

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035461.D
 Acq On : 19 Aug 2020 9:01
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 11:07:44 AM

Quant Time: Aug 20 02:55:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1143116	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5256577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5197866	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3786450	10.41	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	18738m	0.142	ppbv	
20) Methylene Chloride	4.35	84	18473	0.174	ppbv #	64

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

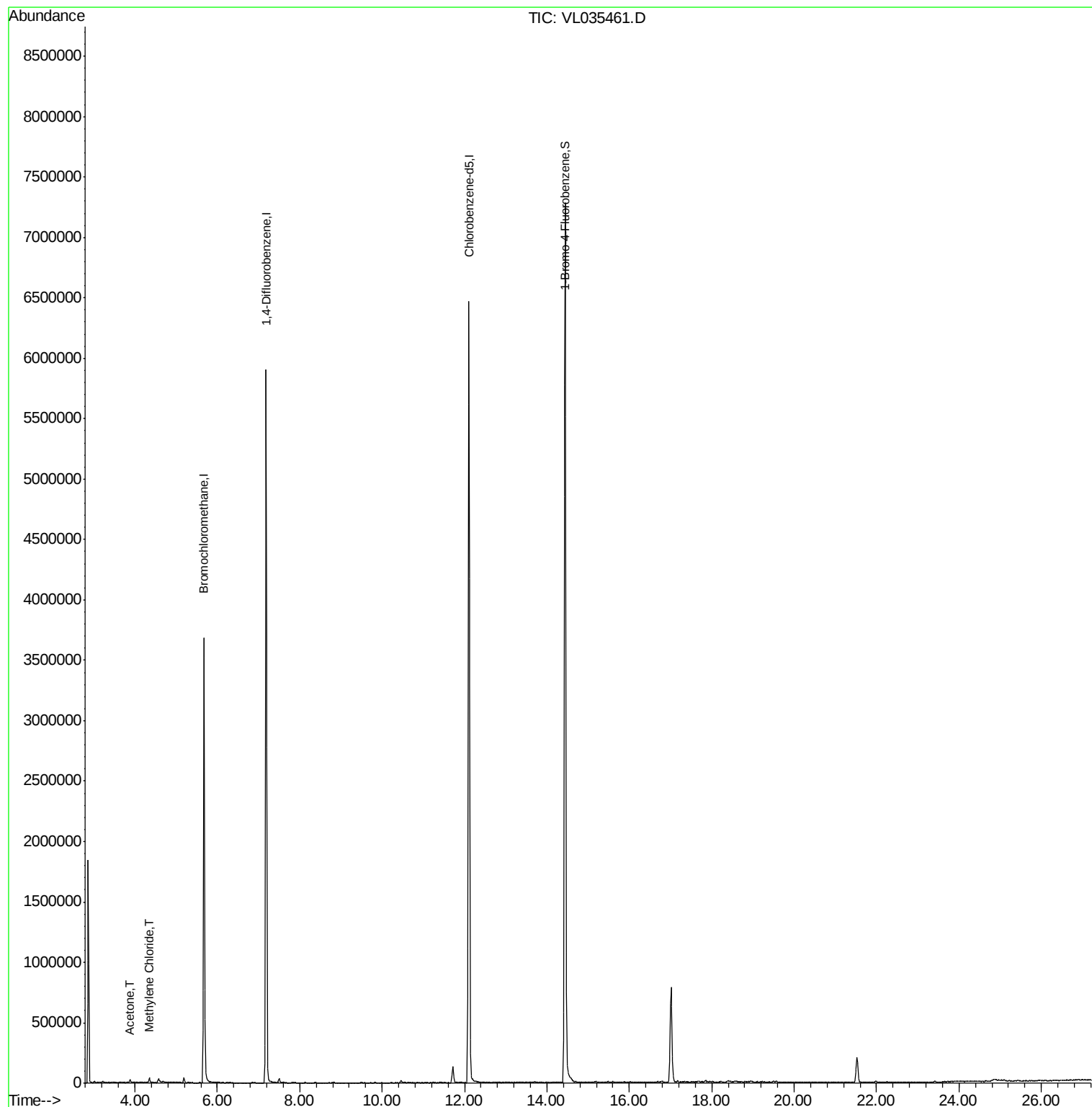
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081820\
Data File : VL035461.D
Acq On : 19 Aug 2020 9:01
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

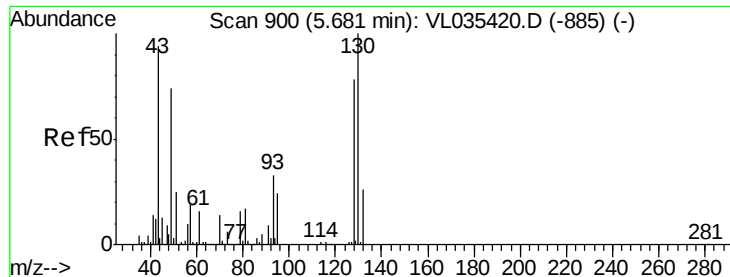
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Aug 20 02:55:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.00 min

Lab File: VL035461.D

Acq: 19 Aug 2020 9:01

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1143116

Ion Ratio Lower Upper

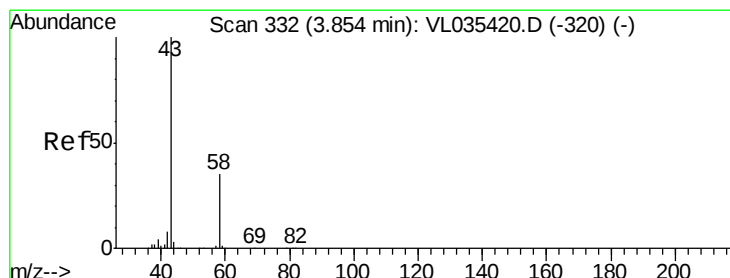
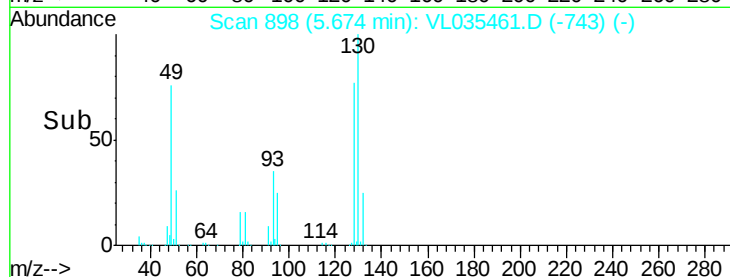
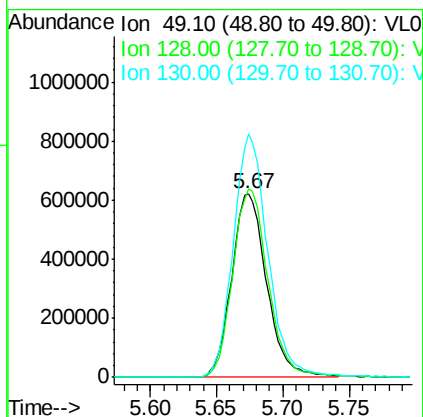
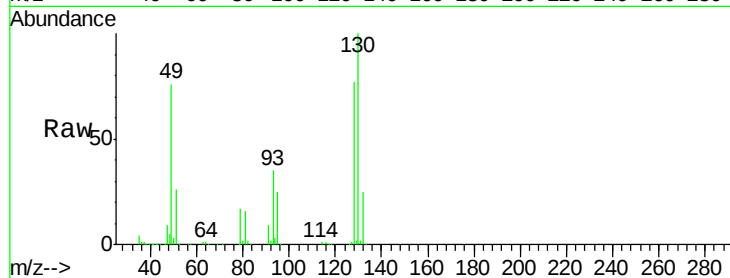
49 100

128 104.1 20.9 62.7#

130 132.0 26.7 80.1#

Manual Integrations
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#15

Acetone

Concen: 0.142 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL035461.D

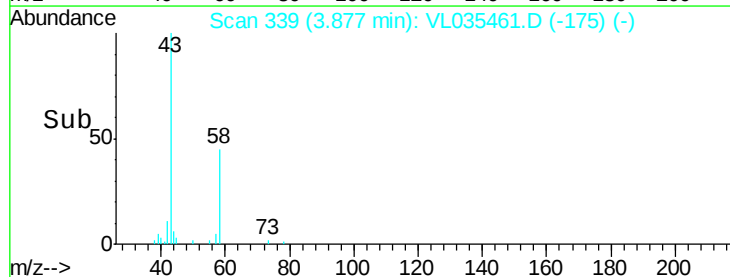
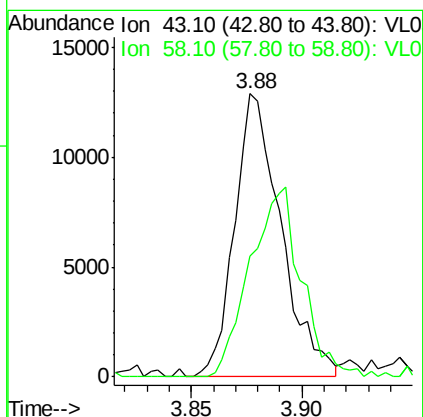
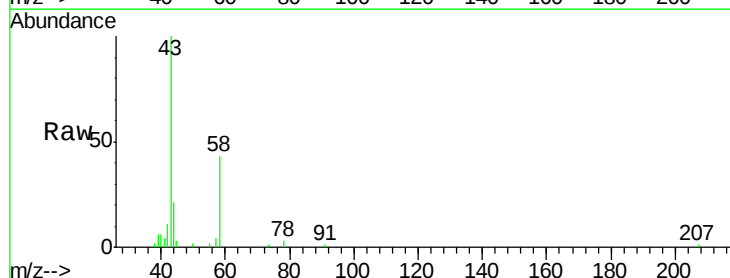
Acq: 19 Aug 2020 9:01

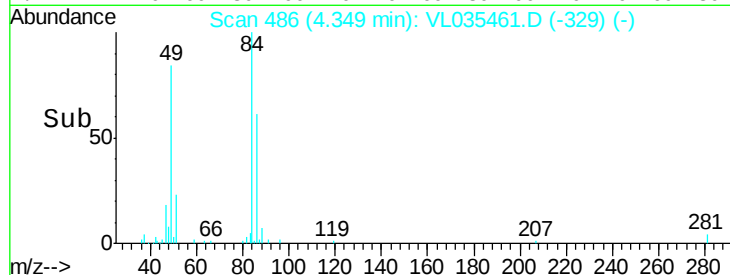
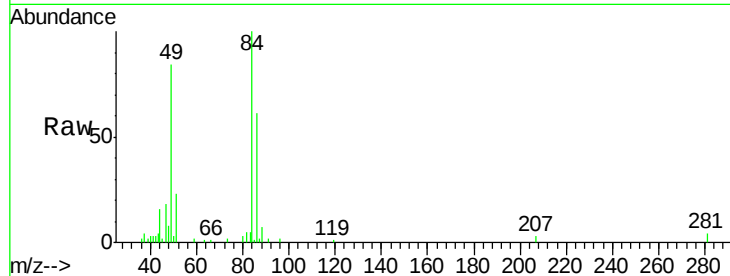
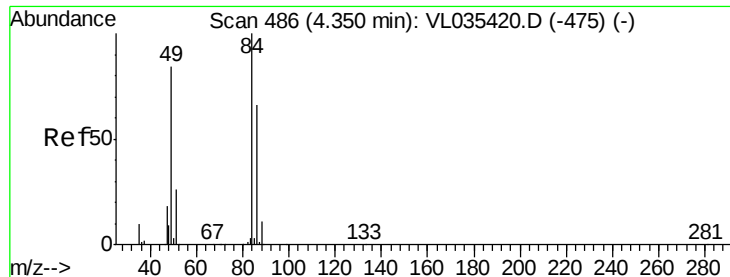
Tgt Ion: 43 Resp: 18738

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.6#





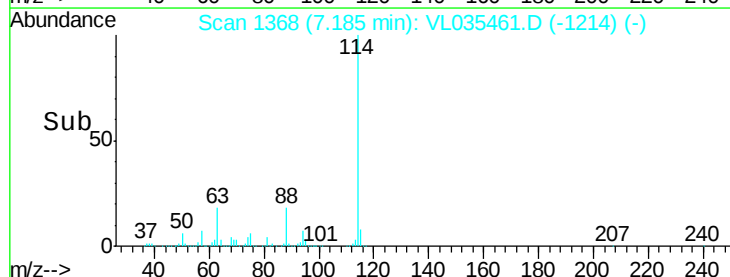
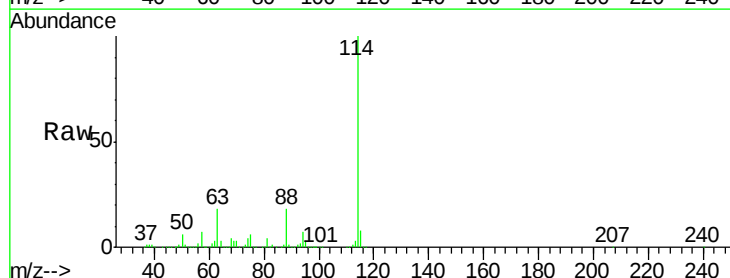
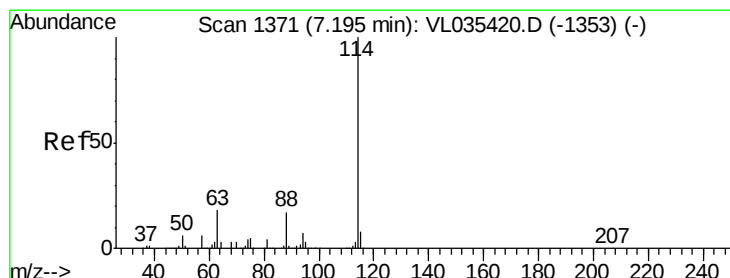
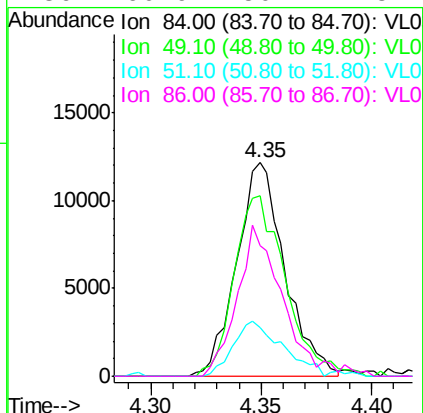
#20
Methylene Chloride
Concen: 0.174 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL035461.D
Acq: 19 Aug 2020 9:01

Tot Ion	84	Resp	18473
Ion Ratio	100	Lower	Upper
84	100		
49	84.3	118.6	177.8#
51	22.6	36.4	54.6#
86	60.9	50.2	75.4

Instrument :
MSVOA_L
ClientSampled :
VIBLK

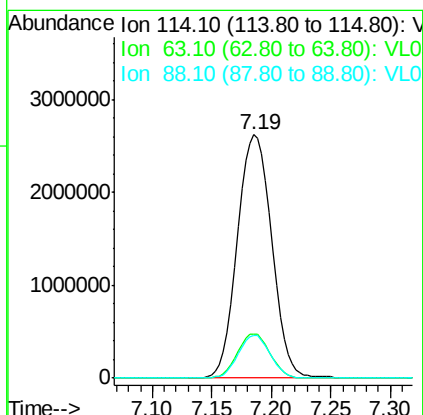
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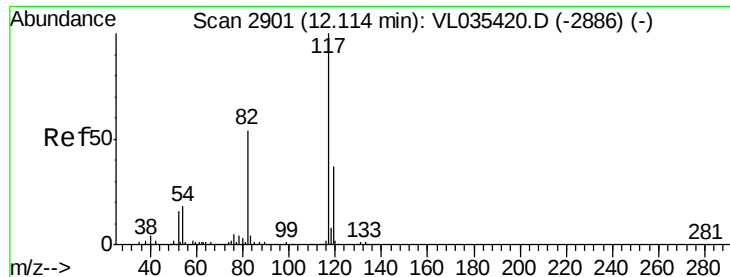
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL035461.D
Acq: 19 Aug 2020 9:01

Tgt Ion	114	Resp	5256577
Ion Ratio	100	Lower	Upper
114	100		
63	17.5	23.1	34.7#
88	16.5	15.9	23.9





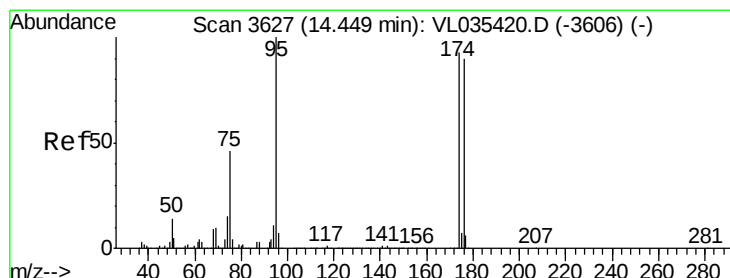
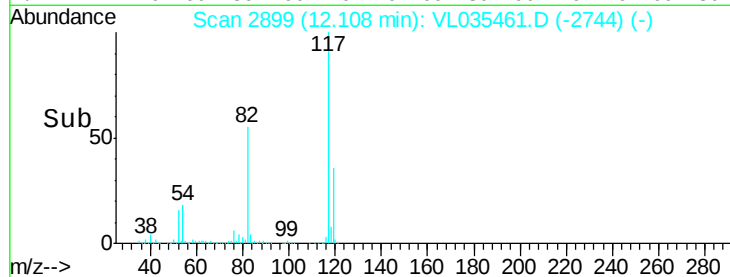
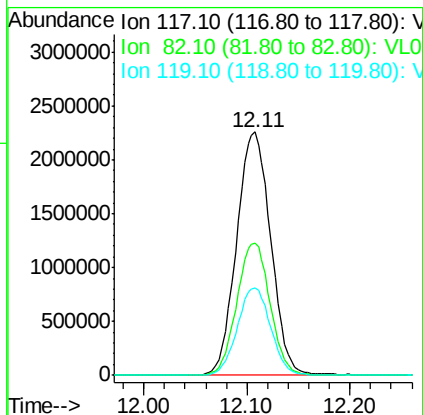
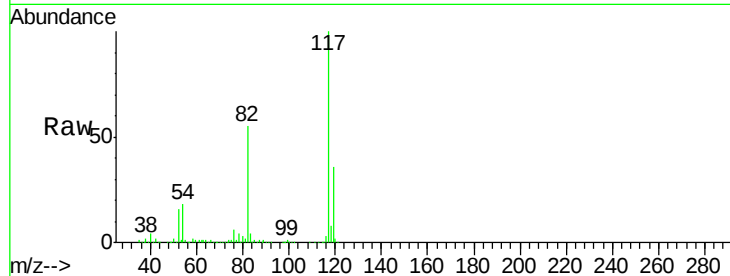
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035461.D
Acq: 19 Aug 2020 9:01

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 5197866
Ion Ratio Lower Upper
117 100
82 53.3 57.4 86.0#
119 35.2 28.4 42.6

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.405 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL035461.D
Acq: 19 Aug 2020 9:01

Tgt Ion: 95 Resp: 3786450
Ion Ratio Lower Upper
95 100
174 88.6 44.0 66.0#
175 6.6 3.2 4.8#

