

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035019.D
 Acq On : 14 May 2020 13:54
 Operator : SY/AP
 Sample : VL0514ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0514ABL01

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 1:34:38 PM

Quant Time: May 15 01:49:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1011446	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2325398	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2213007	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1882488	10.51	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	35110	0.263	ppbv	# 57
20) Methylene Chloride	4.31	84	8256m	0.187	ppbv	

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

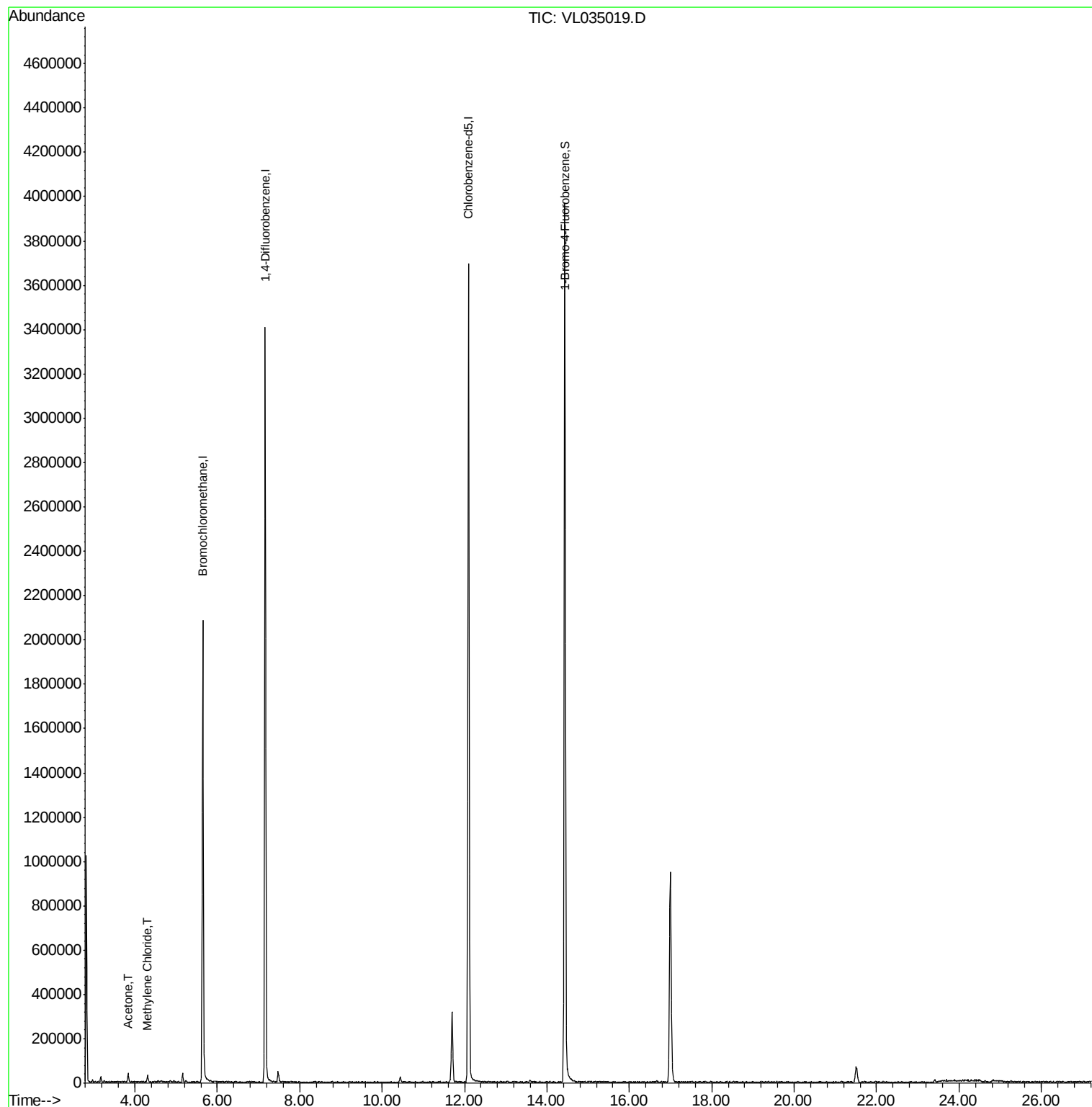
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051420\
Data File : VL035019.D
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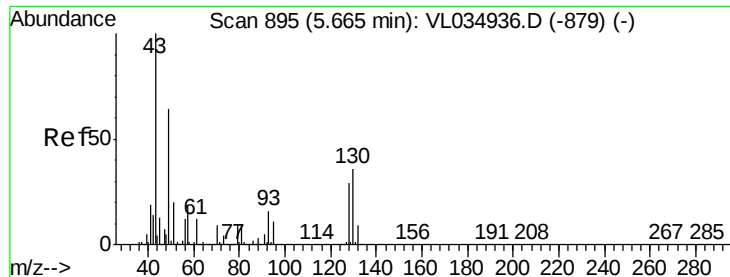
Instrument :
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ClientSampleId :
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Quant Time: May 15 01:49:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 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: VL035019.D

Acq: 14 May 2020 13:54

Instrument :

MSVOA_L

ClientSampleId :

VL0514ABL01

Tot Ion: 49 Resp: 1011446

Ion Ratio Lower Upper

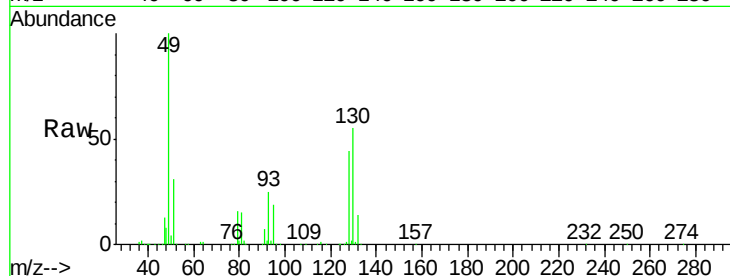
49 100

128 45.1 22.1 66.5

130 57.5 29.1 87.3

Manual Integrations
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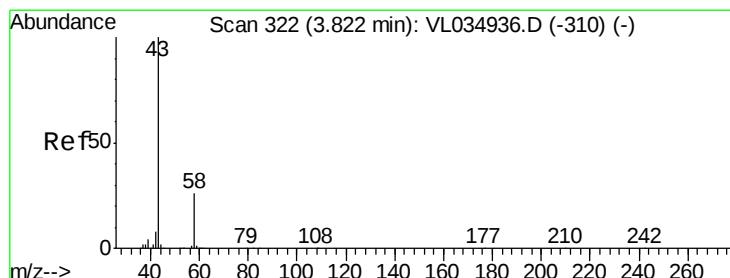
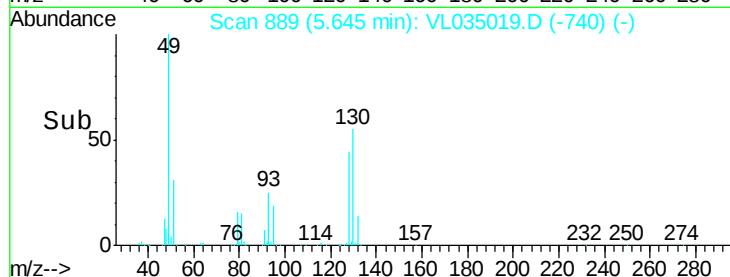
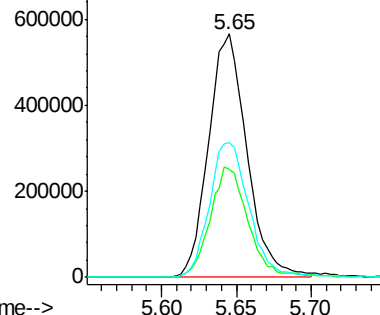
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.263 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.01 min

Lab File: VL035019.D

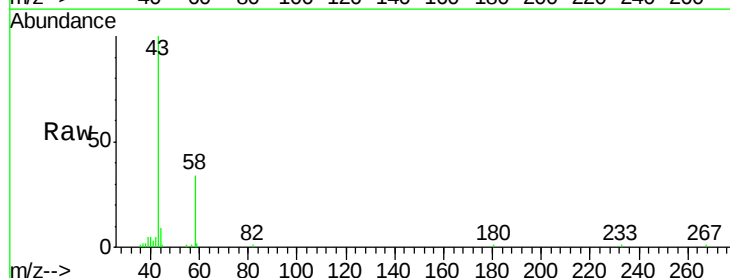
Acq: 14 May 2020 13:54

Tgt Ion: 43 Resp: 35110

Ion Ratio Lower Upper

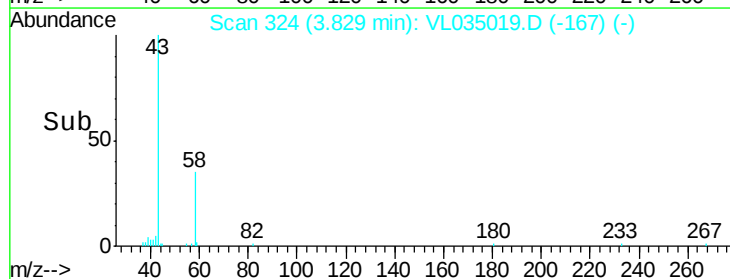
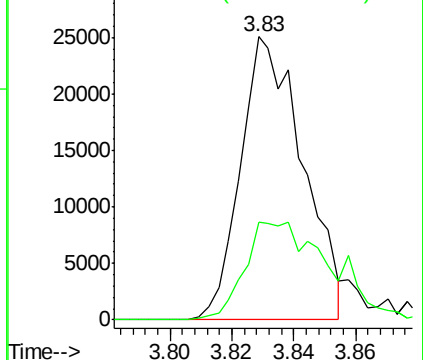
43 100

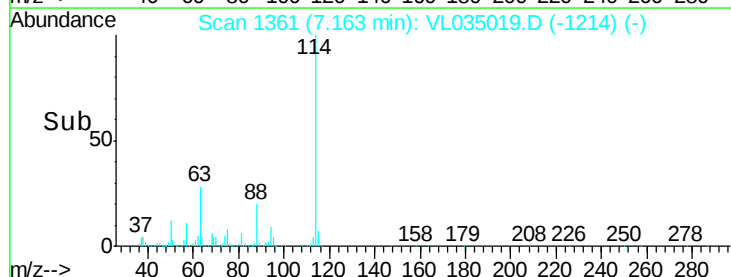
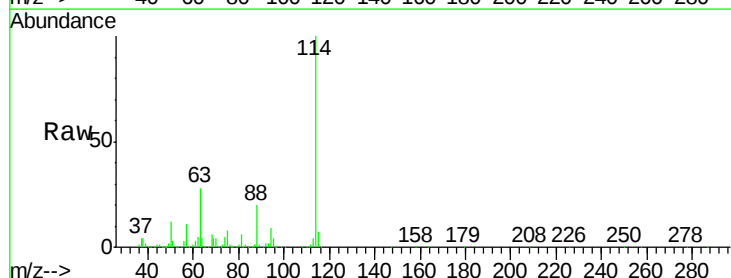
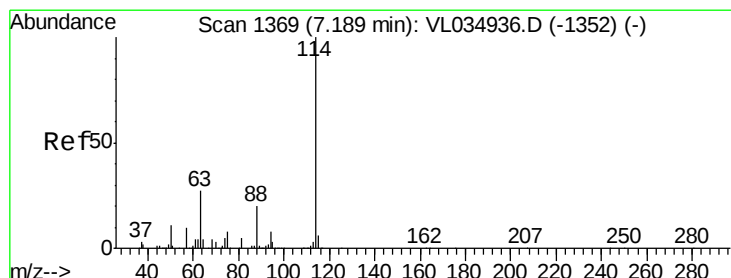
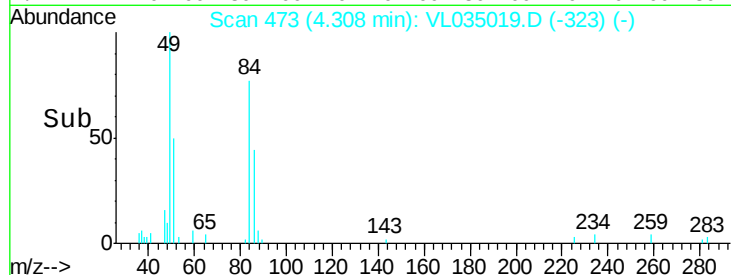
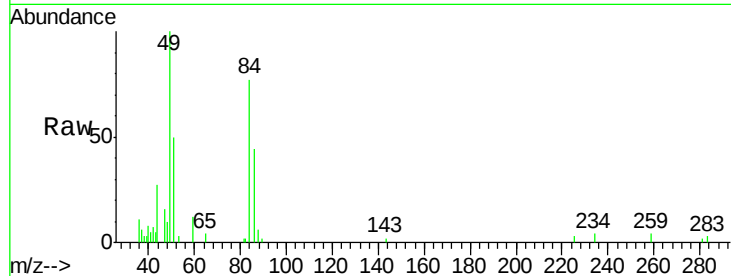
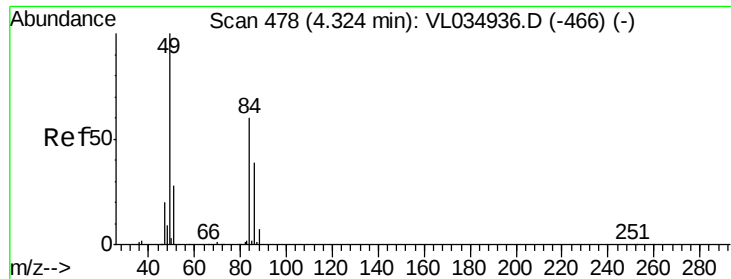
58 49.3 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

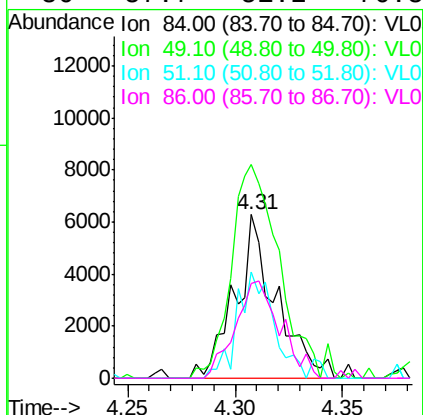
Ion 58.10 (57.80 to 58.80): VL0





#20
Methvlene Chloride
Concen: 0.187 ppbv m
RT: 4.31 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL035019.D
Acq: 14 May 2020 13:54

Tot Ion	Ratio	Lower	Upper
84	100		
49	130.7	132.5	198.7#
51	65.2	38.4	57.6#
86	57.7	51.2	76.8



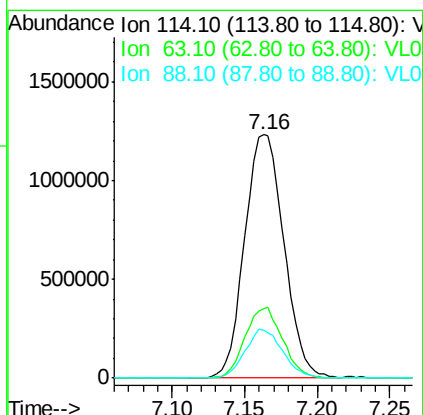
Instrument :
MSVOA_L
ClientSampleId :
VL0514ABL01

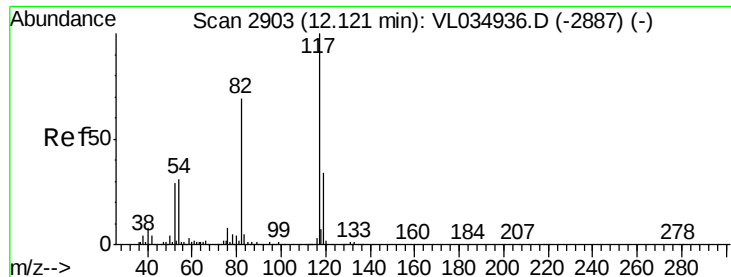
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035019.D
Acq: 14 May 2020 13:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.2	33.4
88	19.3	15.5	23.3





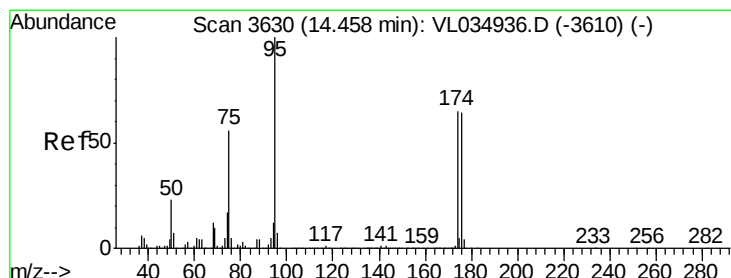
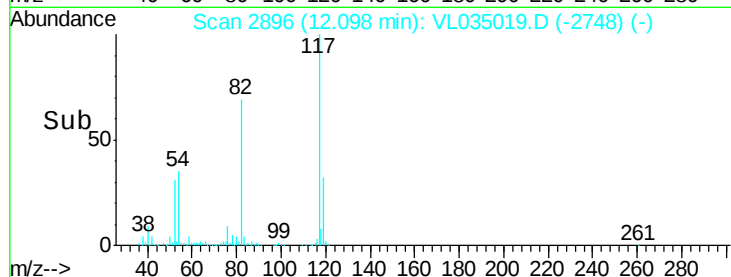
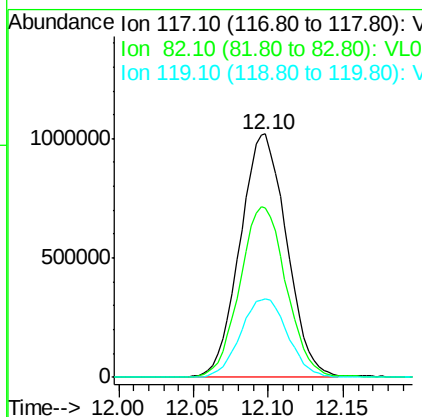
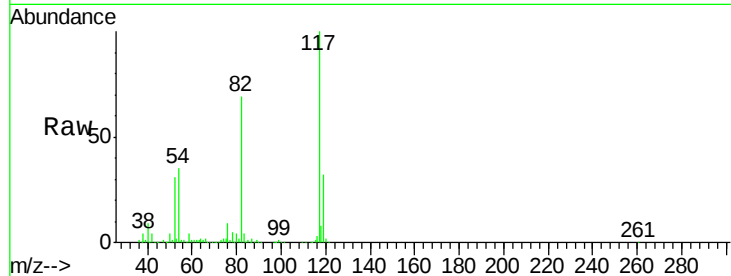
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL035019.D
Acq: 14 May 2020 13:54

Instrument :
MSVOA_L
ClientSampleId :
VL0514ABL01

Tot Ion:117 Resp: 2213007
Ion Ratio Lower Upper
117 100
82 70.3 53.1 79.7
119 32.8 26.7 40.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.509 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035019.D
Acq: 14 May 2020 13:54

Tgt Ion: 95 Resp: 1882488
Ion Ratio Lower Upper
95 100
174 63.8 51.5 77.3
175 4.7 3.8 5.8

