

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040521\
 Data File : VL036682.D
 Acq On : 5 Apr 2021 21:17
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 5:14:00 PM

Quant Time: Apr 06 14:34:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1302414	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3340399	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2837673	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2340747	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	27827m	0.217	ppbv	
20) Methylene Chloride	4.35	84	12235m	0.204	ppbv	

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

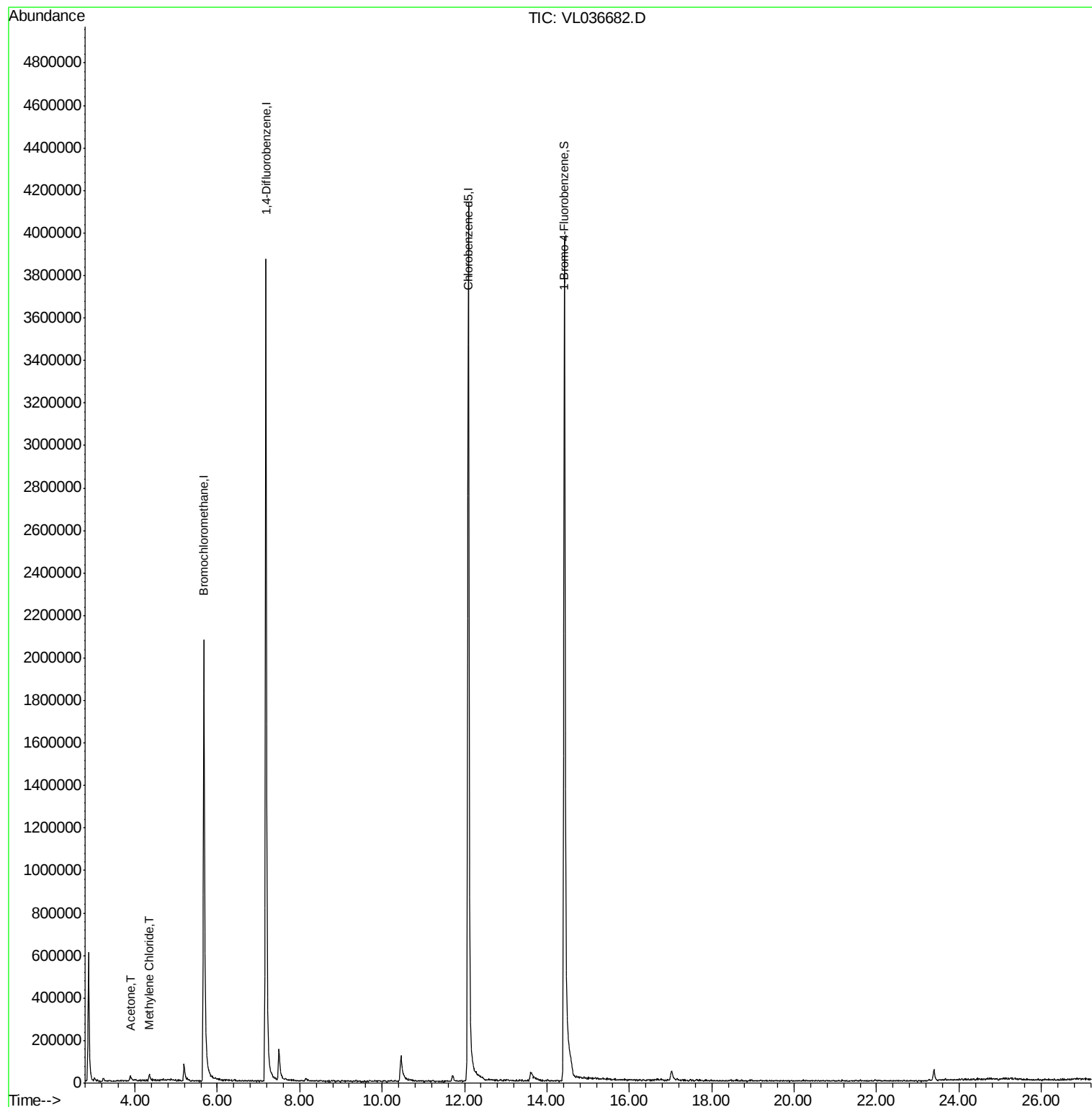
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040521\
Data File : VL036682.D
Acq On : 5 Apr 2021 21:17
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

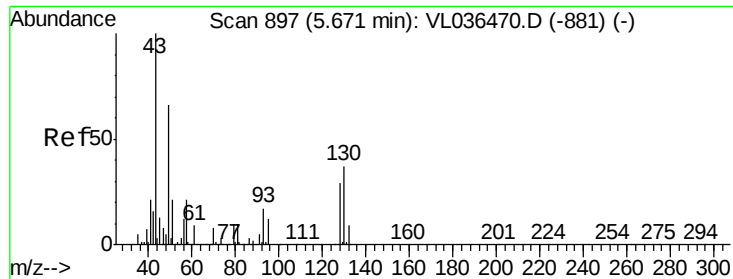
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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4/6/2021 5:14:00 PM

Quant Time: Apr 06 14:34:52 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL036682.D

Acq: 5 Apr 2021 21:17

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1302414

Ion Ratio Lower Upper

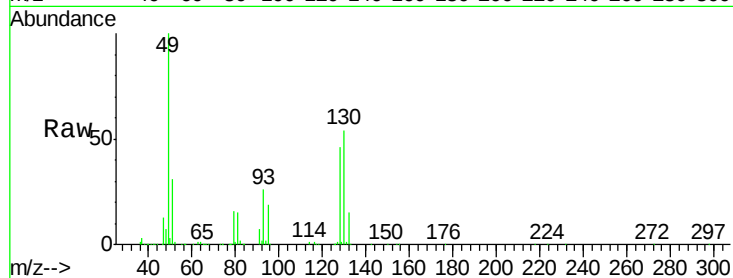
49 100

128 48.8 23.5 70.6

130 60.9 29.1 87.4

Manual Integrations
APPROVED

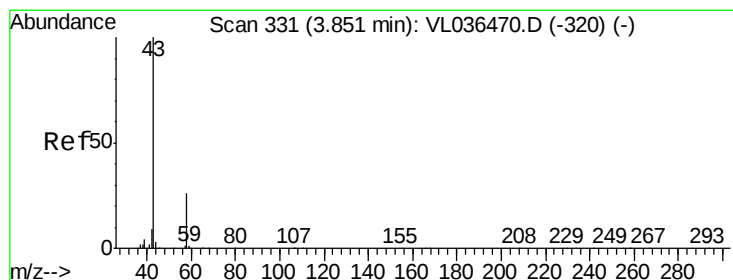
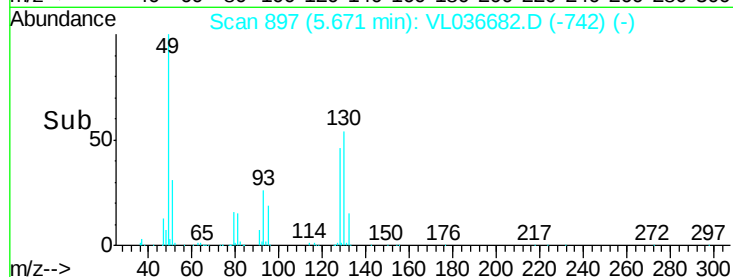
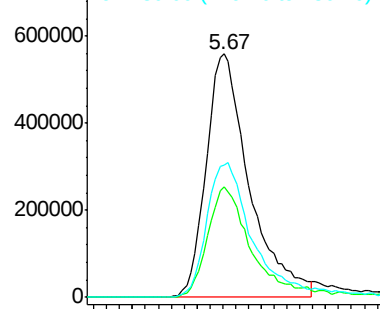
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.217 ppbv m

RT: 3.89 min Scan# 342

Delta R.T. 0.04 min

Lab File: VL036682.D

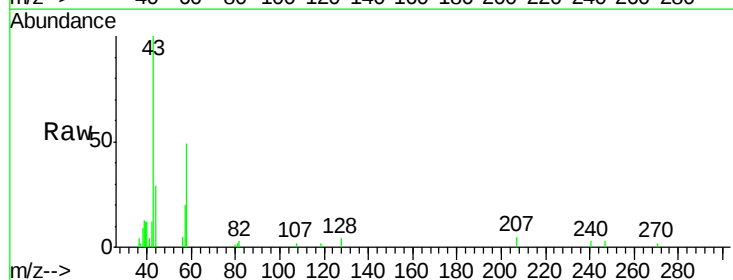
Acq: 5 Apr 2021 21:17

Tgt Ion: 43 Resp: 27827

Ion Ratio Lower Upper

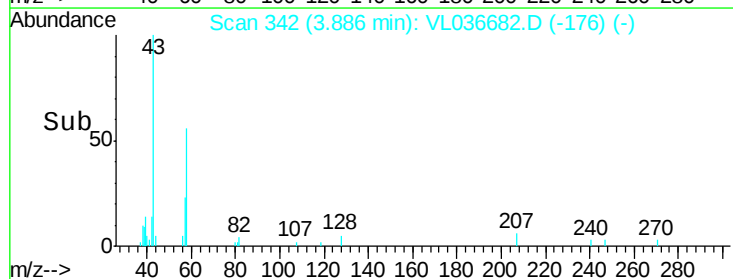
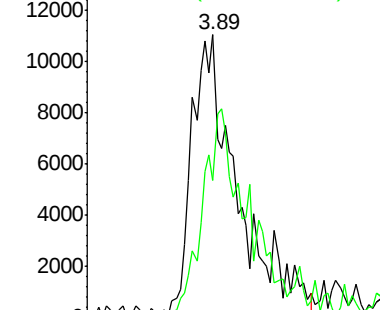
43 100

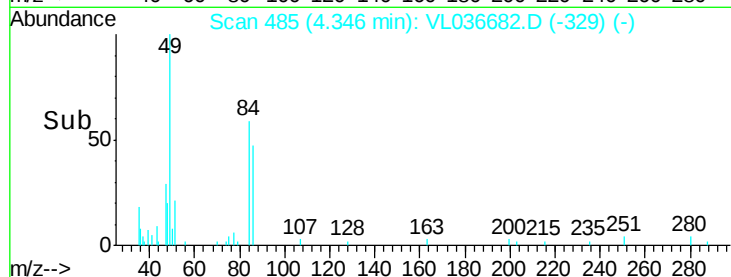
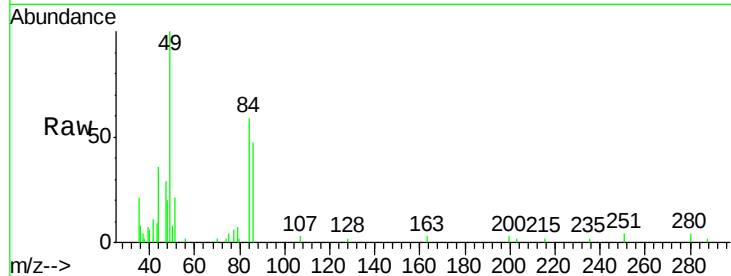
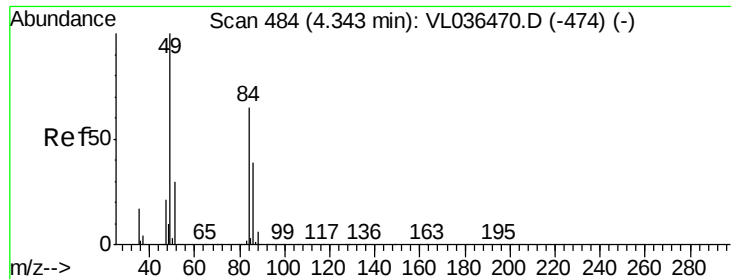
58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





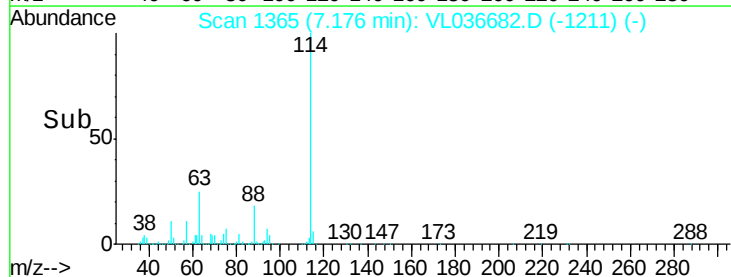
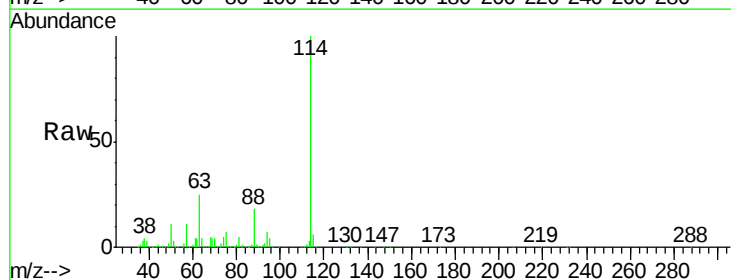
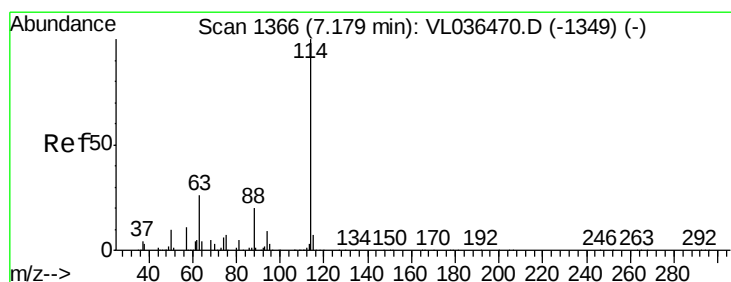
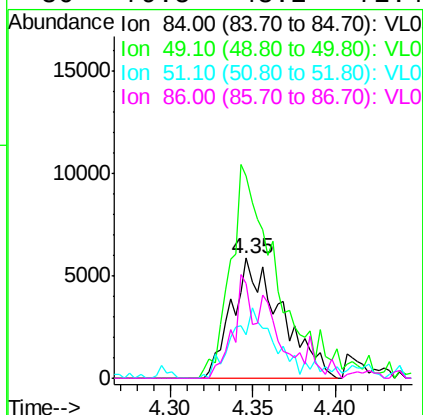
#20
Methvlene Chloride
Concen: 0.204 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL036682.D
Acq: 5 Apr 2021 21:17

Tot Ion	Ratio	Lower	Upper
84	100		
49	168.9	122.9	184.3
51	36.1	36.9	55.3#
86	79.5	48.2	72.4#

Instrument :
MSVOA_L
ClientSampled :
VIBLK

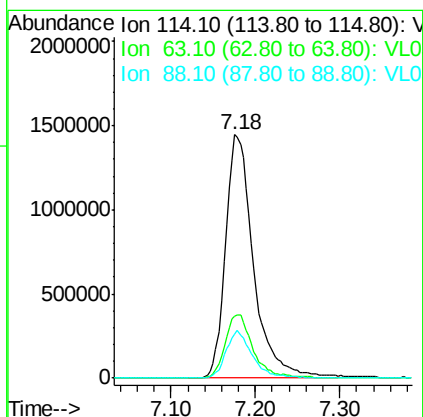
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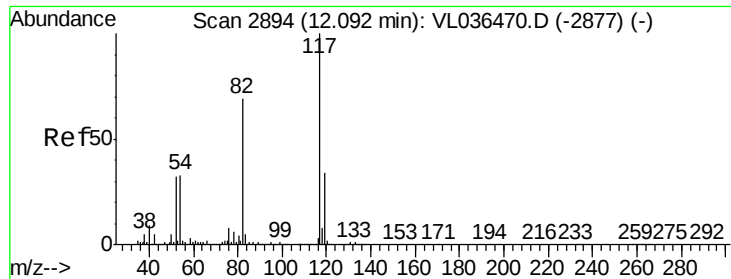
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036682.D
Acq: 5 Apr 2021 21:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.2	22.4	33.6
88	18.5	15.4	23.0





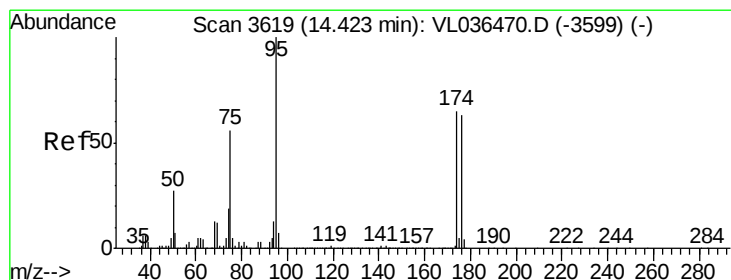
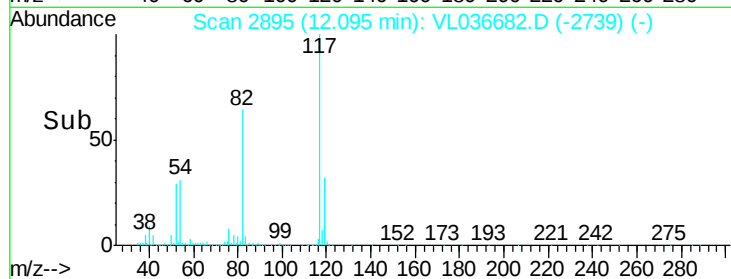
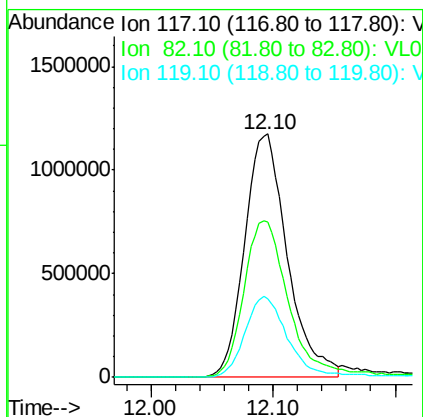
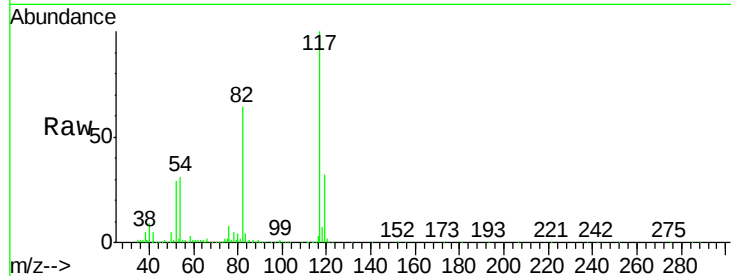
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL036682.D
Acq: 5 Apr 2021 21:17

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 2837673
Ion Ratio Lower Upper
117 100
82 68.4 57.4 86.0
119 34.6 47.4 71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.350 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL036682.D
Acq: 5 Apr 2021 21:17

Tgt Ion: 95 Resp: 2340747
Ion Ratio Lower Upper
95 100
174 66.3 51.0 76.6
175 4.7 3.9 5.9

