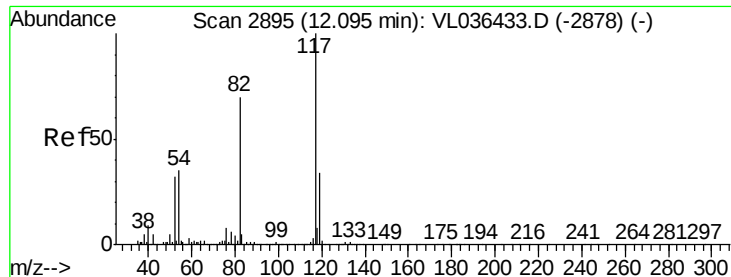
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL036456.D
Acq: 19 Mar 2021 21:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.5	23.3	34.9
88	20.3	15.6	23.4





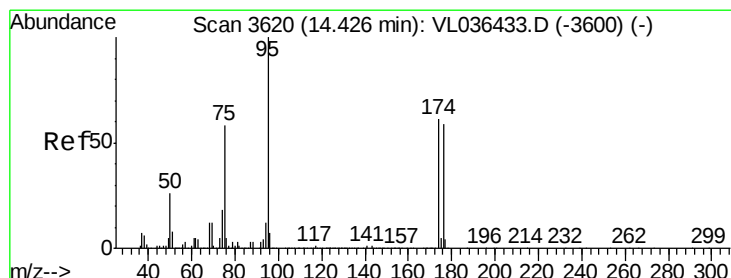
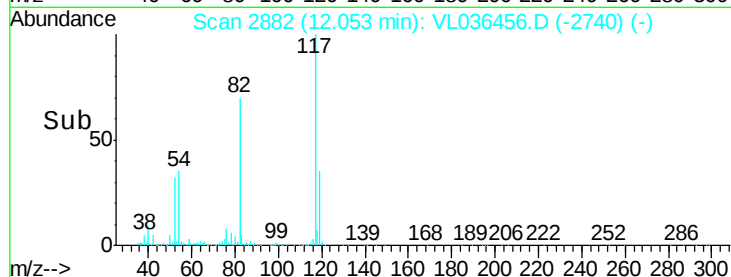
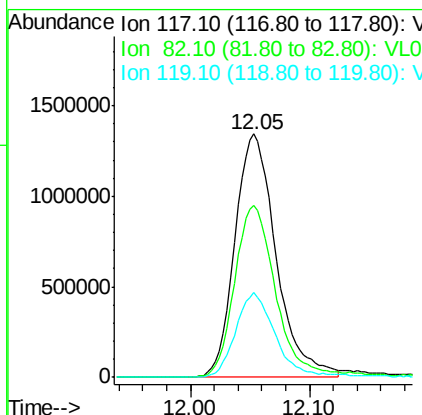
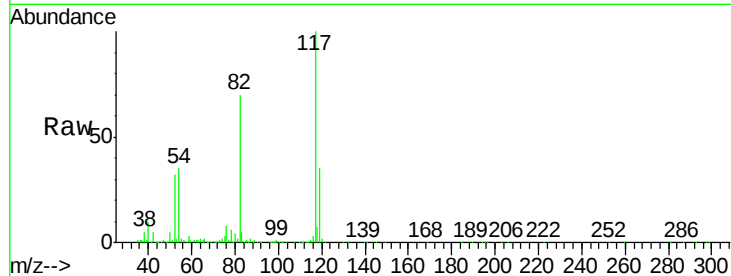
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL036456.D
Acq: 19 Mar 2021 21:22

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.0	56.5	84.7
119	34.6	27.0	40.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.184 ppbv m
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL036456.D
Acq: 19 Mar 2021 21:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	0.0	51.0	76.4#
175	4.5	3.8	5.6

