

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036155.D
Acq On : 11 Dec 2020 8:37
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:52:07 PM

Quant Time: Dec 11 12:13:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1311641	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2525227	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2263842	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1994673	11.10	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.00%

Target Compounds					Ovalue
15) Acetone	3.85	43	21689m	0.138	ppbv
20) Methylene Chloride	4.33	84	6292m	0.097	ppbv

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

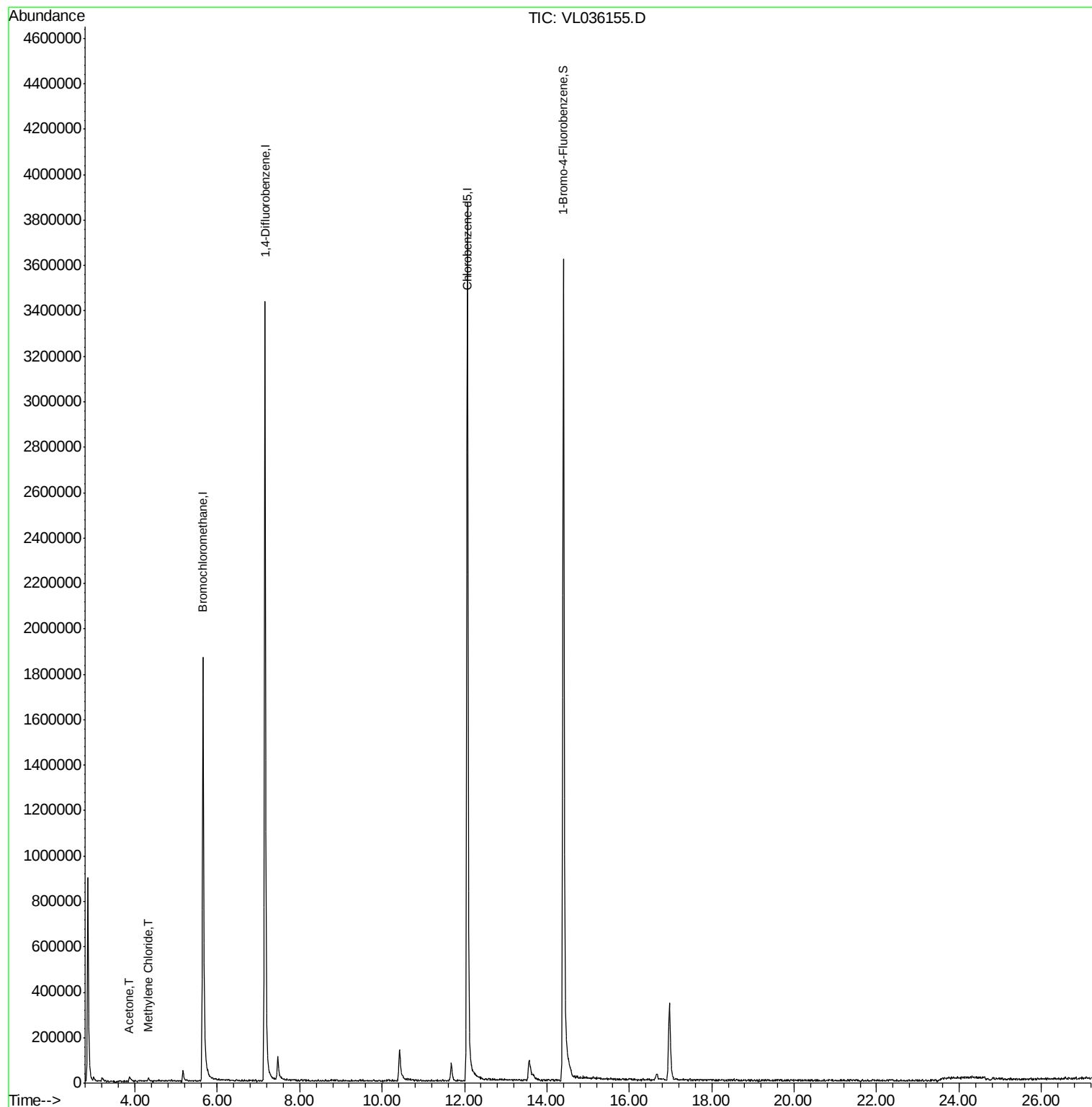
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036155.D
Acq On : 11 Dec 2020 8:37
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

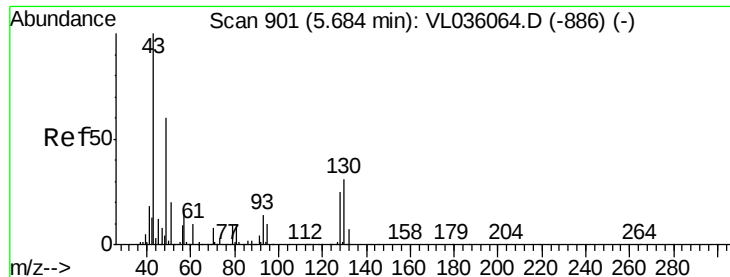
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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Quant Time: Dec 11 12:13:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL036155.D

Acq: 11 Dec 2020 8:37

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1311641

Ion Ratio Lower Upper

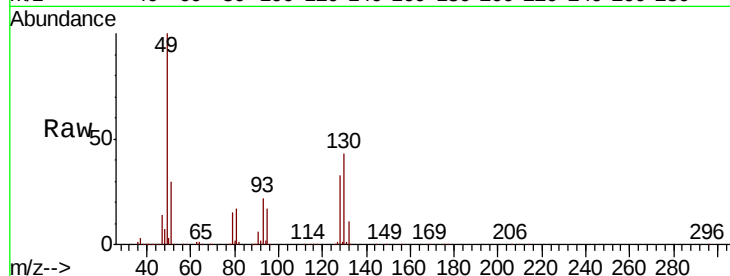
49 100

128 34.5 21.1 63.1

130 43.2 27.1 81.3

Manual Integrations
APPROVED

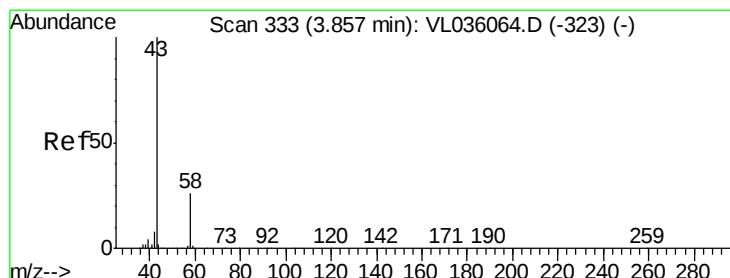
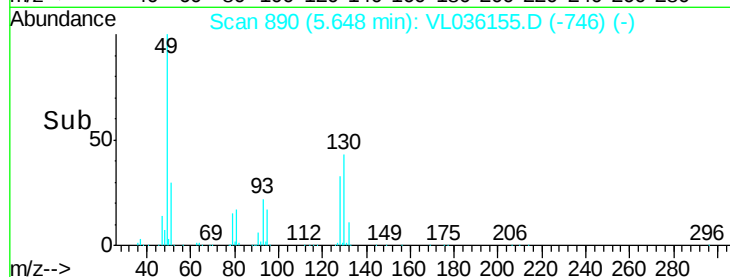
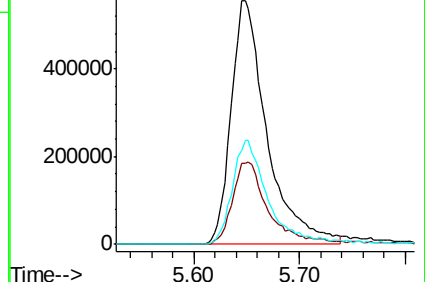
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.138 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL036155.D

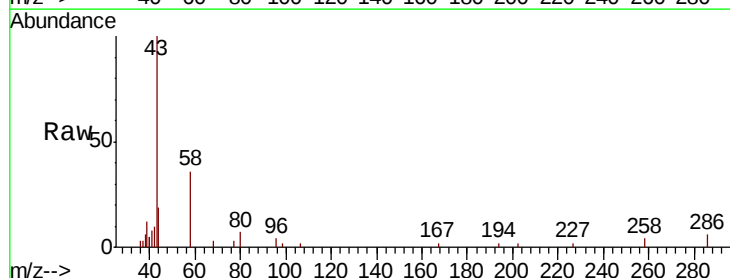
Acq: 11 Dec 2020 8:37

Tgt Ion: 43 Resp: 21689

Ion Ratio Lower Upper

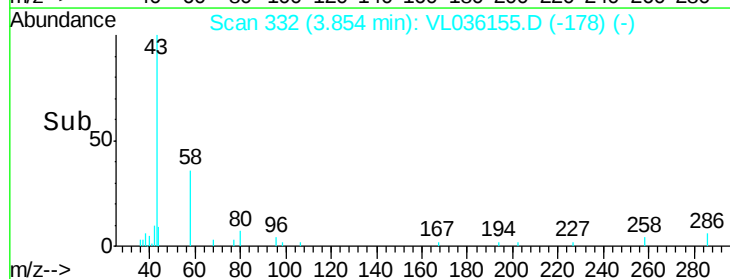
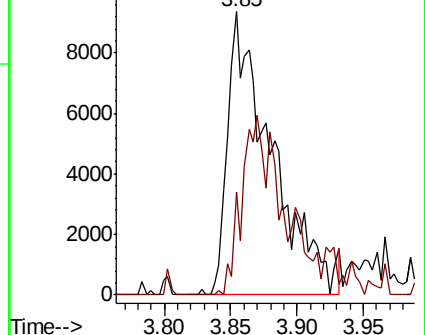
43 100

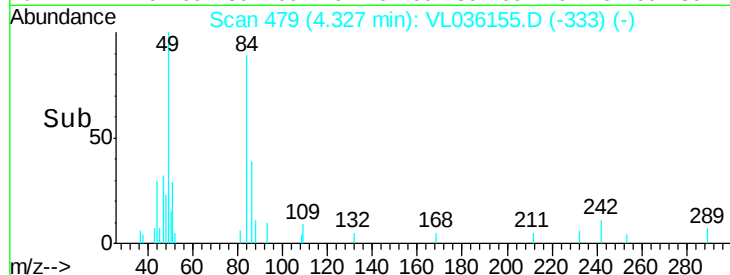
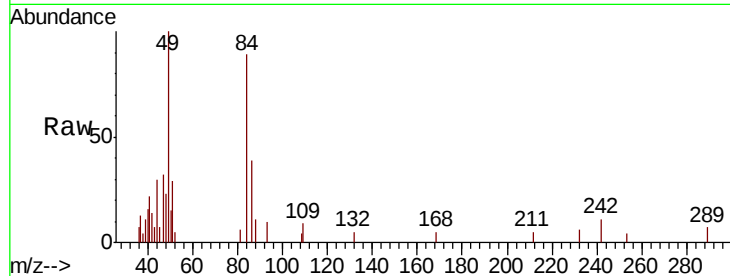
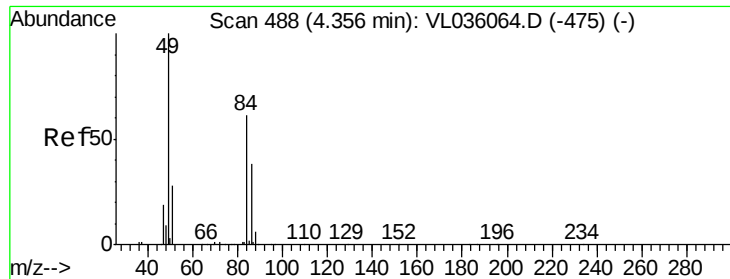
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





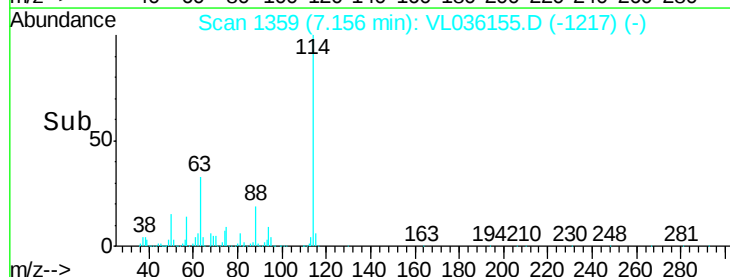
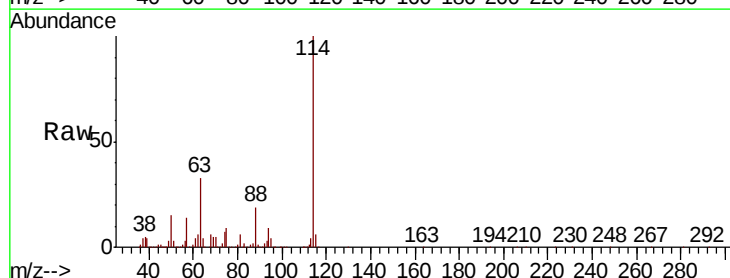
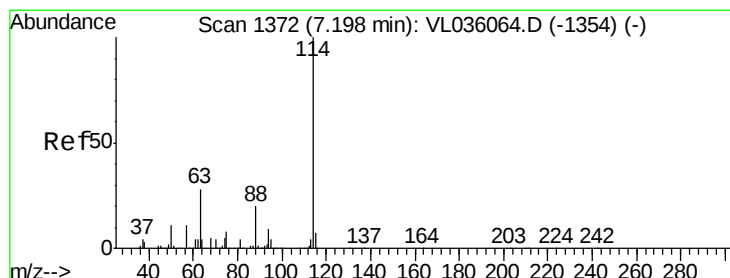
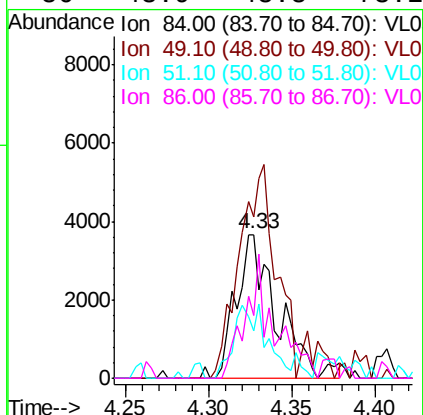
#20
Methvlene Chloride
Concen: 0.097 ppbv m
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL036155.D
Acq: 11 Dec 2020 8:37

Tot Ion	Ratio	Lower	Upper
84	100		
49	112.4	133.0	199.4#
51	32.6	38.9	58.3#
86	43.9	48.8	73.2#

Instrument :
MSVOA_L
ClientSampled :
VIBLK

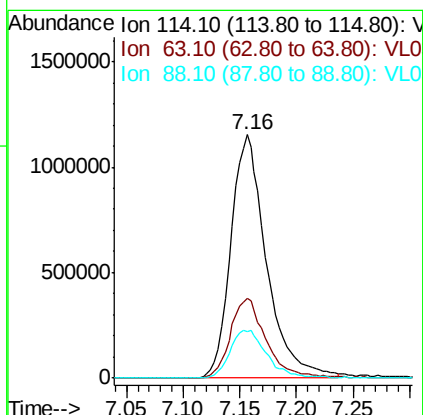
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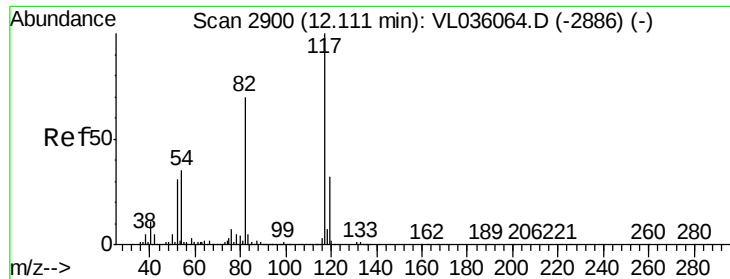
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL036155.D
Acq: 11 Dec 2020 8:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	33.3	23.6	35.4
88	20.9	15.8	23.6





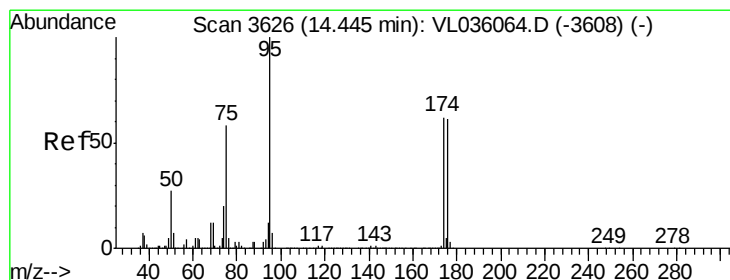
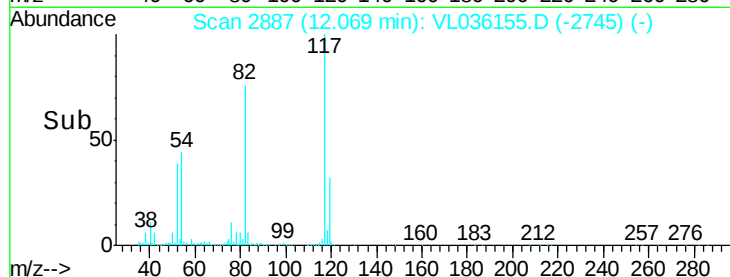
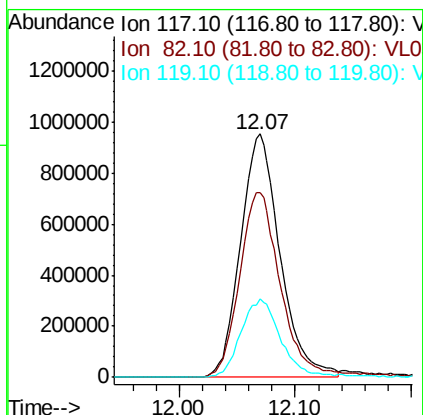
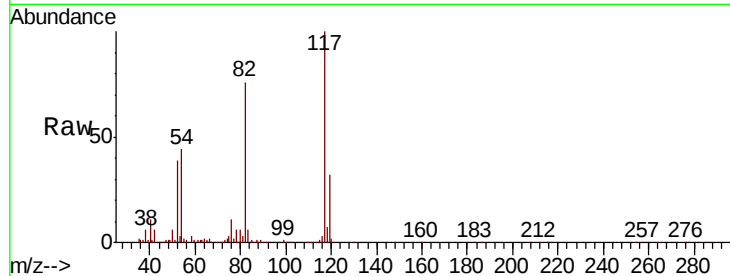
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VL036155.D
Acq: 11 Dec 2020 8:37

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2263842
Ion Ratio Lower Upper
117 100
82 80.3 0.0 0.0#
119 32.9 0.0 0.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 11.096 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.05 min
Lab File: VL036155.D
Acq: 11 Dec 2020 8:37

Tgt Ion: 95 Resp: 1994673
Ion Ratio Lower Upper
95 100
174 54.3 50.7 76.1
175 3.7 4.0 6.0#

