

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036636.D
 Acq On : 1 Apr 2021 20:05
 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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 4/2/2021 6:55:13 PM

Quant Time: Apr 02 01:58:25 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	1147875	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2964382	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2617374	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1934122	9.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	38907m	0.344	ppbv	
20) Methylene Chloride	4.35	84	6000m	0.113	ppbv	

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

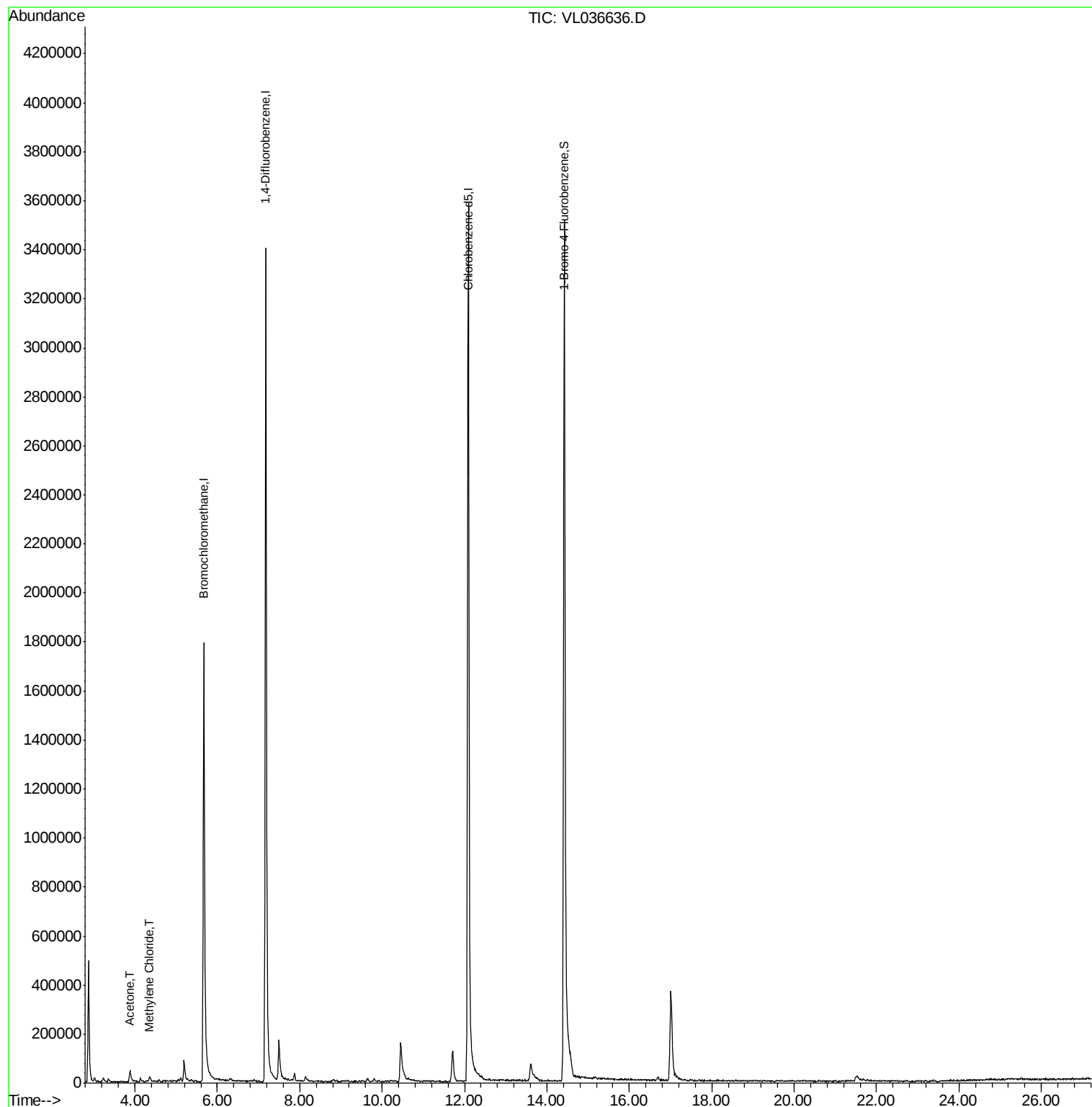
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040121\
Data File : VL036636.D
Acq On : 1 Apr 2021 20:05
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

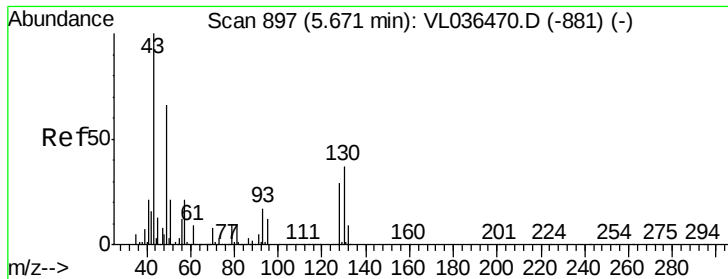
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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4/2/2021 6:55:13 PM

Quant Time: Apr 02 01:58:25 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# 896

Delta R.T. -0.00 min

Lab File: VL036636.D

Acq: 1 Apr 2021 20:05

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1147875

Ion Ratio Lower Upper

49 100

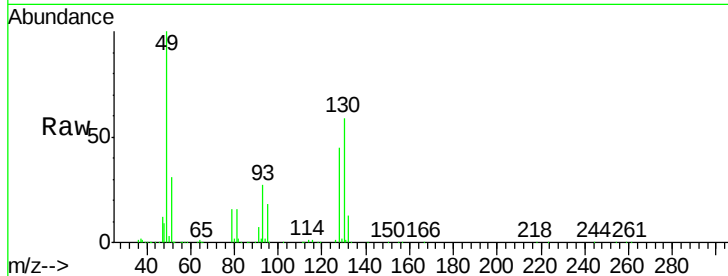
128 49.6 23.5 70.6

130 63.4 29.1 87.4

Manual Integrations
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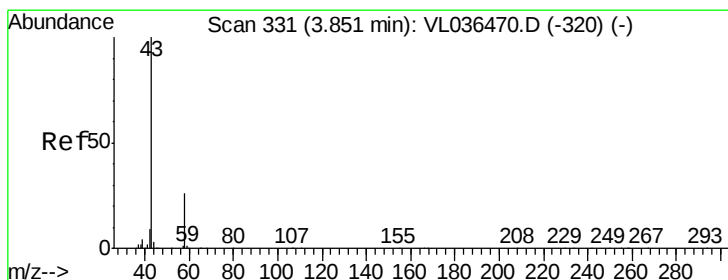
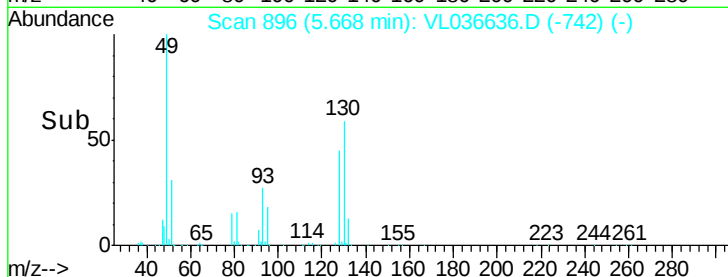
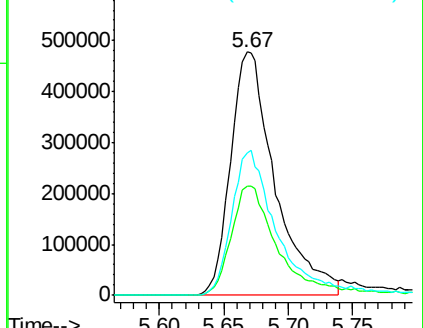
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.344 ppbv m

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL036636.D

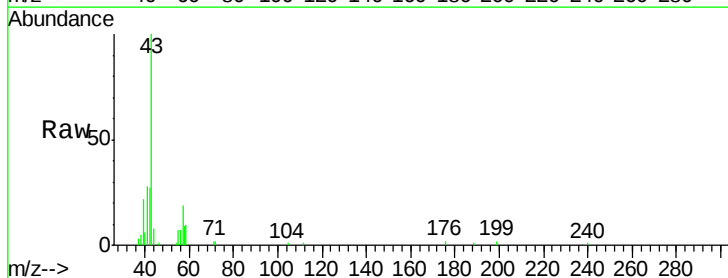
Acq: 1 Apr 2021 20:05

Tgt Ion: 43 Resp: 38907

Ion Ratio Lower Upper

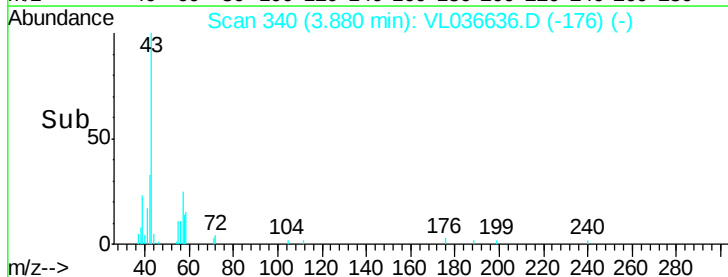
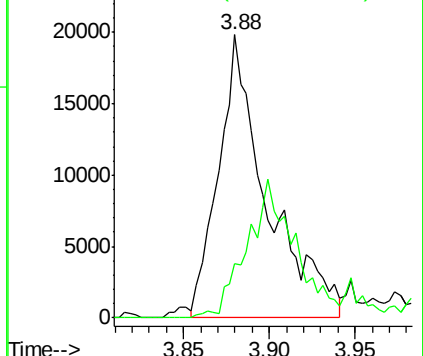
43 100

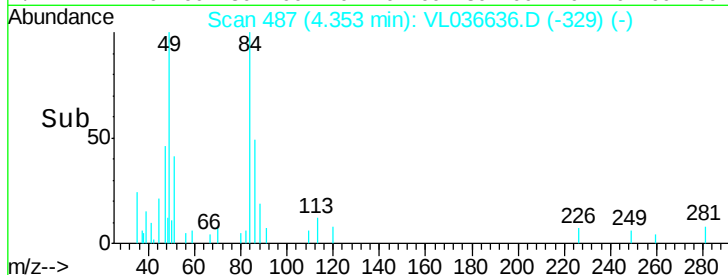
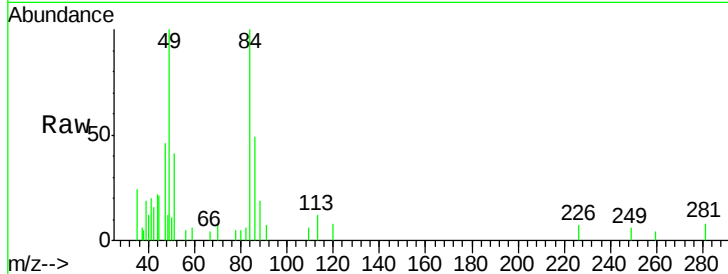
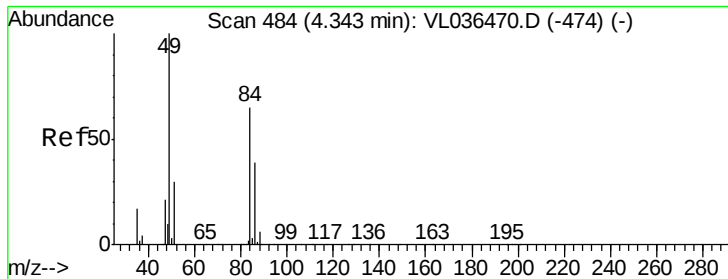
58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





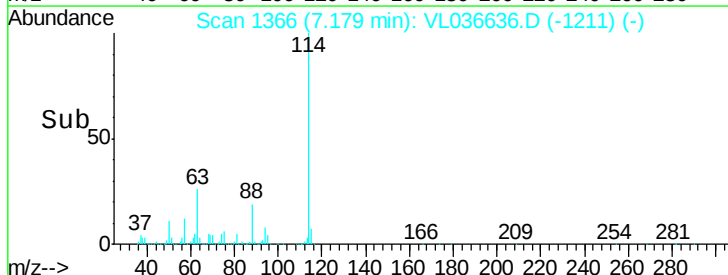
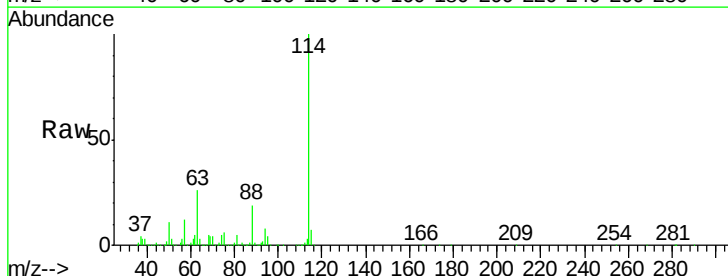
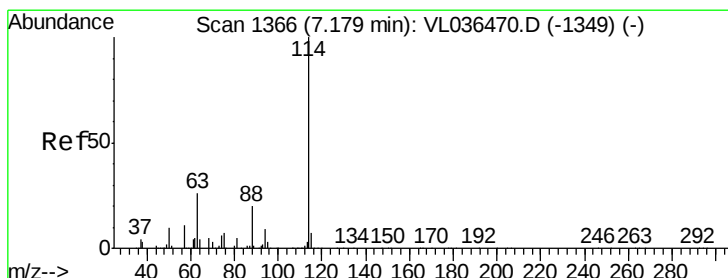
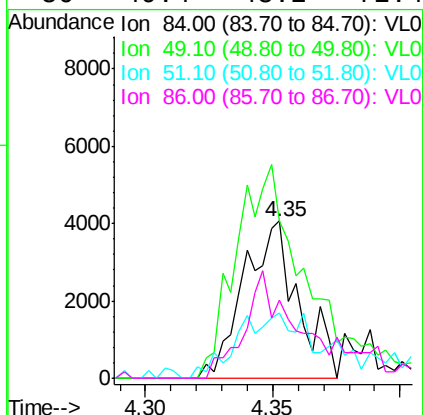
#20
Methvlene Chloride
Concen: 0.113 ppbv m
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036636.D
Acq: 1 Apr 2021 20:05

Tot Ion	Ratio	Lower	Upper
84	100		
49	100.4	122.9	184.3#
51	41.2	36.9	55.3
86	49.4	48.2	72.4

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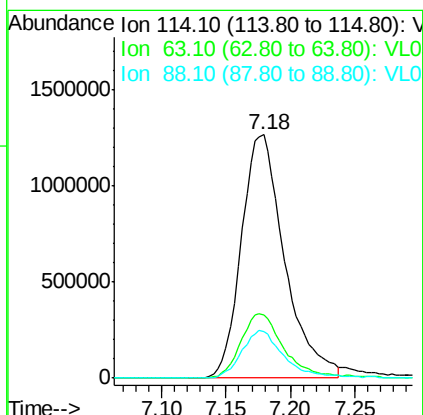
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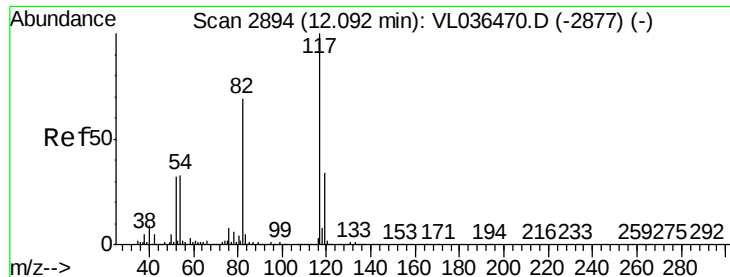
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL036636.D
Acq: 1 Apr 2021 20:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	19.6	15.4	23.0





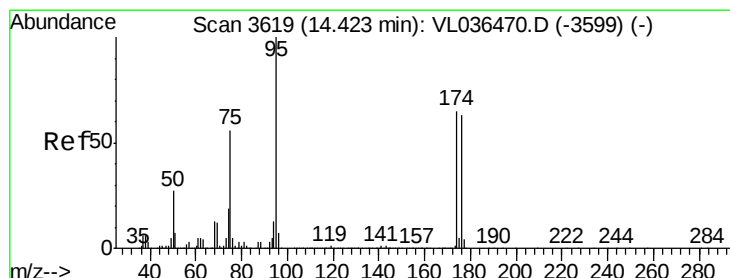
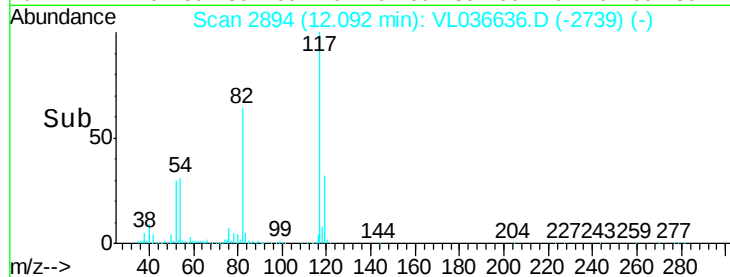
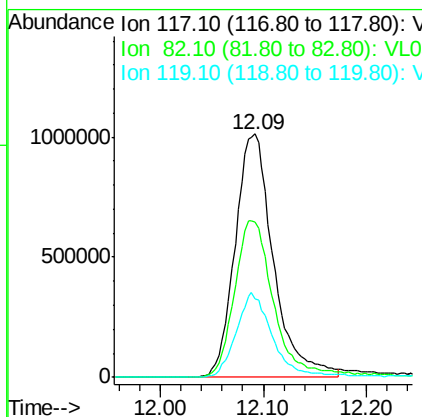
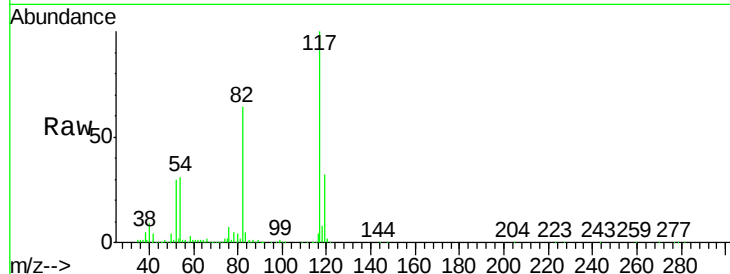
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL036636.D
Acq: 1 Apr 2021 20:05

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.7	57.4	86.0
119	33.4	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.272 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL036636.D
Acq: 1 Apr 2021 20:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	51.0	76.6#
175	5.7	3.9	5.9

