

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036819.D
 Acq On : 20 Apr 2021 12:11
 Operator : SY/AP
 Sample : VL0420ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0420ABL01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/21/2021
 Supervised By : Mahesh Dadoda 04/21/2021

Quant Time: Apr 21 11:46:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 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	1248422	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3129525	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2579682	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1938726	9.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	25480m	0.207	ppbv	
20) Methylene Chloride	4.35	84	22001m	0.382	ppbv	

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

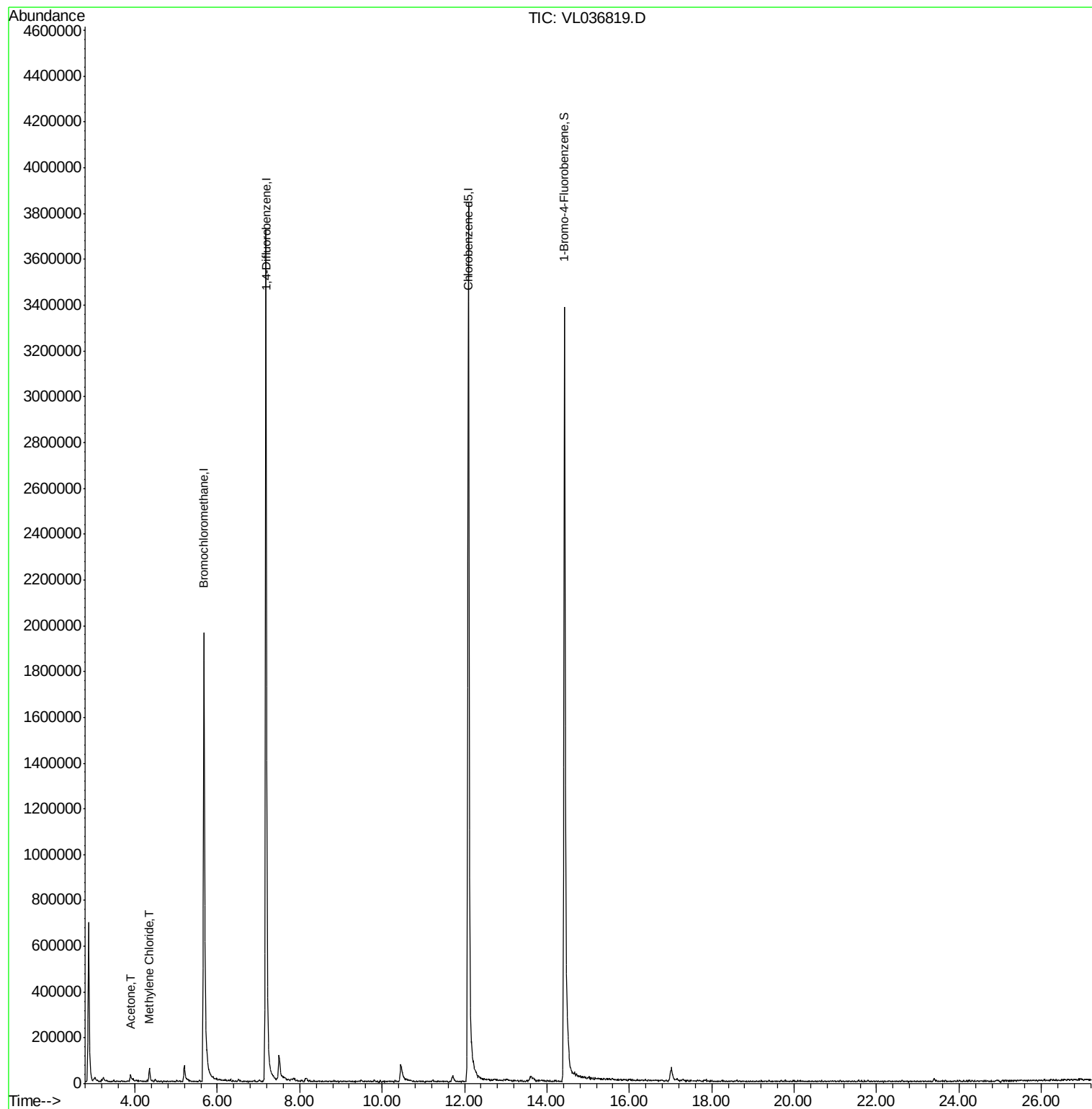
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Data File : VL036819.D
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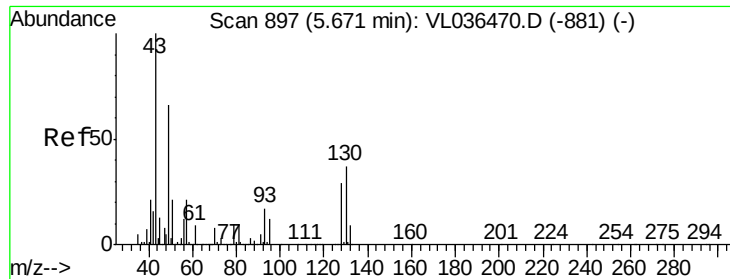
Instrument :
MSVOA_L
ClientSampleId :
VL0420ABL01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 12:11

Tot Ion:

Ion Ratio

49 100

128 47.

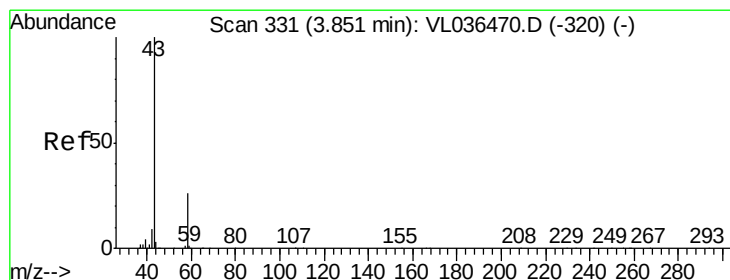
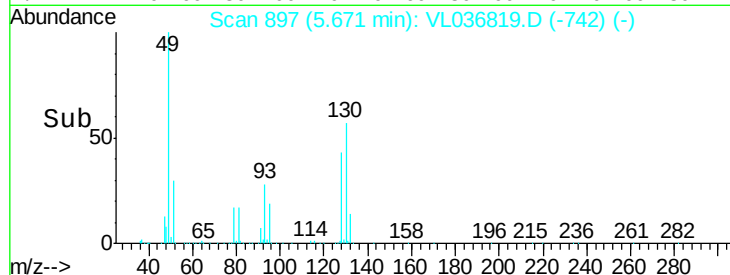
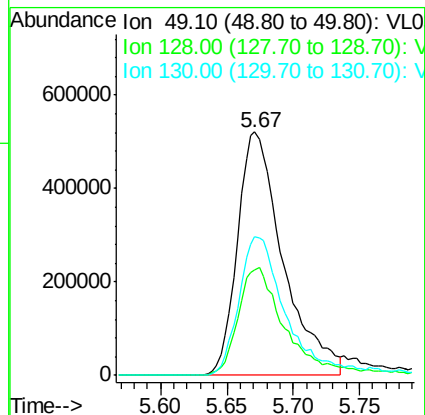
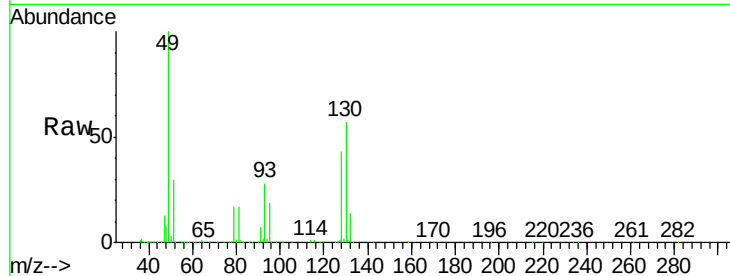
130 60.

Manual Integrations

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#15

Acetone

Concen: 0.207 ppbv m

RT: 3.89 min Scan# 343

Delta R.T. 0.04 min

Lab File: VL036819.D

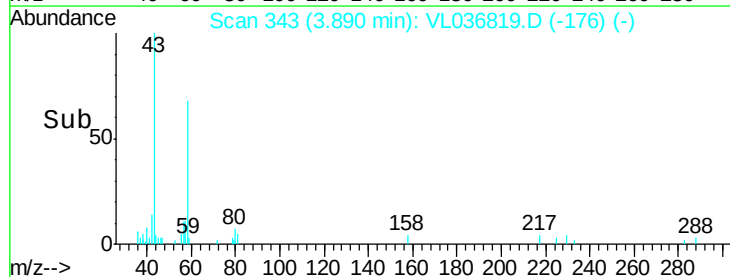
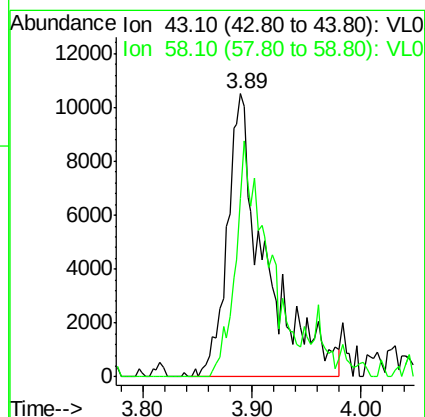
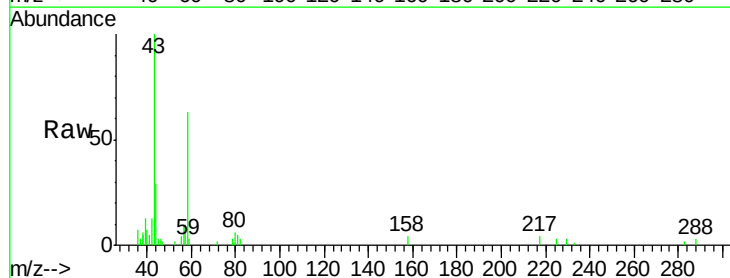
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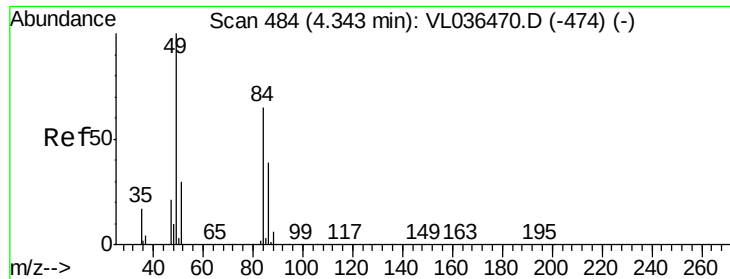
Tgt Ion: 43 Resp: 25480

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



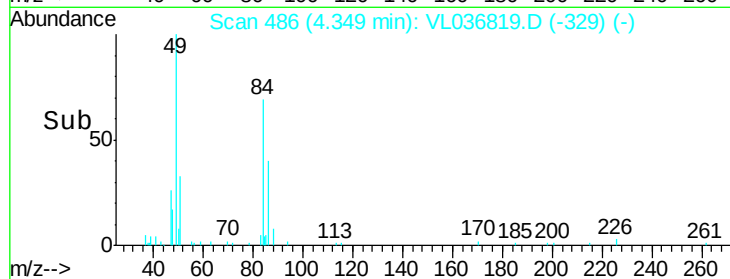
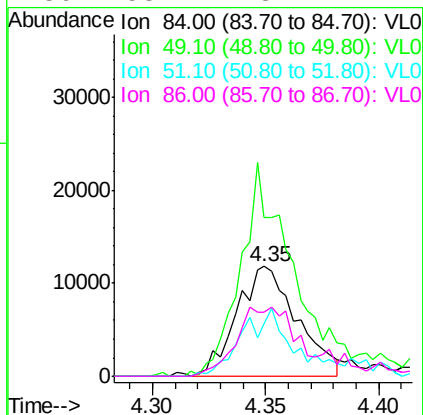
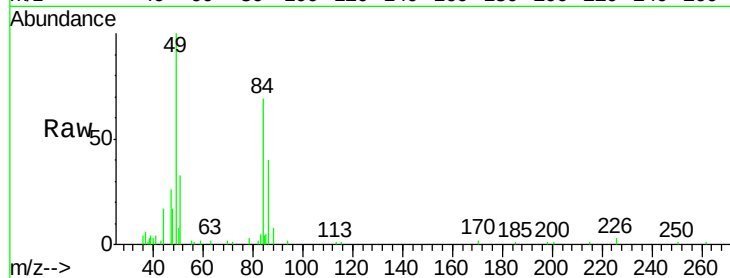


#20
Methylene Chloride
Concen: 0.382 ppbv m
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 12:11

Tot Ion:
Ion Ratio
84 100
49 144.
51 48.
86 58.1 48.2 72.4

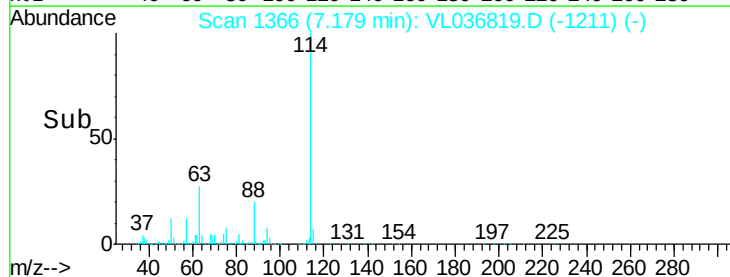
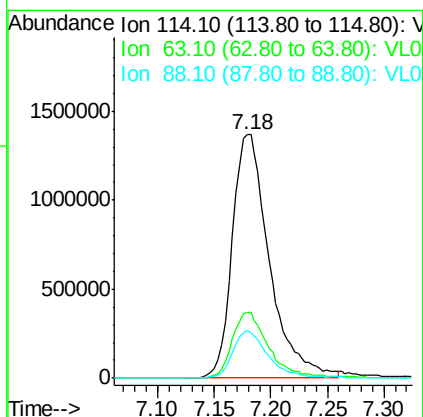
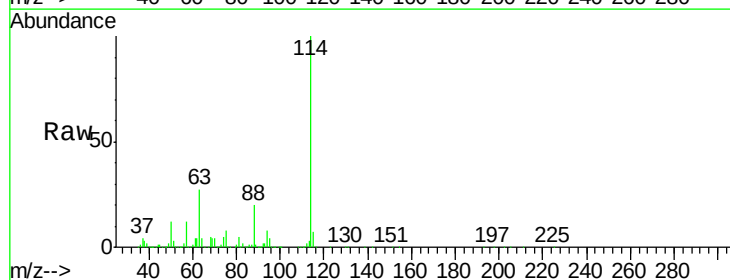
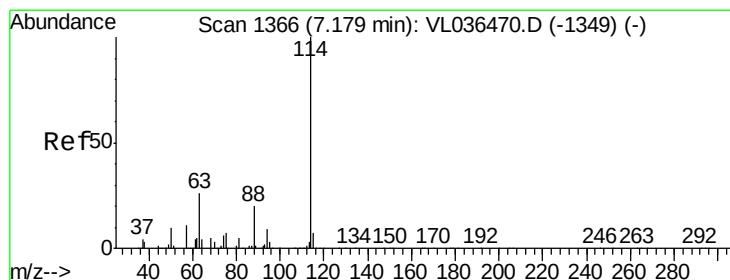
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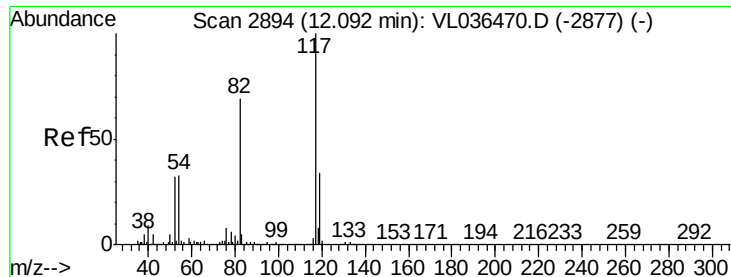
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL036819.D
Acq: 20 Apr 2021 12:11

Tgt Ion:114 Resp: 3129525
Ion Ratio Lower Upper
114 100
63 27.2 22.4 33.6
88 18.9 15.4 23.0



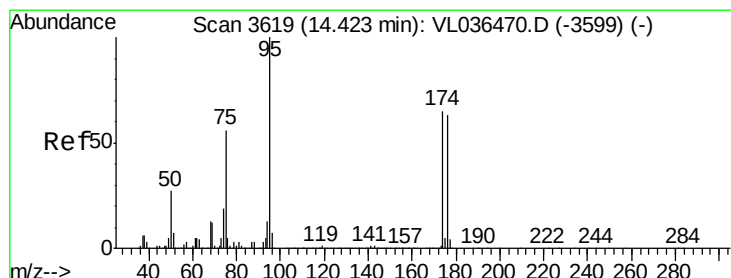
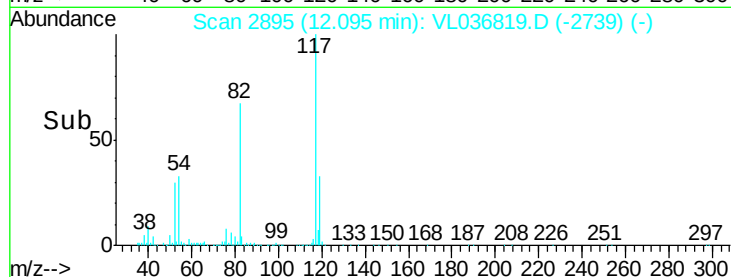
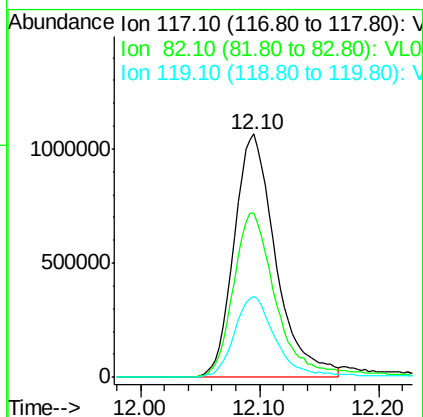
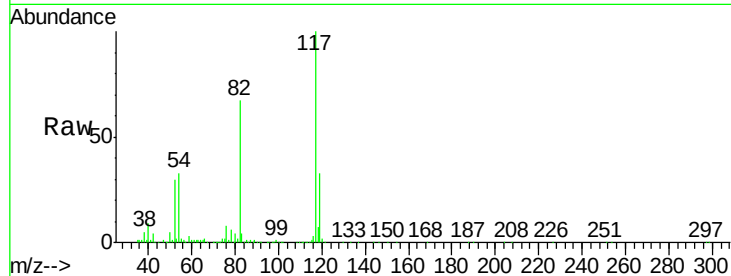


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0420ABL01
 Acq: 20 Apr 2021 12:11

Tot Ion: 1
 Ion Ratio
 117 100
 82 72.
 119 34.

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.429 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T.: 0.00 min
 Lab File: VL036819.D
 Acq: 20 Apr 2021 12:11

Tgt Ion: 95 Resp: 1938726
 Ion Ratio Lower Upper
 95 100
 174 63.3 51.0 76.6
 175 4.7 3.9 5.9

