

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035884.D
 Acq On : 6 Nov 2020 6:56
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:48:25 AM

Quant Time: Nov 06 08:13:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	978118	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3776471	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3436723	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2381556	9.75	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	13307m	0.127	ppbv	
20) Methylene Chloride	4.33	84	7979m	0.108	ppbv	

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

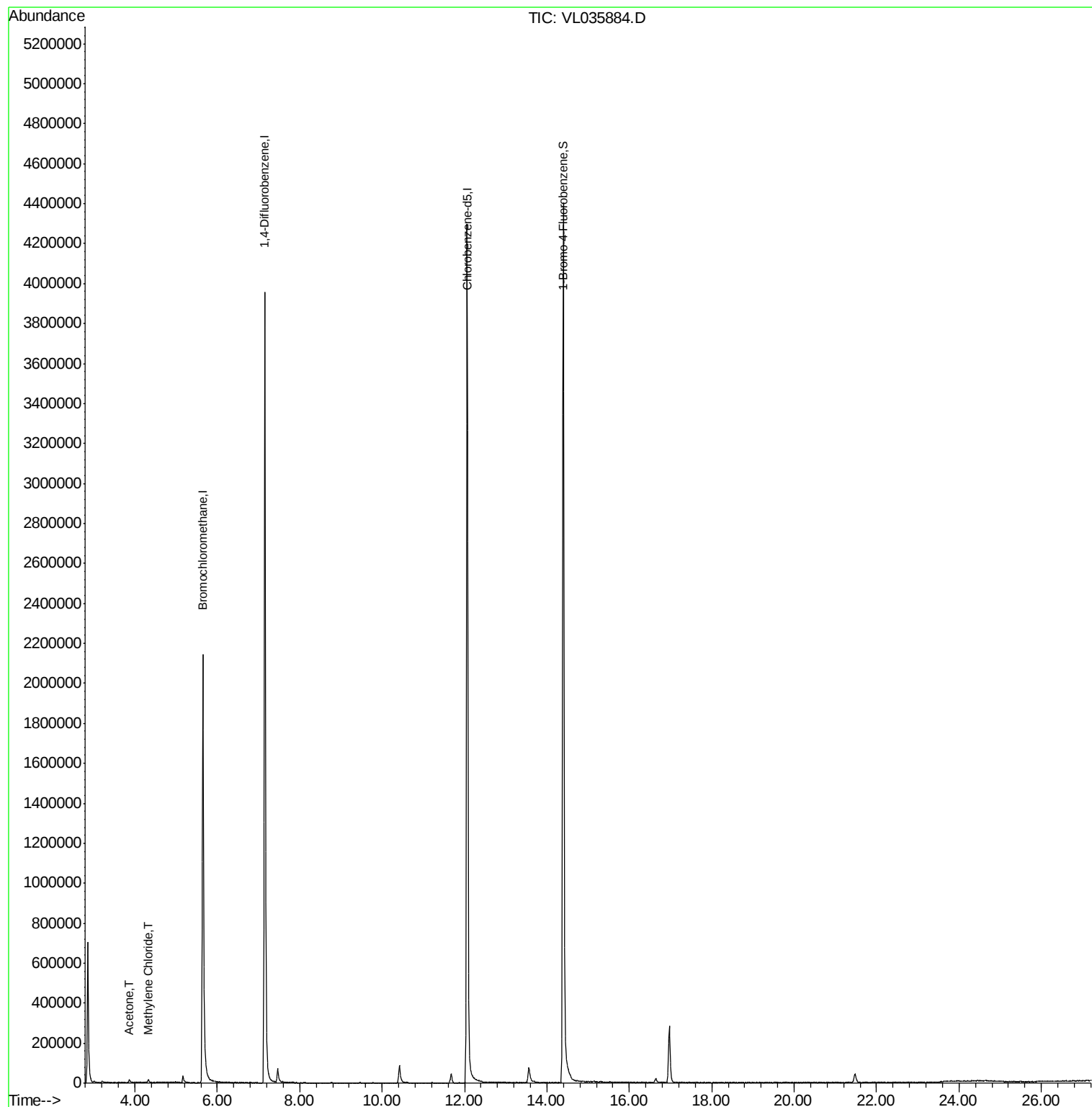
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
Data File : VL035884.D
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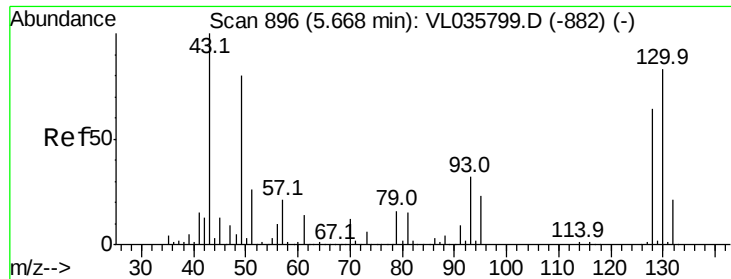
Instrument :
MSVOA_L
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Quant Time: Nov 06 08:13:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035884.D

Acq: 6 Nov 2020 6:56

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 978118

Ion Ratio Lower Upper

49 100

128 83.0 41.5 124.6

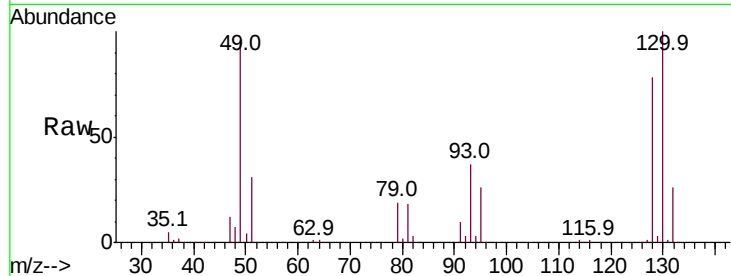
130 108.2 53.7 161.1

Manual Integrations

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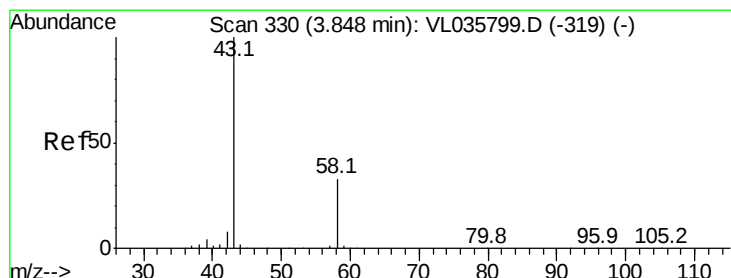
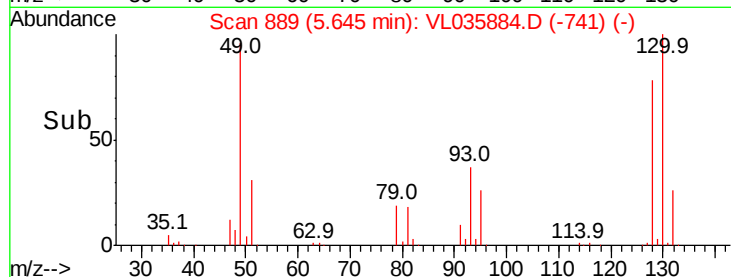
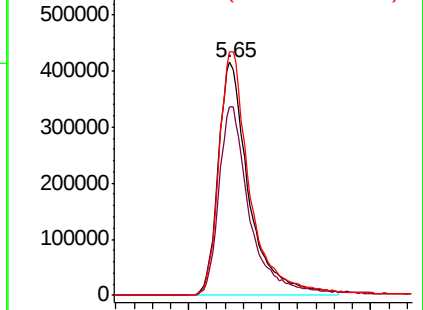
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.127 ppbv m

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL035884.D

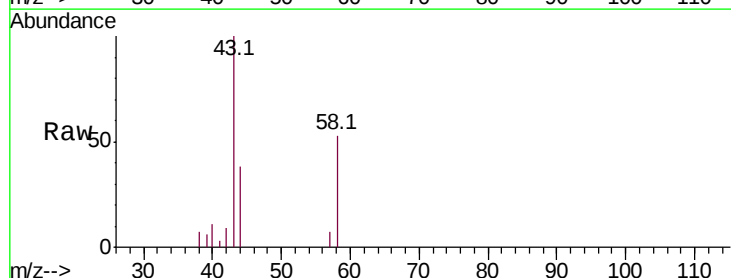
Acq: 6 Nov 2020 6:56

Tgt Ion: 43 Resp: 13307

Ion Ratio Lower Upper

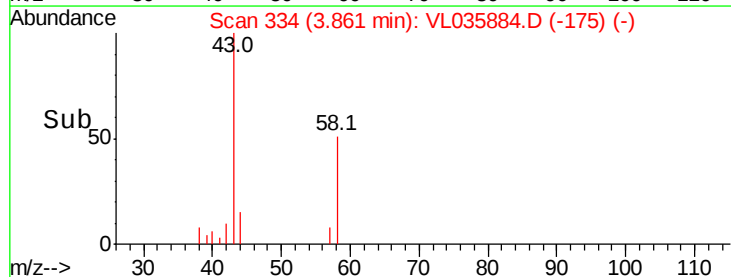
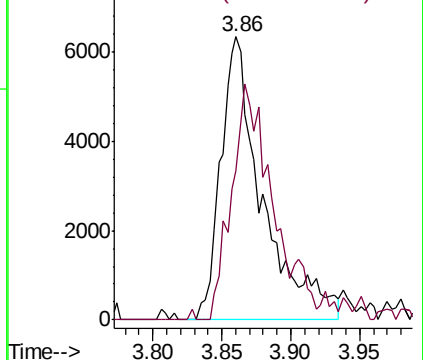
43 100

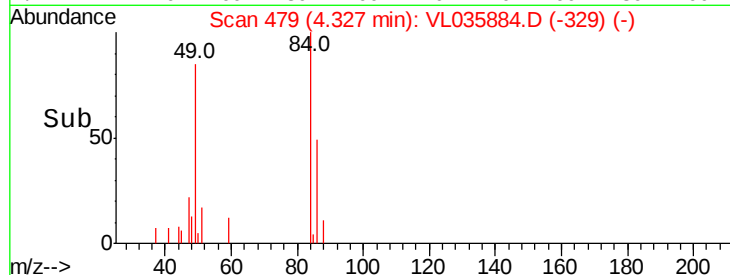
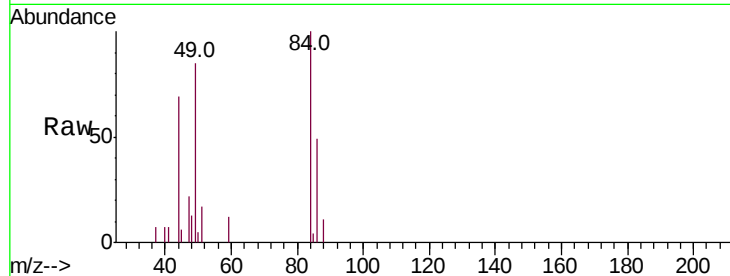
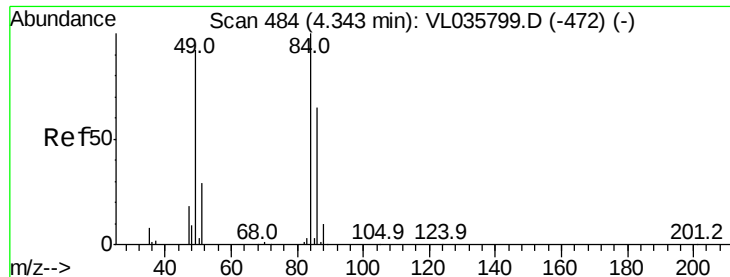
58 90.6 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





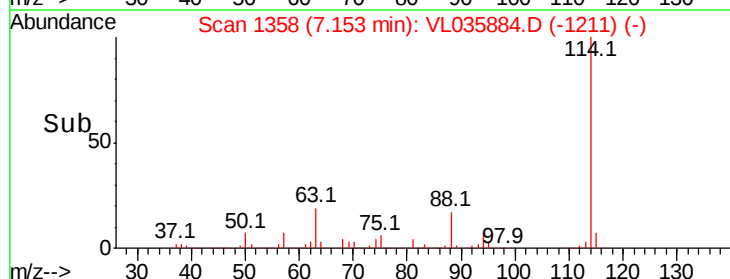
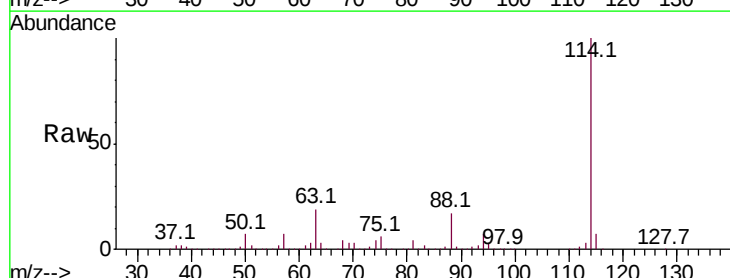
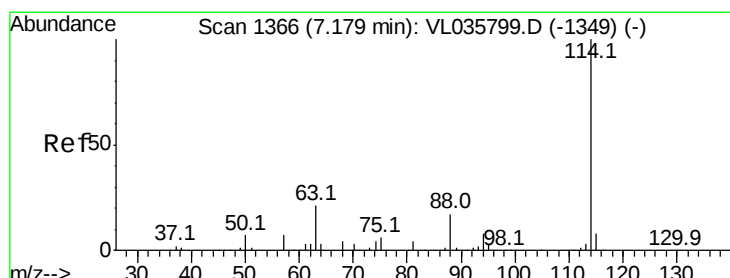
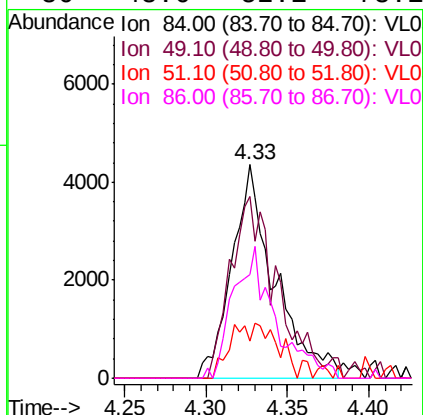
#20
Methvlene Chloride
Concen: 0.108 ppbv m
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

Tot Ion	84	Resp	7979
Ion	Ratio	Lower	Upper
84	100		
49	84.9	73.8	110.8
51	17.5	23.0	34.4#
86	48.6	52.1	78.1#

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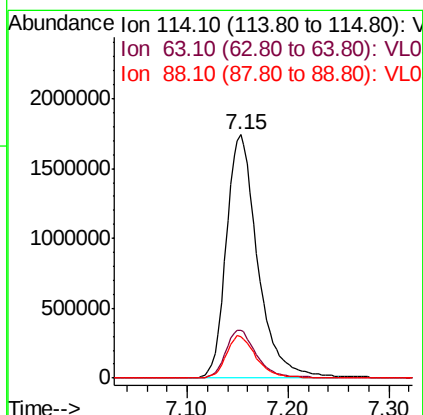
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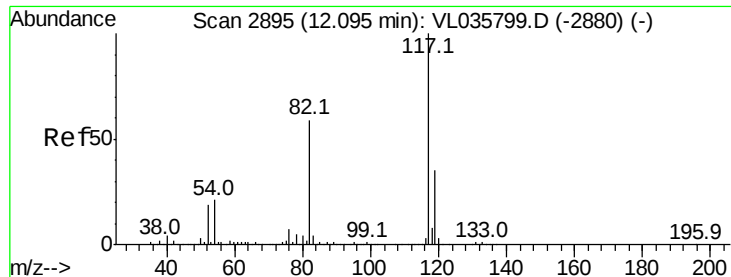
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

Tgt Ion	114	Resp	3776471
Ion	Ratio	Lower	Upper
114	100		
63	19.5	16.1	24.1
88	17.0	13.7	20.5





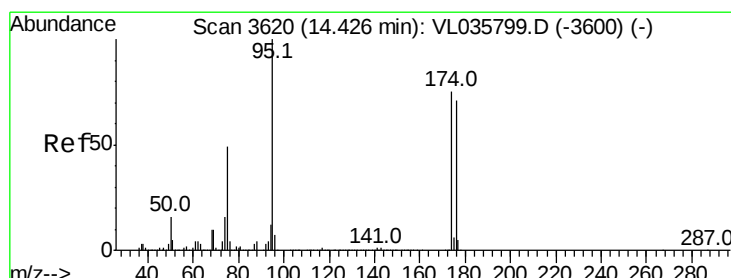
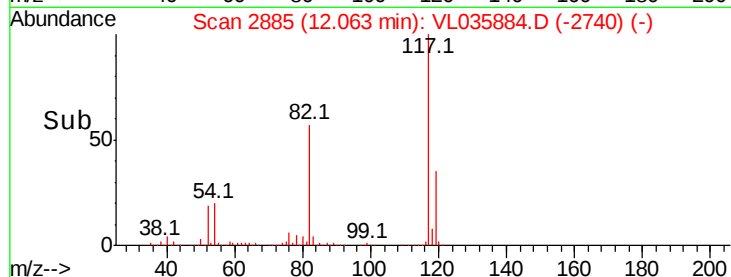
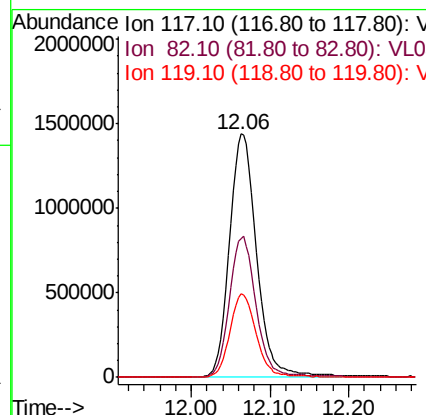
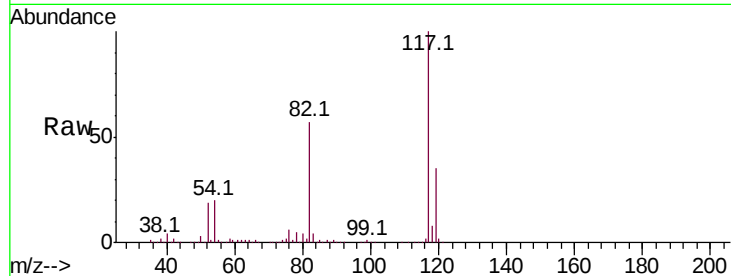
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 3436723
Ion Ratio Lower Upper
117 100
82 57.8 50.6 76.0
119 33.5 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.754 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

Tgt Ion: 95 Resp: 2381556
Ion Ratio Lower Upper
95 100
174 77.9 59.8 89.6
175 5.4 4.3 6.5

