

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070820\
 Data File : VL035184.D
 Acq On : 8 Jul 2020 14:32
 Operator : SY/AP
 Sample : L3190-02 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CARBON-02

Manual Integrations
 APPROVED

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 7/9/2020 12:02:57 PM

Quant Time: Jul 09 11:21:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1147451	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2752406	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2548075	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2071203	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%
Target Compounds						
27) Carbon Disulfide	4.53	76	12266594	82.643	ppbv #	72
36) Benzene	6.89	78	27775m	0.139	ppbv	

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

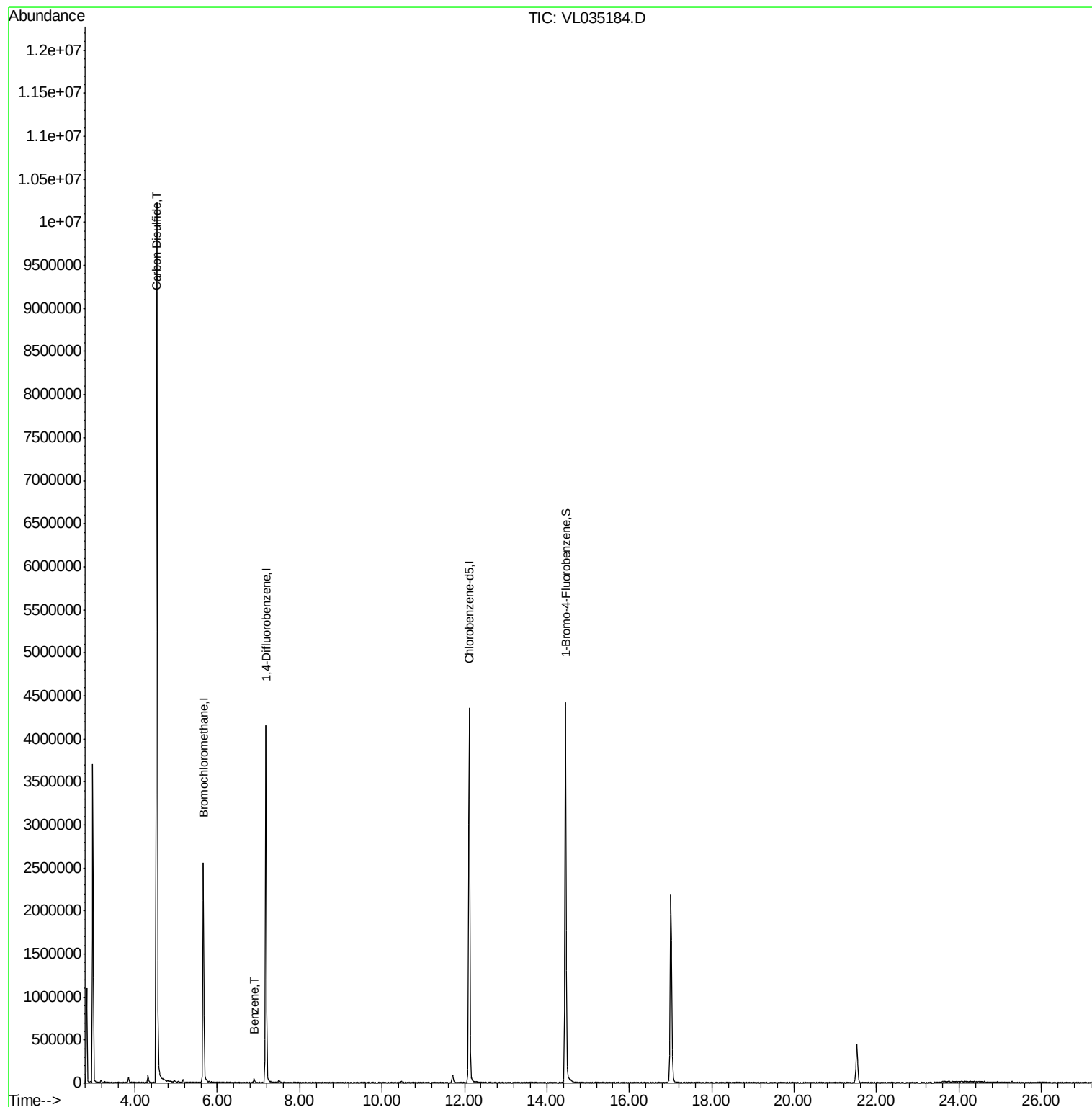
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070820\
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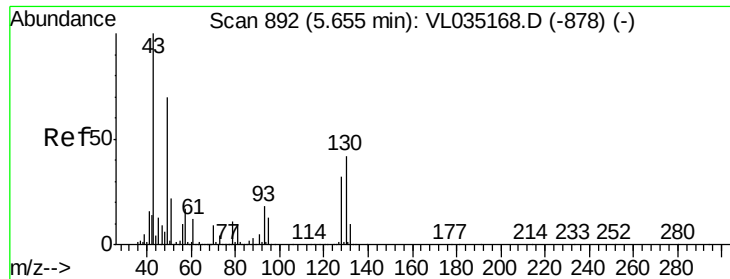
Instrument :
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ClientSampleId :
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Quant Time: Jul 09 11:21:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL035184.D

Acq: 8 Jul 2020 14:32

Instrument :

MSVOA_L

ClientSampleId :

CARBON-02

Tot Ion: 49 Resp: 1147451

Ion Ratio Lower Upper

49 100

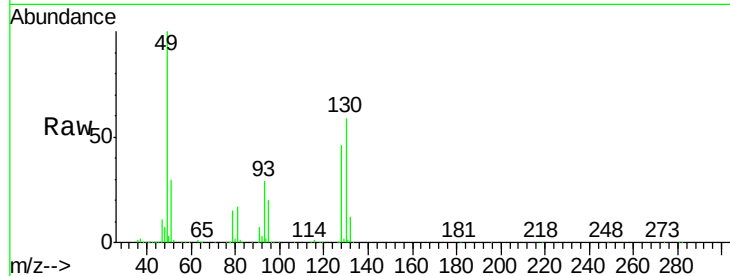
128 48.6 23.8 71.4

130 62.5 29.9 89.8

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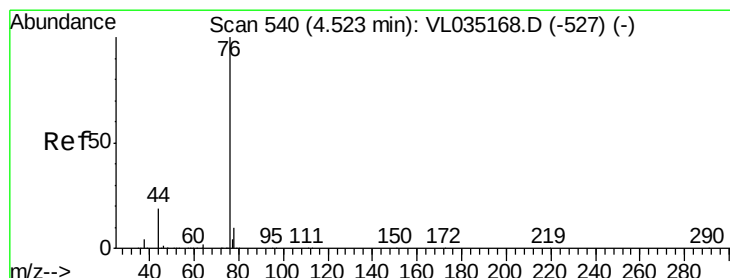
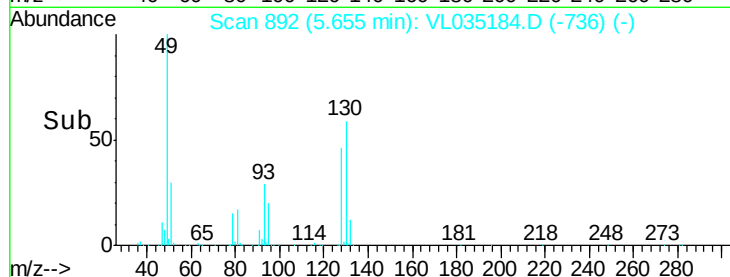
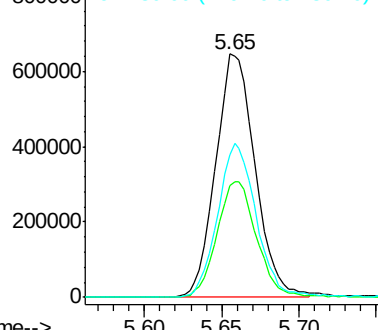
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#27

Carbon Disulfide

Concen: 82.643 ppbv

RT: 4.53 min Scan# 542

Delta R.T. 0.01 min

Lab File: VL035184.D

Acq: 8 Jul 2020 14:32

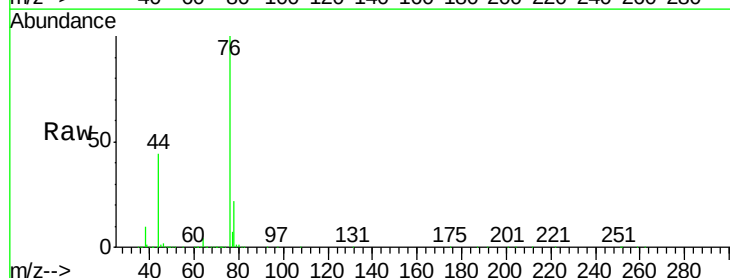
Tgt Ion: 76 Resp: 12266594

Ion Ratio Lower Upper

76 100

44 32.9 14.9 22.3#

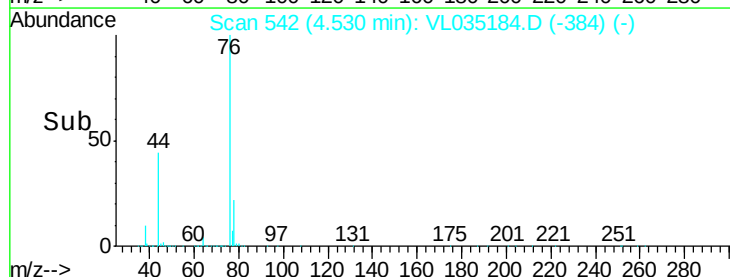
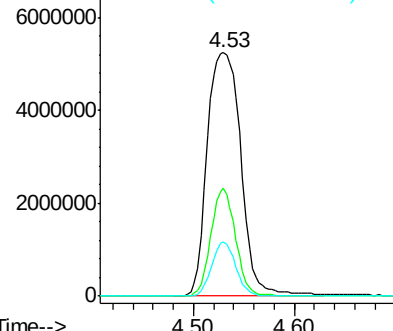
78 16.3 7.5 11.3#

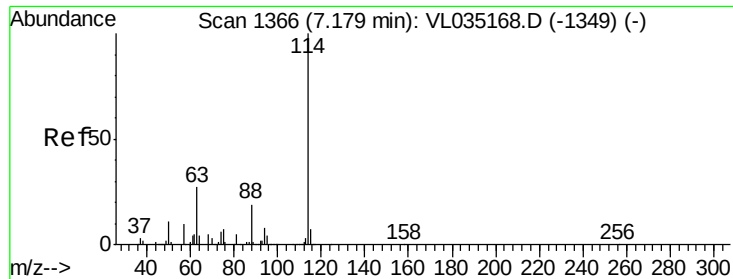


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





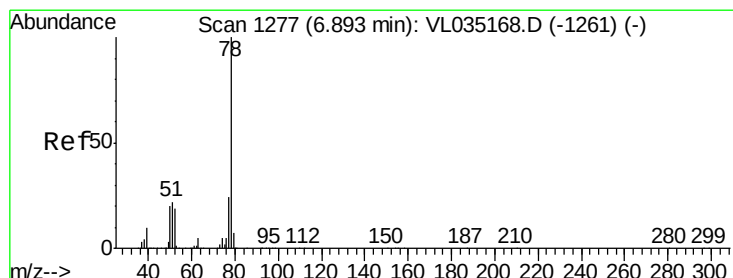
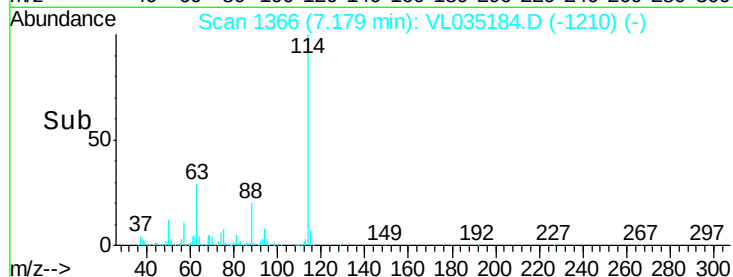
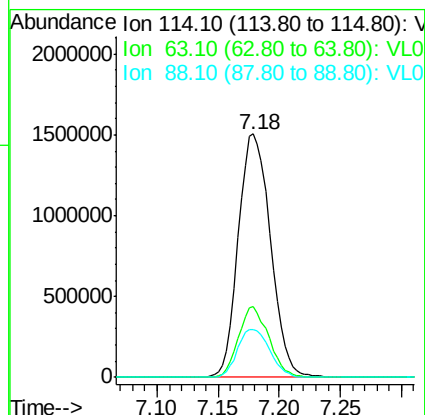
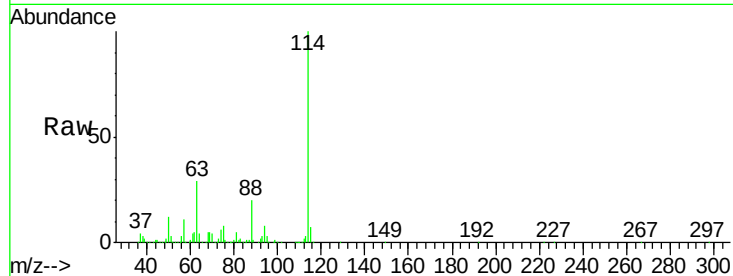
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL035184.D
 Acq: 8 Jul 2020 14:32

Instrument :
 MSVOA_L
 ClientSampleId :
 CARBON-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.0	33.0
88	19.8	15.4	23.0

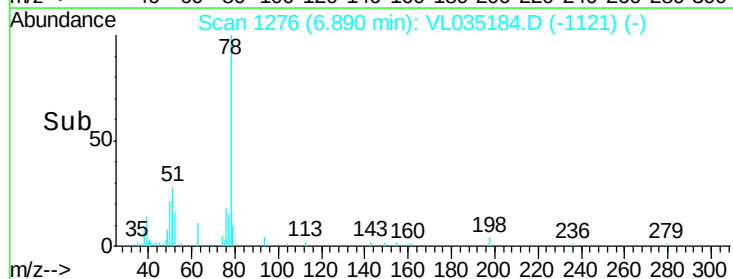
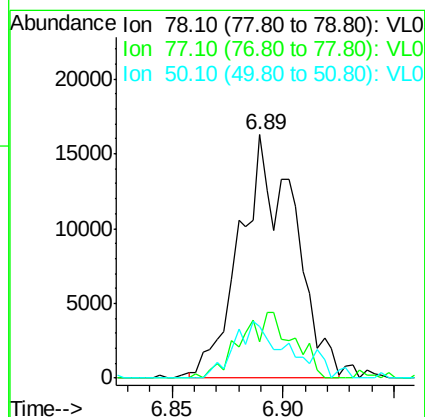
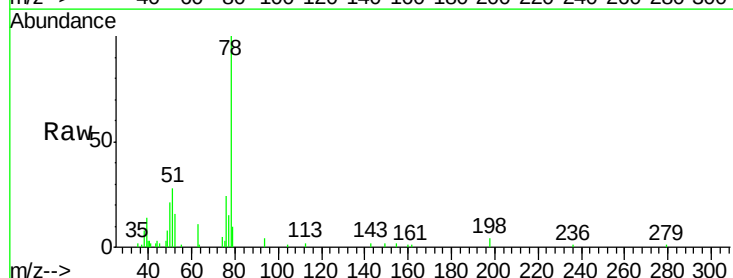
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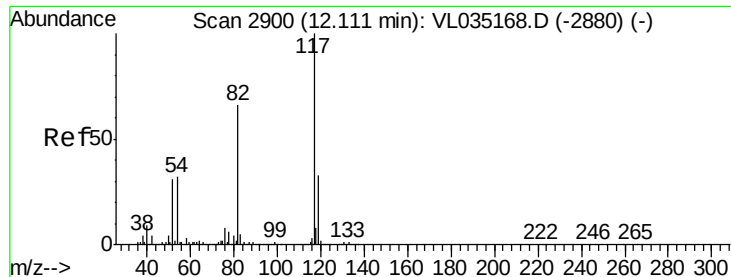
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#36
 Benzene
 Concen: 0.139 ppbv m
 RT: 6.89 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VL035184.D
 Acq: 8 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	15.1	19.3	28.9#
50	21.0	16.0	24.0





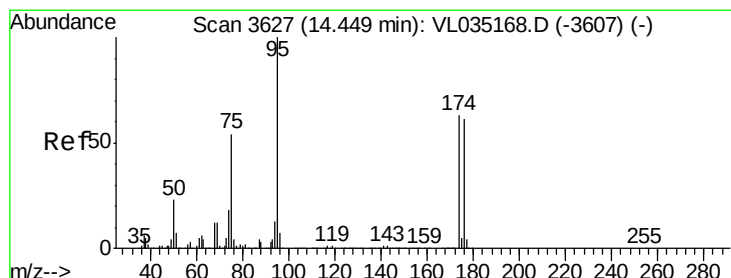
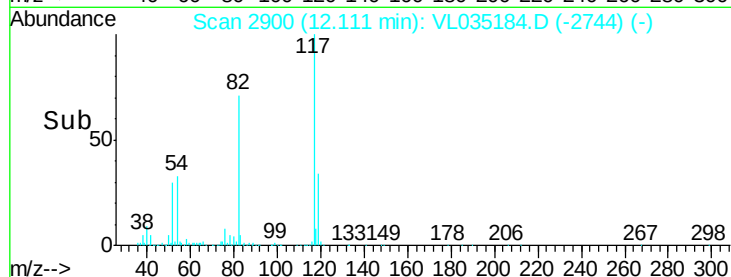
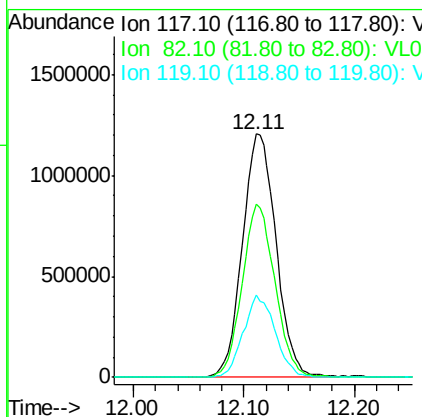
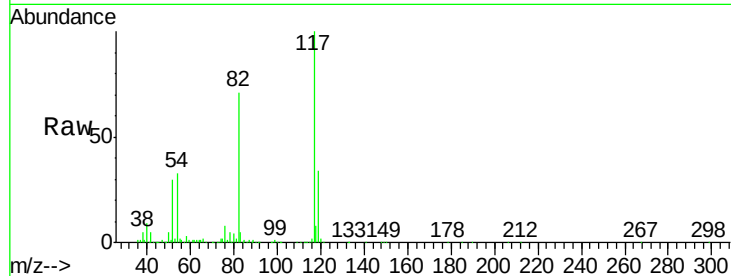
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035184.D
Acq: 8 Jul 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	69.7	52.3	78.5
119	32.2	24.9	37.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.006 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. 0.00 min
Lab File: VL035184.D
Acq: 8 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.2	78.2
175	4.9	4.0	6.0

