

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035161.D
 Acq On : 7 Jul 2020 00:52
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 7/9/2020 12:01:34 PM

Quant Time: Jul 07 06:17:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	897014	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2163039	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2027036	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1771229	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%
Target Compounds						
15) Acetone	3.84	43	16038m	0.148	ppbv	Ovalue
27) Carbon Disulfide	4.52	76	68700	0.752	ppbv	97

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

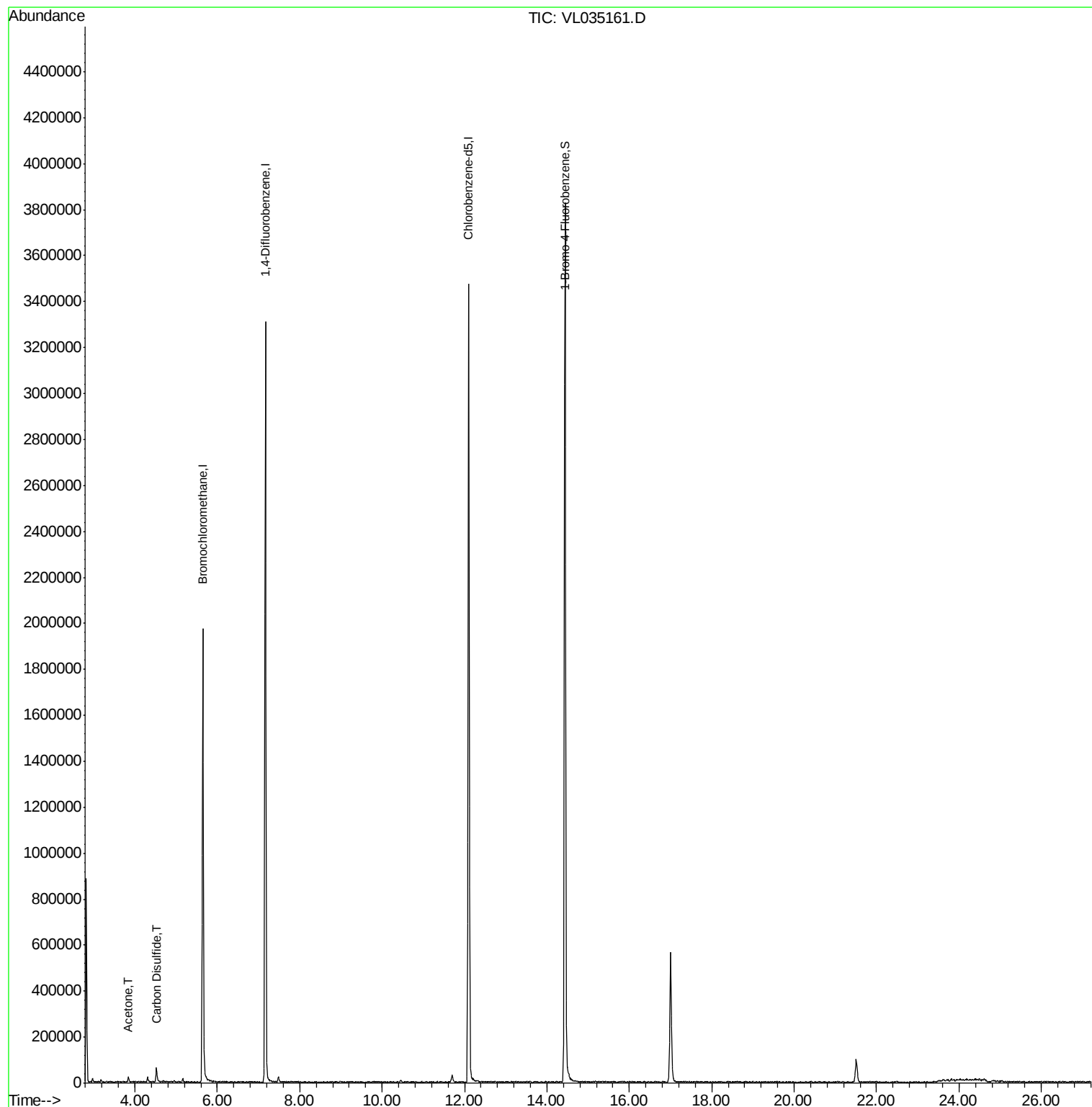
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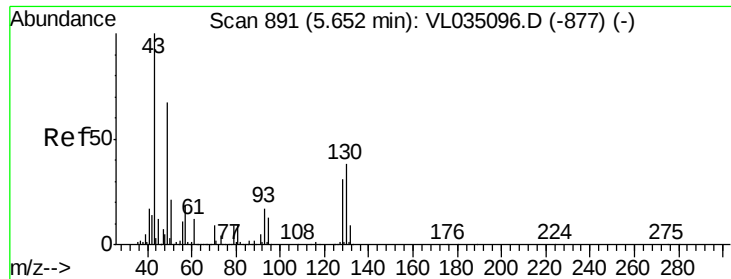
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035161.D

Acq: 7 Jul 2020 00:52

Instrument :

MSVOA_L

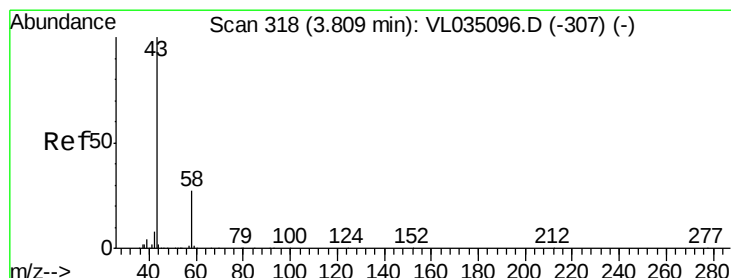
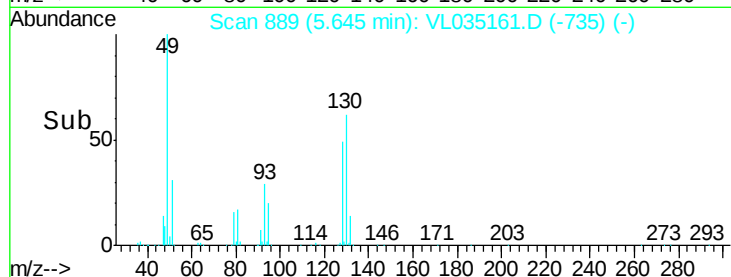
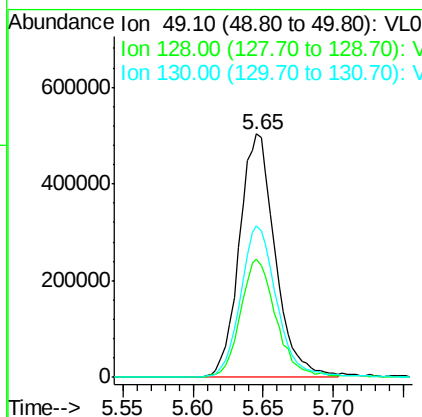
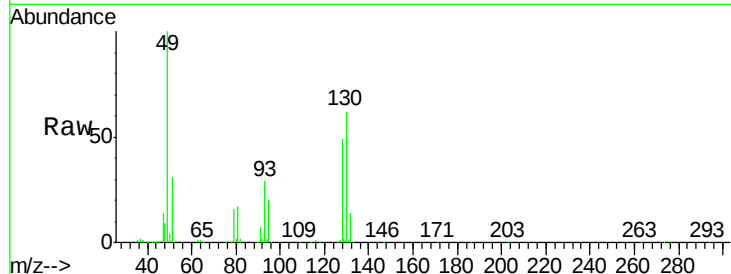
ClientSampled :

VIBLK

Tot Ion:	49	Resp:	897014
Ion	Ratio	Lower	Upper
49	100		
128	48.8	22.9	68.5
130	63.4	29.0	87.0

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#15

Acetone

Concen: 0.148 ppbv m

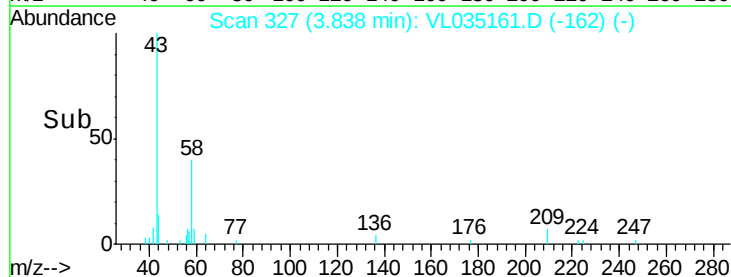
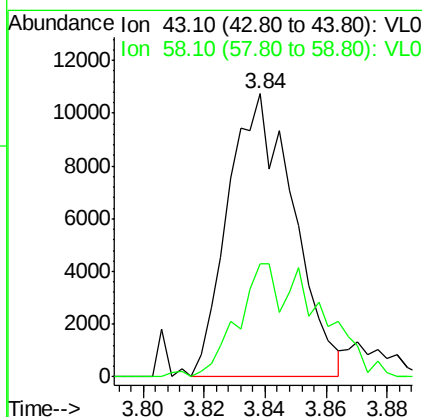
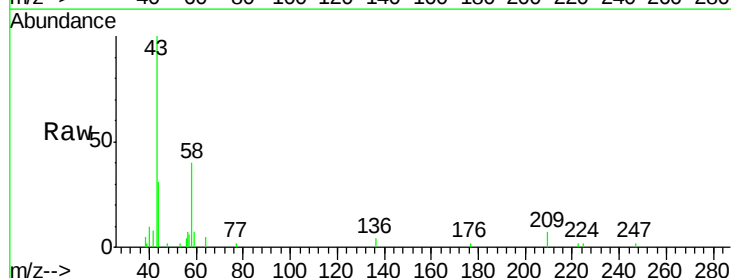
RT: 3.84 min Scan# 327

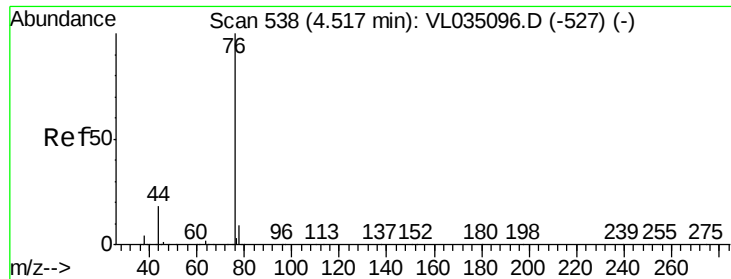
Delta R.T. 0.03 min

Lab File: VL035161.D

Acq: 7 Jul 2020 00:52

Tgt Ion:	43	Resp:	16038
Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.8	32.6#





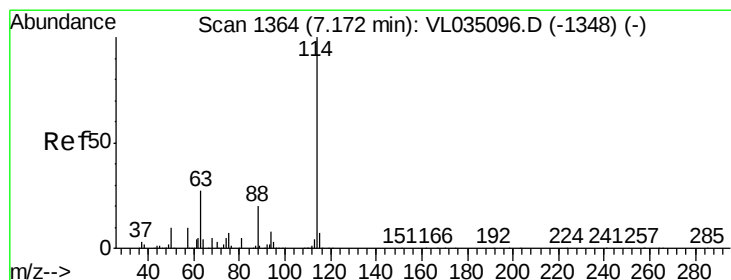
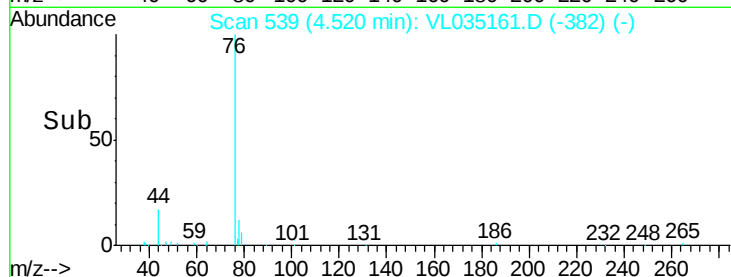
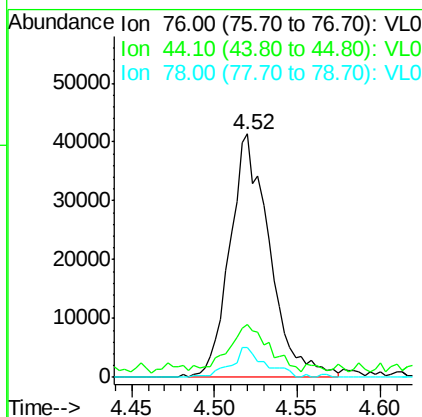
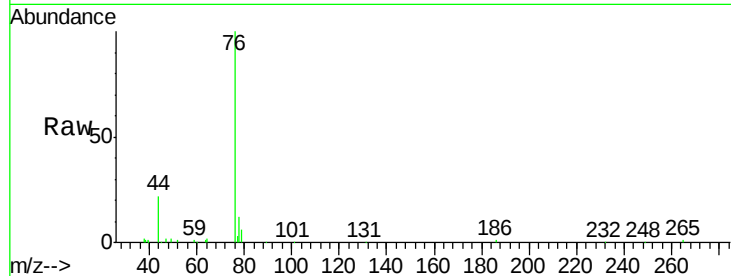
#27
Carbon Disulfide
Concen: 0.752 ppbv
RT: 4.52 min Scan# 539
Delta R.T. 0.00 min
Lab File: VL035161.D
Acq: 7 Jul 2020 00:52

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
76	100		
44	21.2	15.8	23.8
78	10.8	7.6	11.4

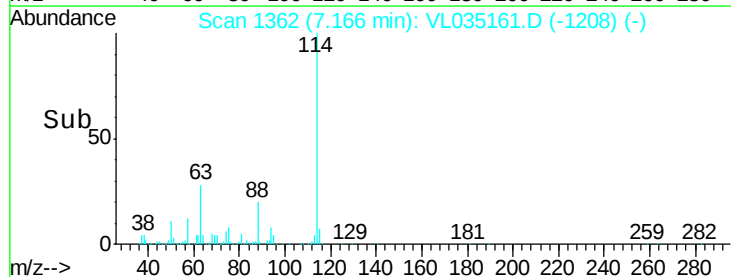
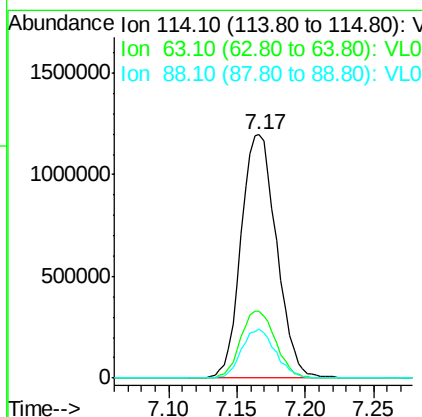
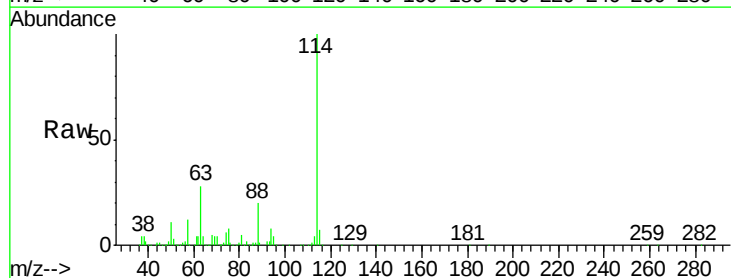
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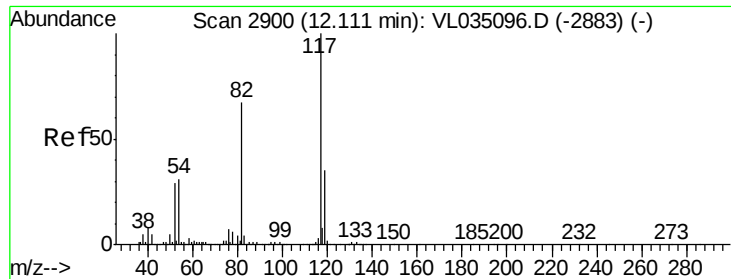
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035161.D
Acq: 7 Jul 2020 00:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	19.3	15.6	23.4





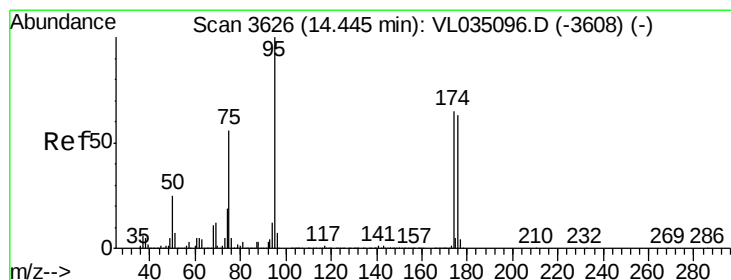
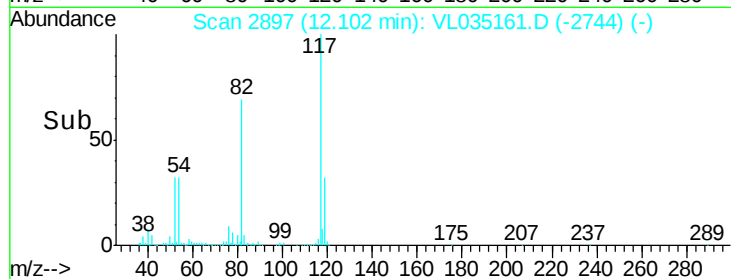
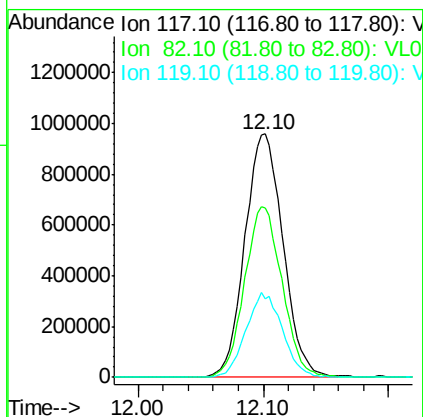
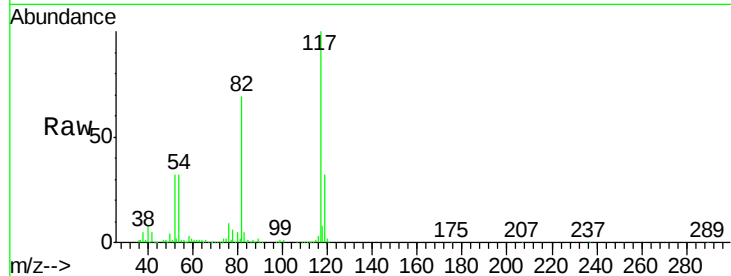
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035161.D
Acq: 7 Jul 2020 00:52

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 2027036
Ion Ratio Lower Upper
117 100
82 69.5 50.4 75.6
119 33.6 25.4 38.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.519 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035161.D
Acq: 7 Jul 2020 00:52

Tgt Ion: 95 Resp: 1771229
Ion Ratio Lower Upper
95 100
174 63.8 52.2 78.2
175 4.5 4.0 6.0

