

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035940.D
 Acq On : 16 Nov 2020 12:04
 Operator : SY/AP
 Sample : VL1116ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1116ABL01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 9:06:24 AM

Quant Time: Nov 17 09:47:57 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	5.67	49	1242357	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4416623	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4257566	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3190834	10.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	44360m	0.334	ppbv	
20) Methylene Chloride	4.34	84	31812m	0.340	ppbv	

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

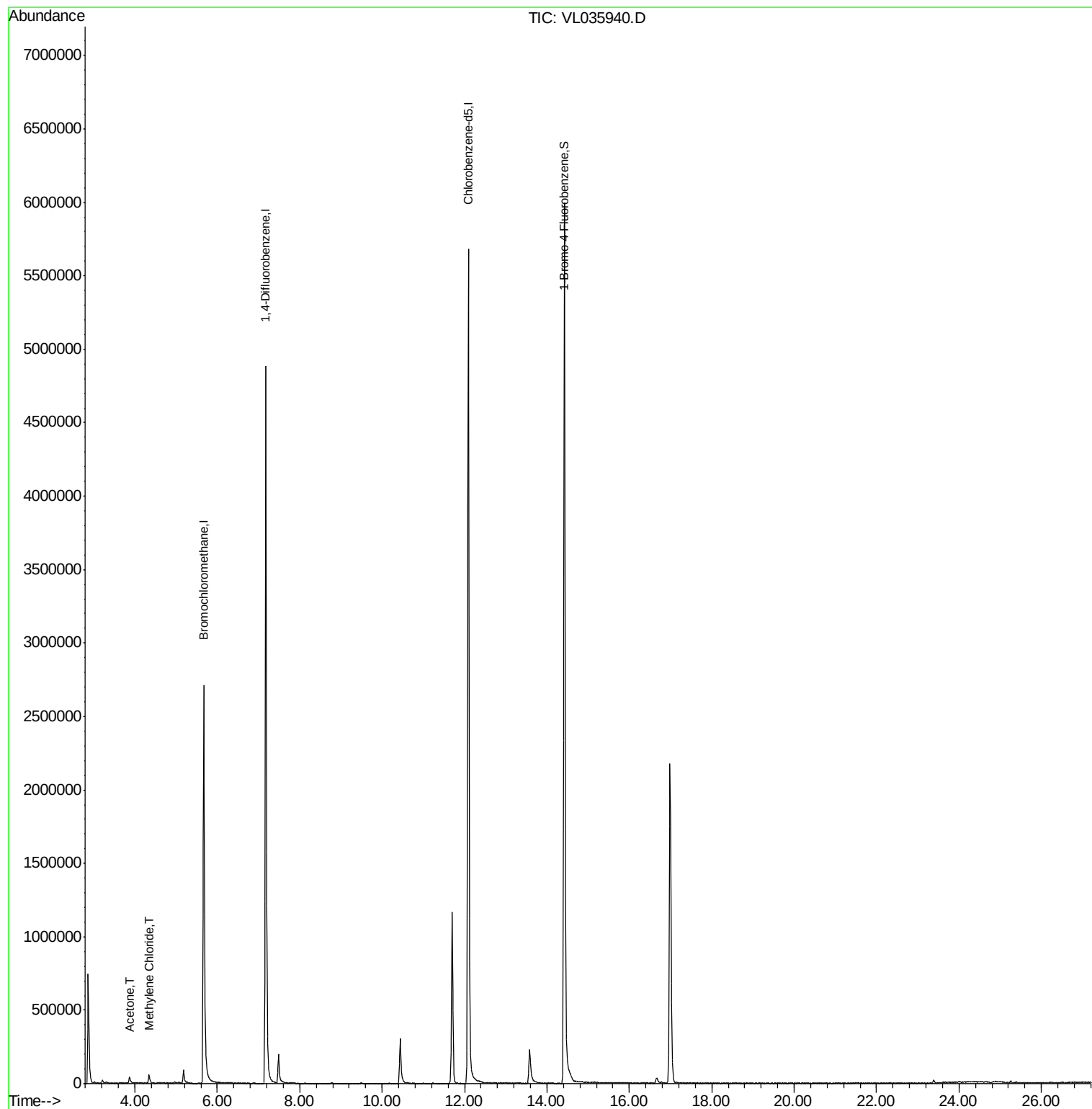
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Data File : VL035940.D
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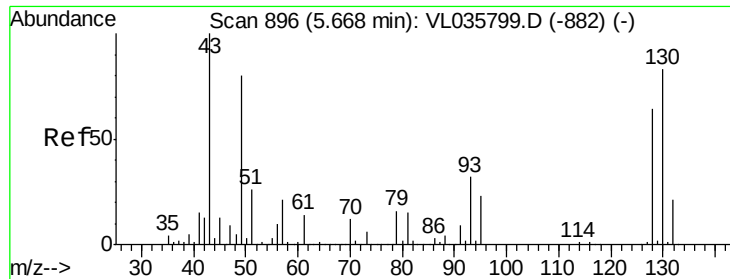
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL035940.D

Acq: 16 Nov 2020 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL1116ABL01

Tot Ion: 49 Resp: 1242357

Ion Ratio Lower Upper

49 100

128 77.3 41.5 124.6

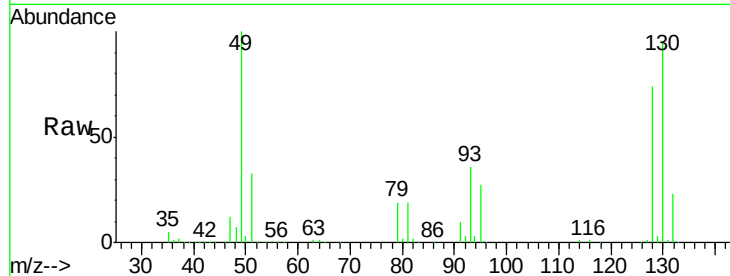
130 99.4 53.7 161.1

Manual Integrations

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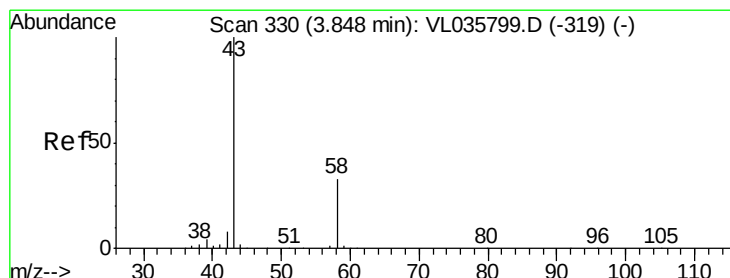
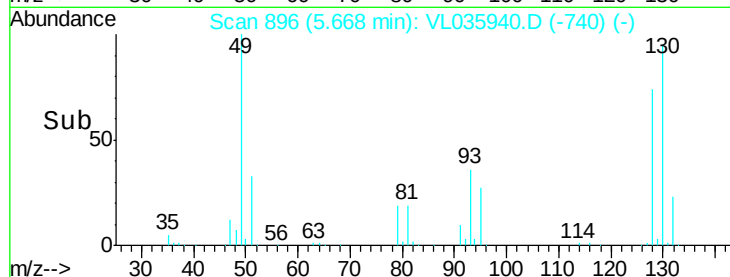
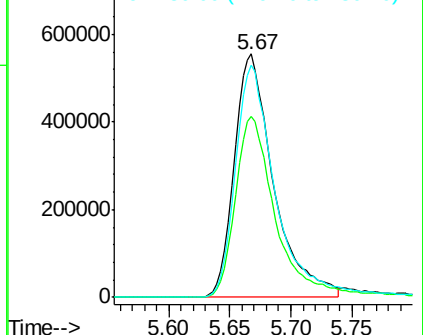
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.334 ppbv m

RT: 3.86 min Scan# 335

Delta R.T. 0.02 min

Lab File: VL035940.D

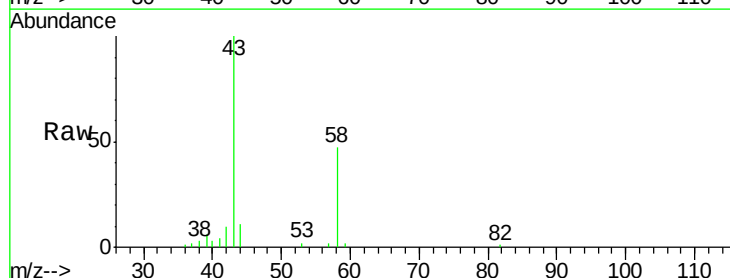
Acq: 16 Nov 2020 12:04

Tgt Ion: 43 Resp: 44360

Ion Ratio Lower Upper

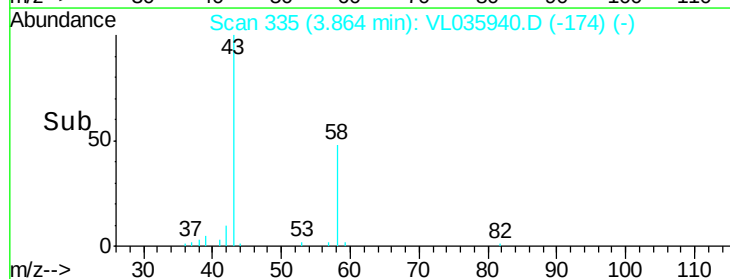
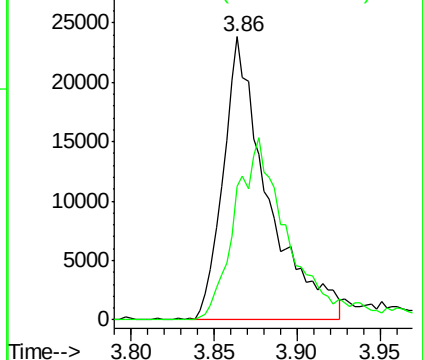
43 100

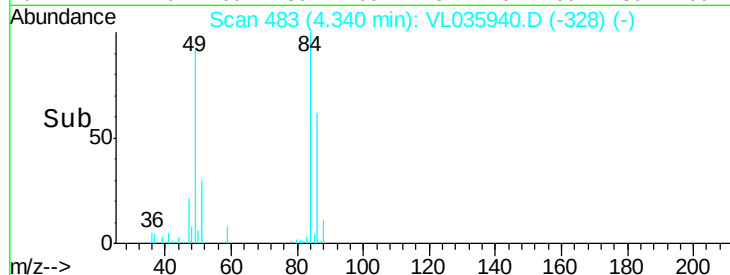
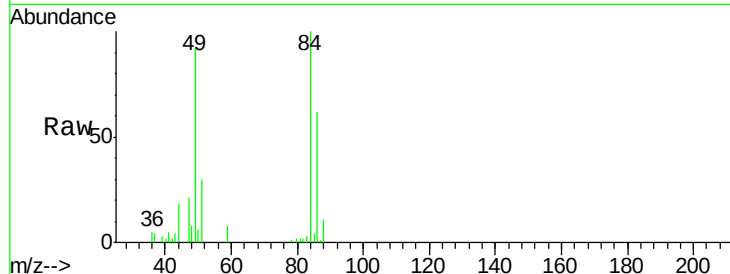
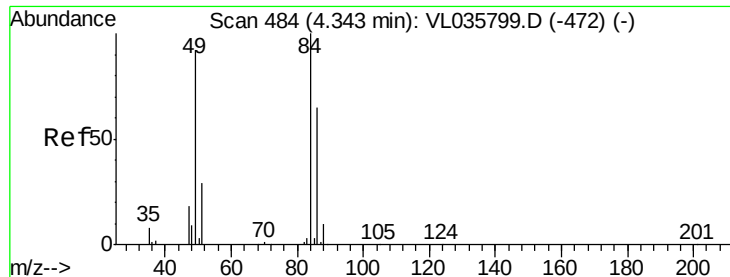
58 80.5 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





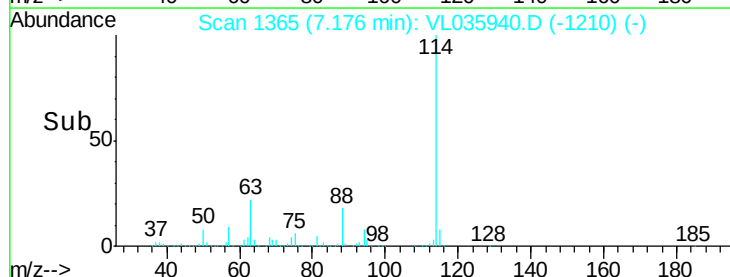
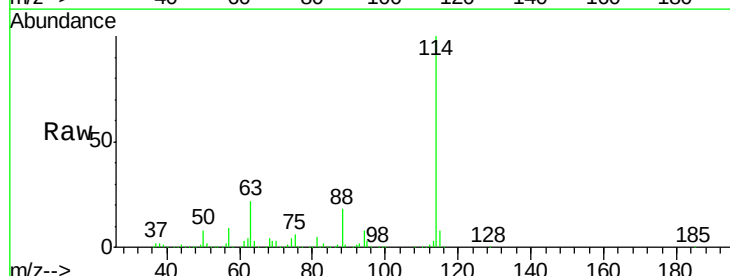
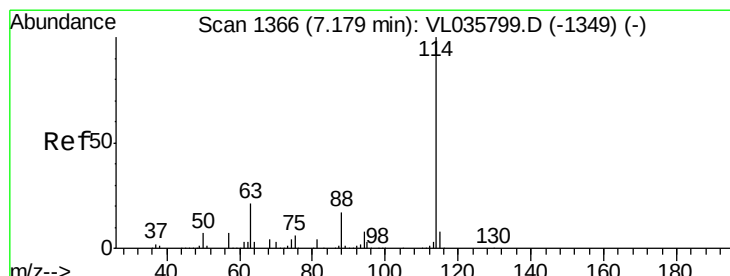
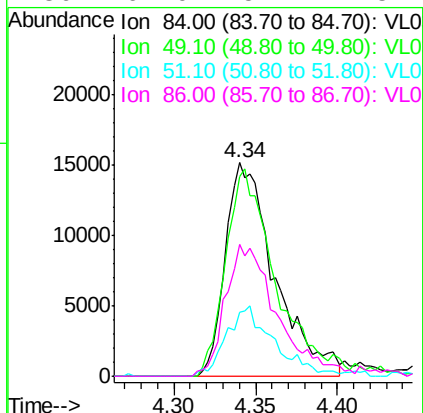
#20
Methylene Chloride
Concen: 0.340 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035940.D
Acq: 16 Nov 2020 12:04

Tot Ion:	84	Resp:	31812
Ion	Ratio	Lower	Upper
84	100		
49	93.5	73.8	110.8
51	30.1	23.0	34.4
86	62.0	52.1	78.1

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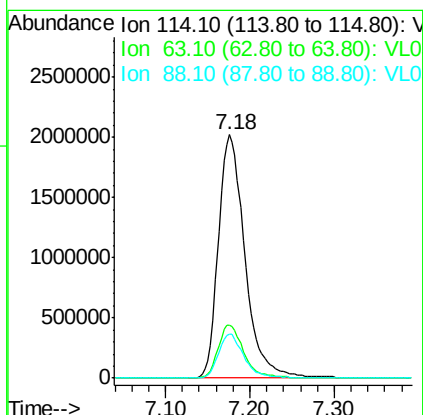
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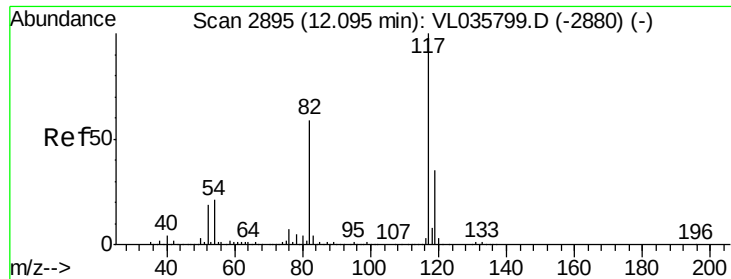
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035940.D
Acq: 16 Nov 2020 12:04

Tgt Ion:	114	Resp:	4416623
Ion	Ratio	Lower	Upper
114	100		
63	21.2	16.1	24.1
88	17.5	13.7	20.5





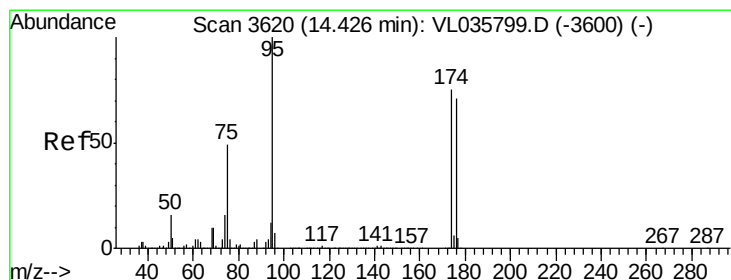
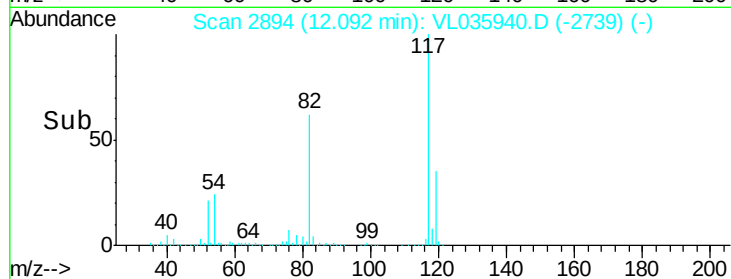
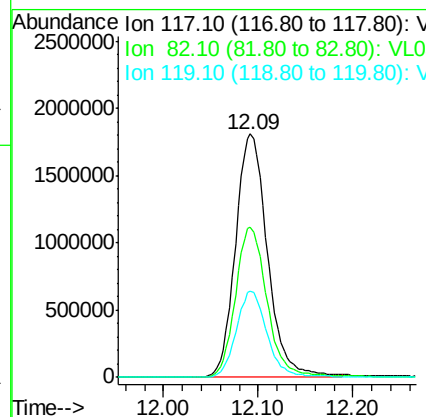
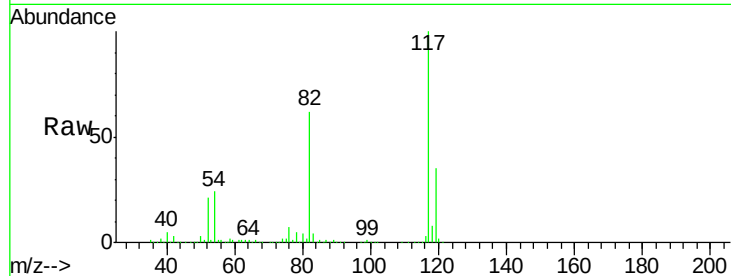
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035940.D
Acq: 16 Nov 2020 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL1116ABL01

Tot Ion:117 Resp: 4257566
Ion Ratio Lower Upper
117 100
82 61.9 50.6 76.0
119 34.6 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.549 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL035940.D
Acq: 16 Nov 2020 12:04

Tgt Ion: 95 Resp: 3190834
Ion Ratio Lower Upper
95 100
174 72.6 59.8 89.6
175 5.2 4.3 6.5

