

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035162.D
 Acq On : 7 Jul 2020 1:30
 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 12:01:37 PM

Quant Time: Jul 07 11:49:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	894252	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2129034	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2036033	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1701853	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) Carbon Disulfide	4.52	76	12210749	134.126	ppbv #	73
36) Benzene	6.87	78	30450m	0.185	ppbv	

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

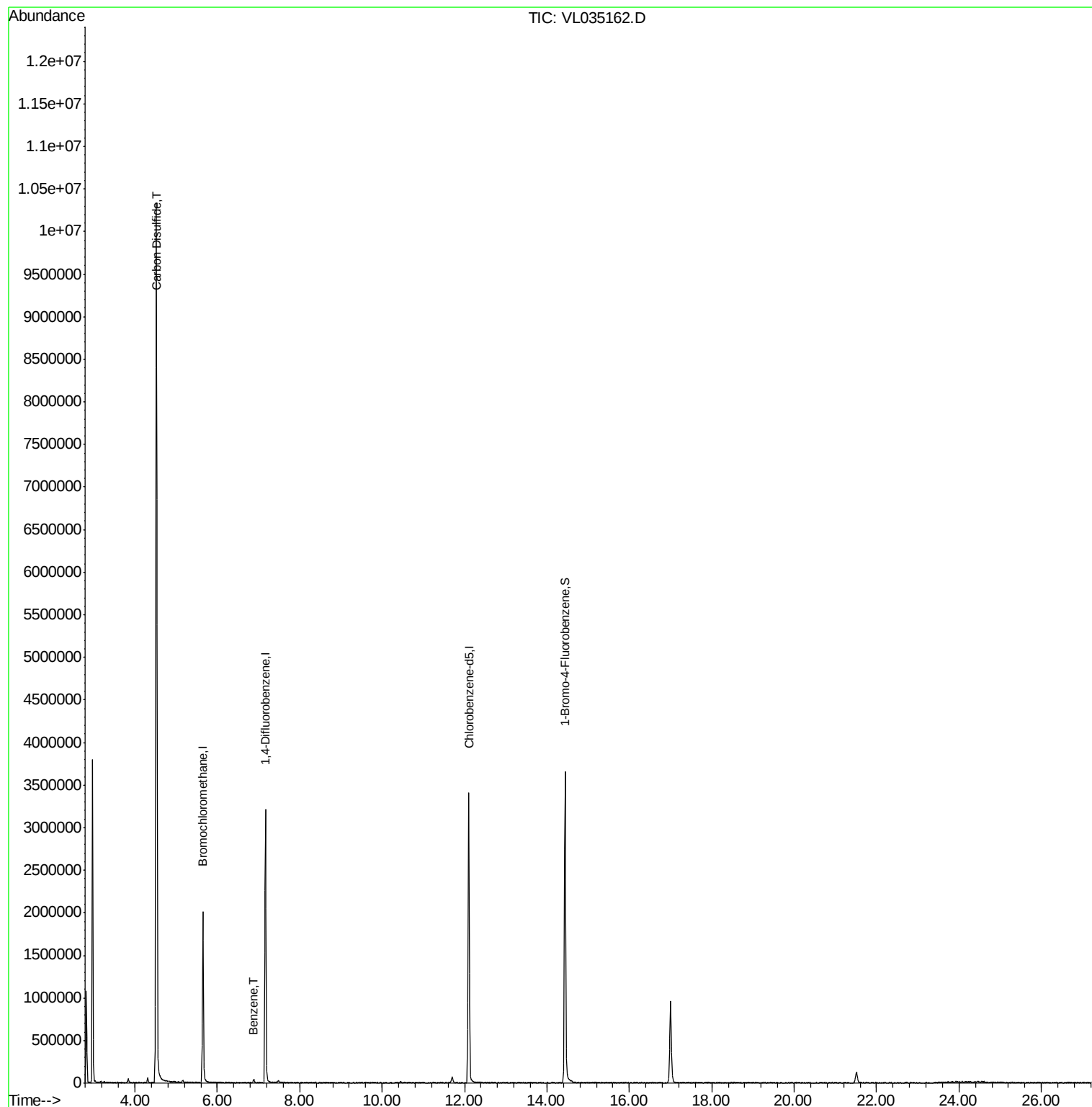
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070620\
Data File : VL035162.D
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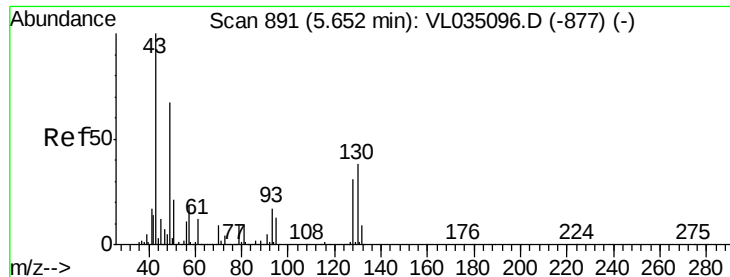
Instrument :
MSVOA_L
ClientSampleId :
CARBON-02

Manual Integrations
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7/9/2020 12:01:37 PM

Quant Time: Jul 07 11:49:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LS 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# 890

Delta R.T. -0.00 min

Lab File: VL035162.D

Acq: 7 Jul 2020 1:30

Instrument :

MSVOA_L

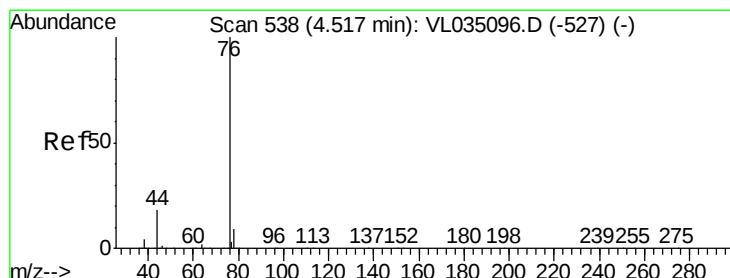
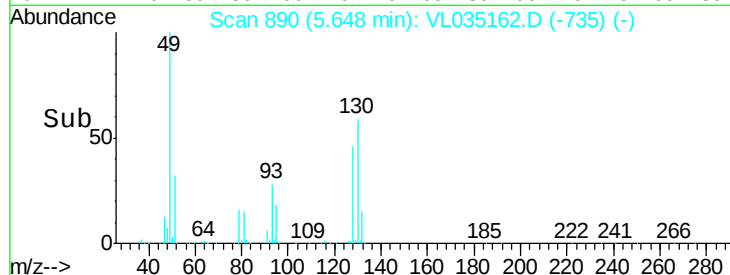
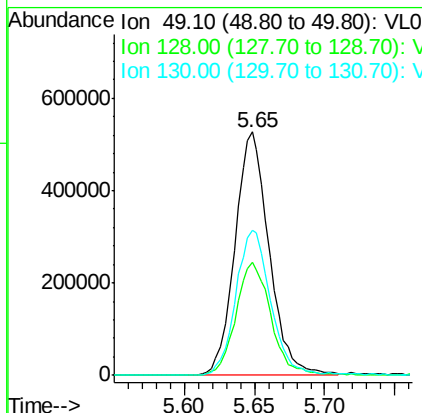
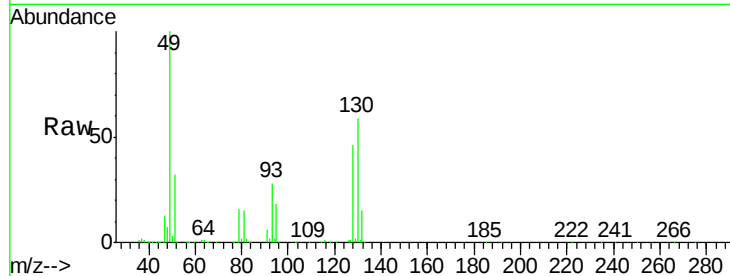
ClientSampleId :

CARBON-02

Tot Ion	Ratio	Lower	Upper
49	100		
128	47.9	22.9	68.5
130	61.6	29.0	87.0

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#27

Carbon Disulfide

Concen: 134.126 ppbv

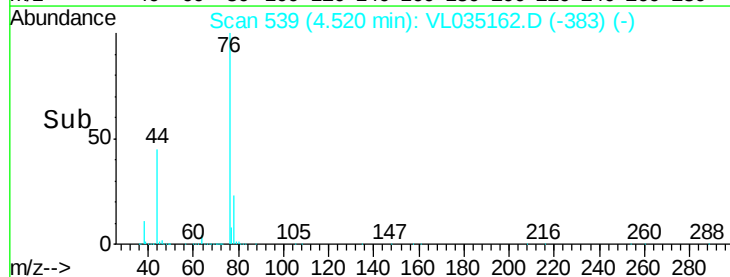
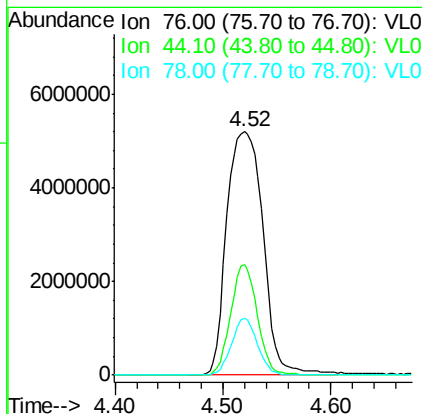
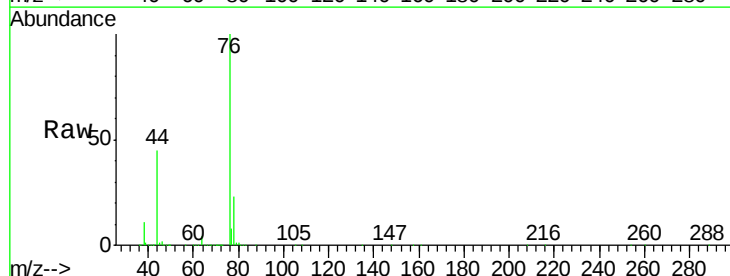
RT: 4.52 min Scan# 539

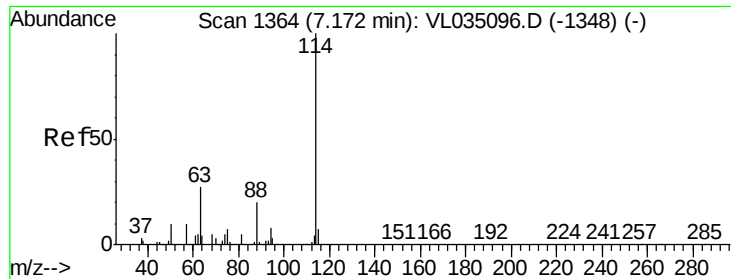
Delta R.T. 0.00 min

Lab File: VL035162.D

Acq: 7 Jul 2020 1:30

Tgt Ion	Ratio	Lower	Upper
76	100		
44	33.7	15.8	23.8#
78	16.9	7.6	11.4#





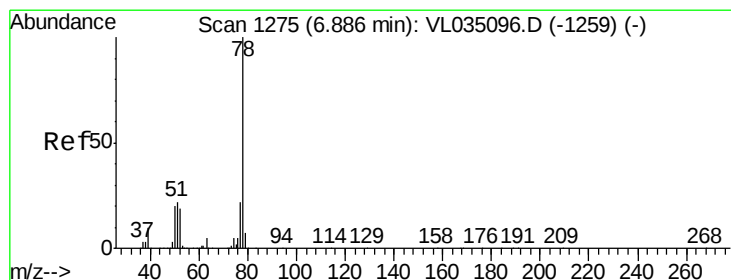
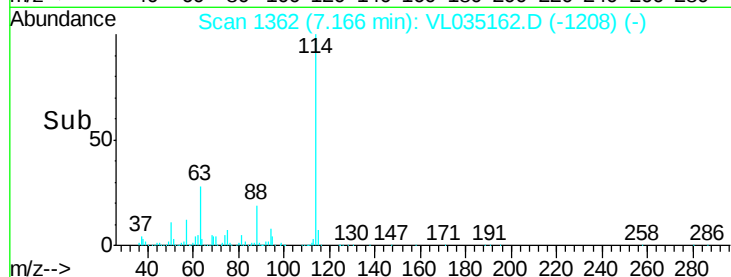
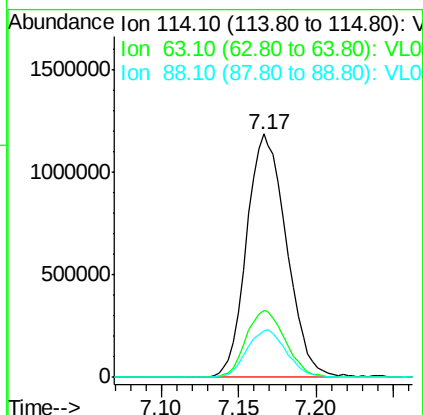
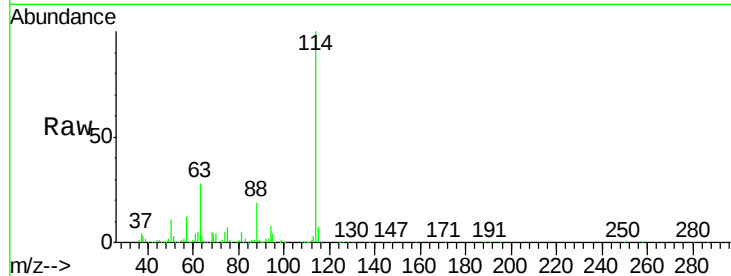
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL035162.D
 Acq: 7 Jul 2020 1:30

Instrument :
 MSVOA_L
 ClientSampleId :
 CARBON-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.9	32.9
88	19.4	15.6	23.4

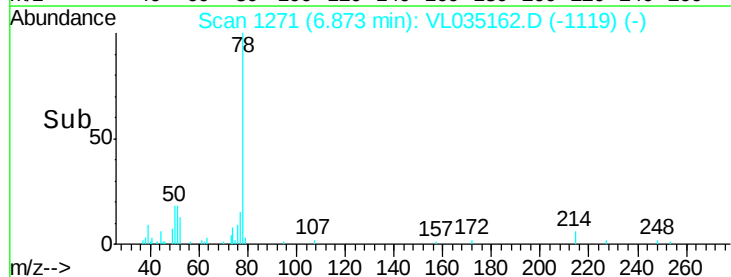
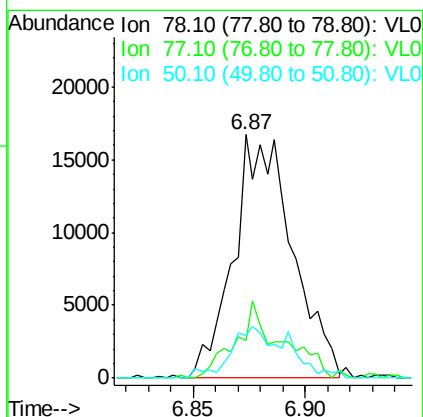
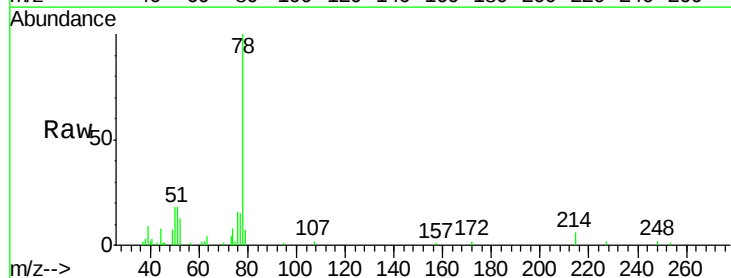
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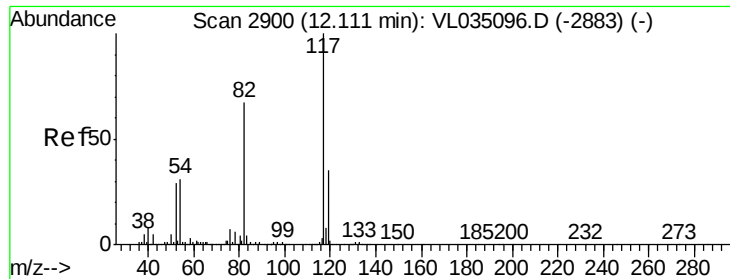
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#36
 Benzene
 Concen: 0.185 ppbv m
 RT: 6.87 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: VL035162.D
 Acq: 7 Jul 2020 1:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	15.4	17.8	26.6#
50	17.6	16.2	24.2





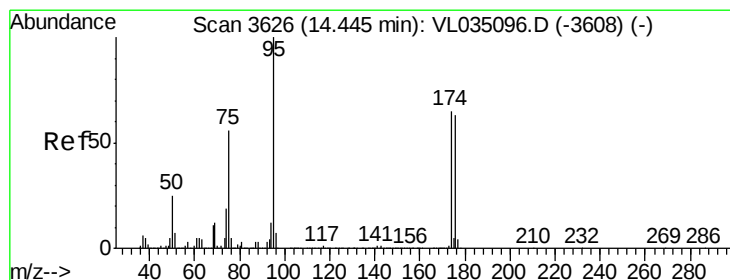
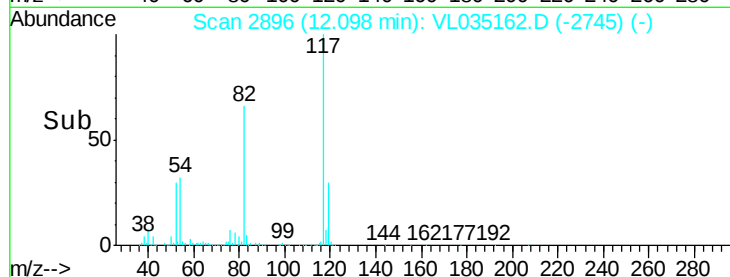
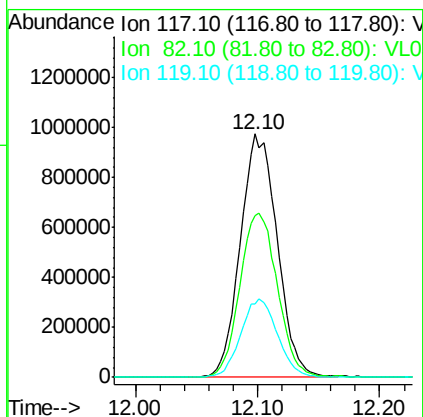
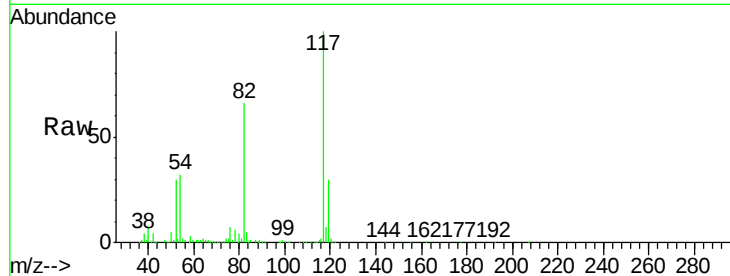
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL035162.D
Acq: 7 Jul 2020 1:30

Instrument :
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Tot Ion:117 Resp: 2036033
Ion Ratio Lower Upper
117 100
82 68.9 50.4 75.6
119 32.3 25.4 38.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.062 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035162.D
Acq: 7 Jul 2020 1:30

Tgt Ion: 95 Resp: 1701853
Ion Ratio Lower Upper
95 100
174 66.1 52.2 78.2
175 4.7 4.0 6.0

