

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036897.D
 Acq On : 6 May 2021 11:07
 Operator : SY/AP
 Sample : VL0506ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0506ABL01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/08/2021
 Supervised By : Mahesh Dadoda 05/10/2021

Quant Time: May 08 17:02:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1415529	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3222016	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2861230	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2243785	9.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	32187m	0.241	ppbv	
20) Methylene Chloride	4.34	84	10540m	0.165	ppbv	

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

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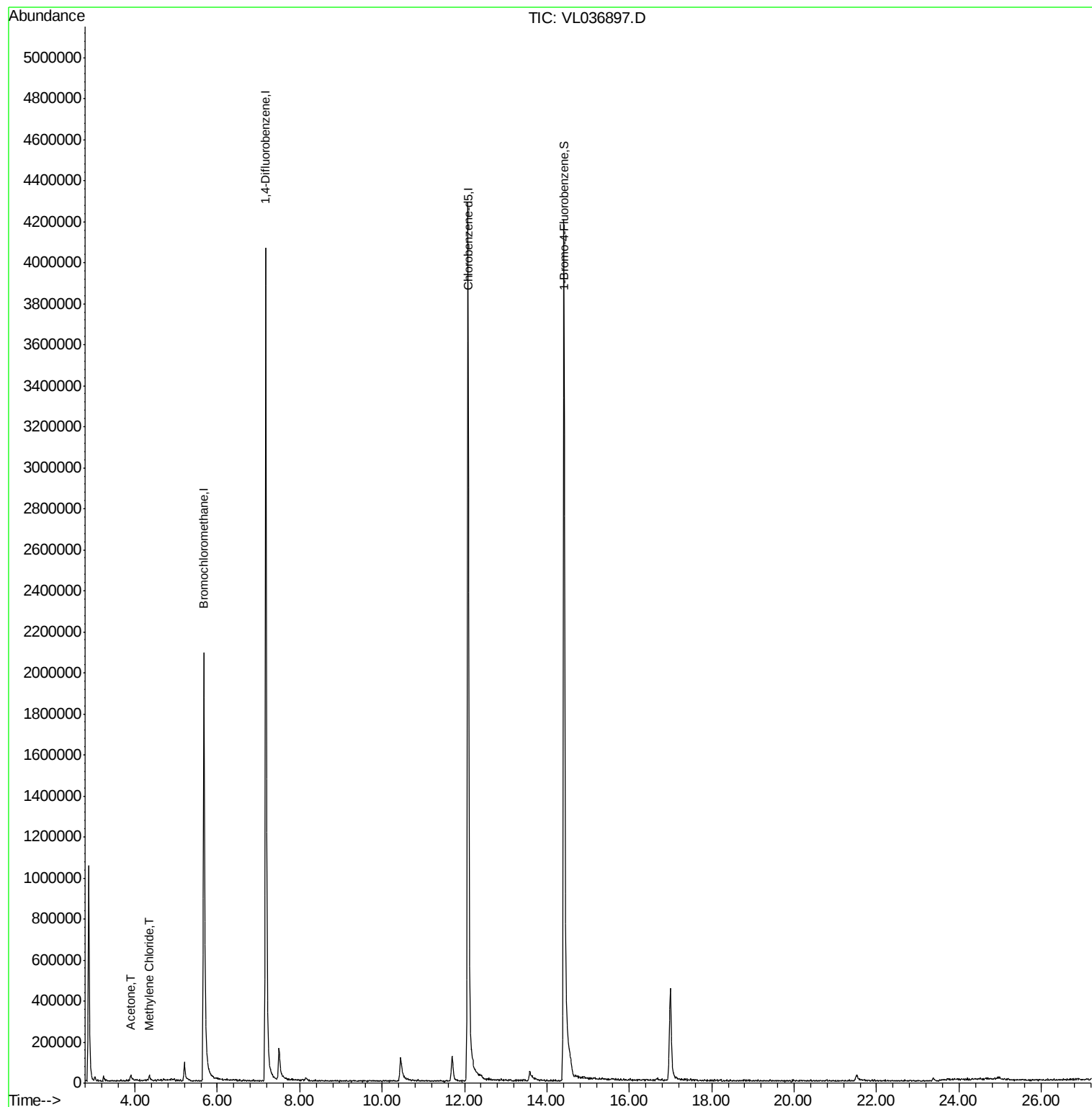
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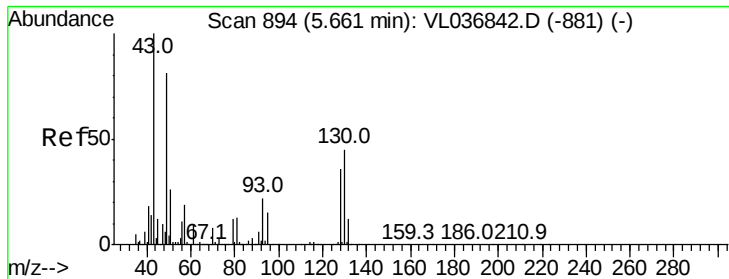
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Apr 27 16:56:35 2021

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 6 May 2021 11:07

Tot Ion:

Ion Ratio

49 100

128 45.

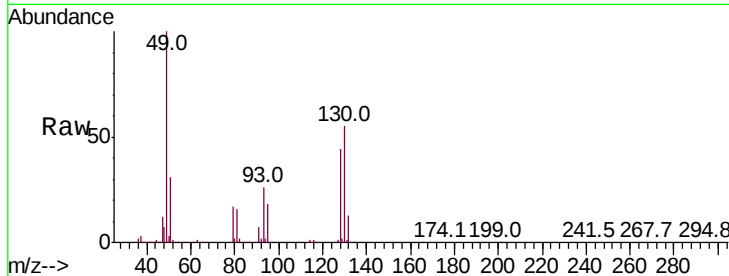
130 58.

Manual Integrations

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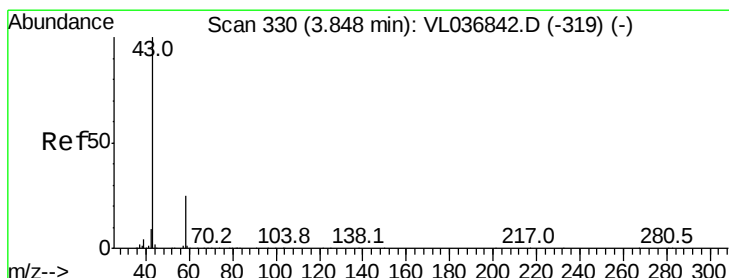
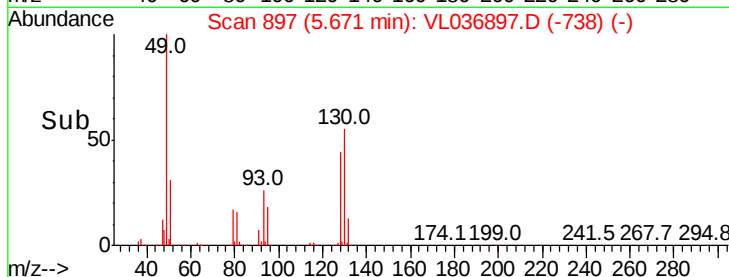
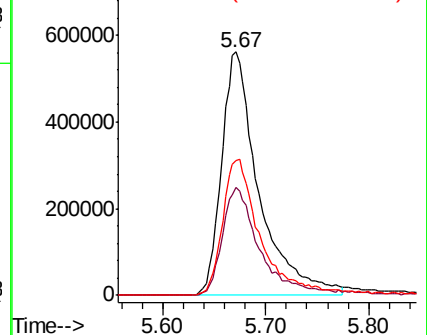
Supervised By :Mahesh Dadoda 05/10/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.241 ppbv m

RT: 3.89 min Scan# 343

Delta R.T. 0.04 min

Lab File: VL036897.D

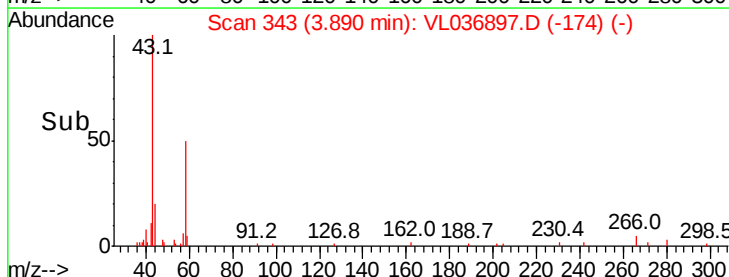
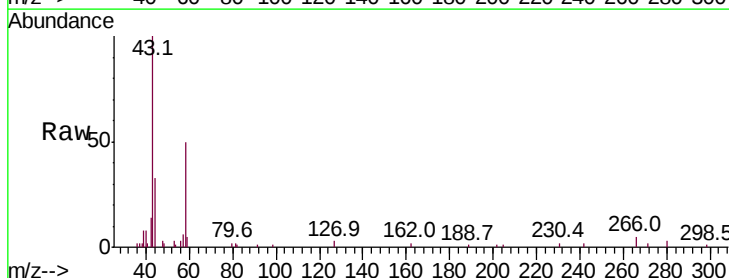
Acq: 6 May 2021 11:07

Tgt Ion: 43 Resp: 32187

Ion Ratio Lower Upper

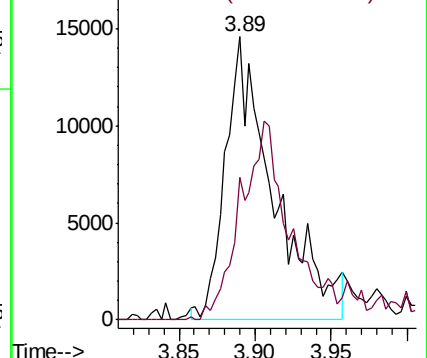
43 100

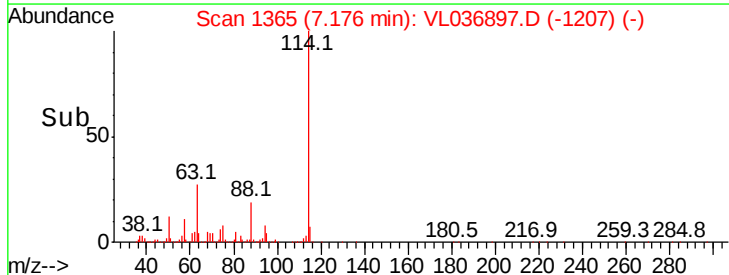
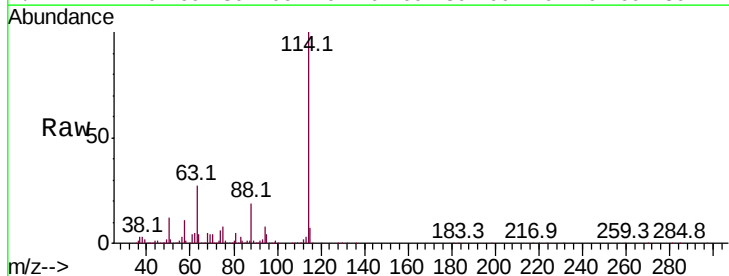
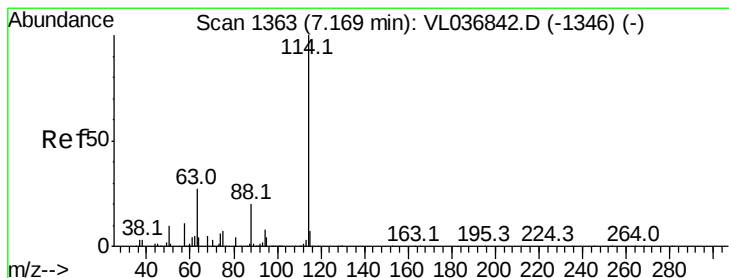
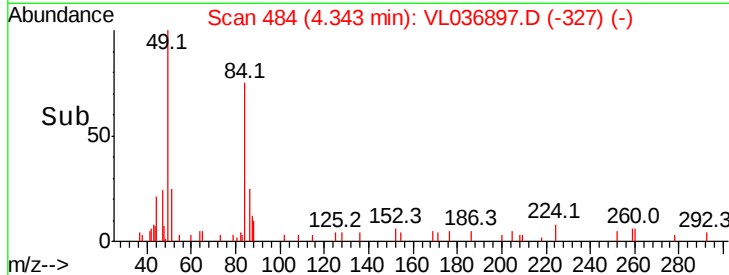
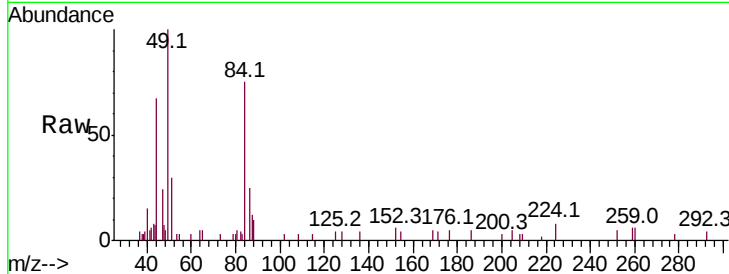
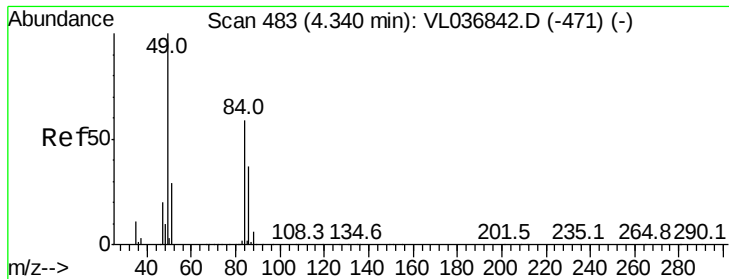
58 0.0 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



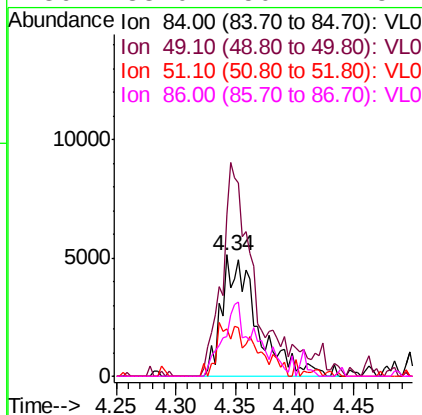


#20
Methylene Chloride
Concen: 0.165 ppbv m
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 May 2021 11:07

Tot Ion:
Ion Ratio
84 100
49 133.
51 39.
86 33.0 50.2 75.2#

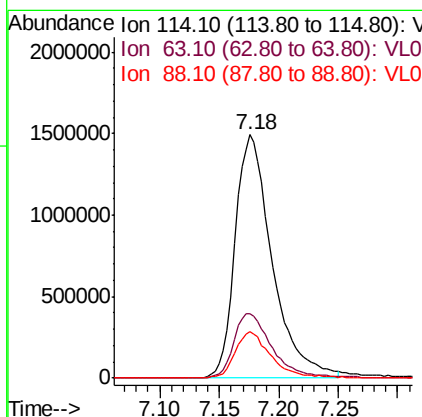
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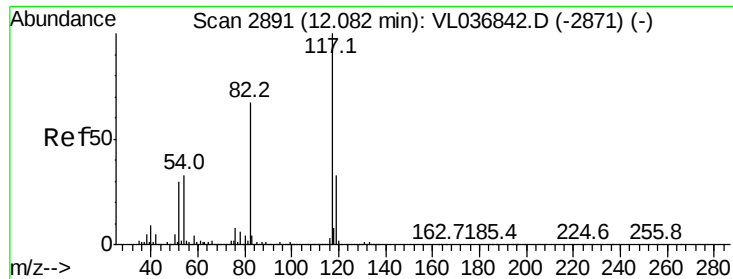
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VL036897.D
Acq: 6 May 2021 11:07

Tgt Ion:114 Resp: 3222016
Ion Ratio Lower Upper
114 100
63 27.6 21.9 32.9
88 19.0 15.1 22.7



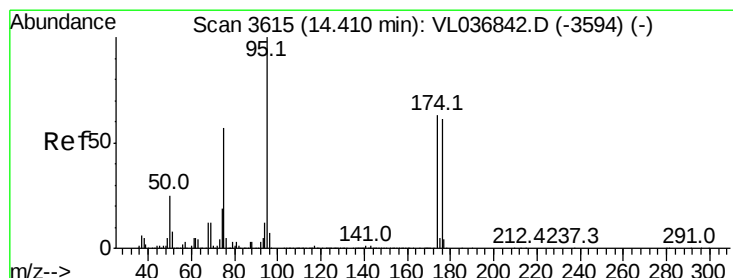
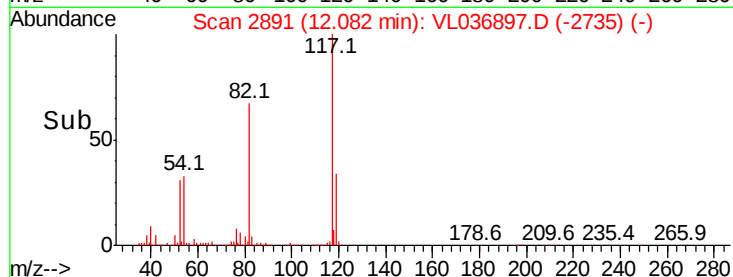
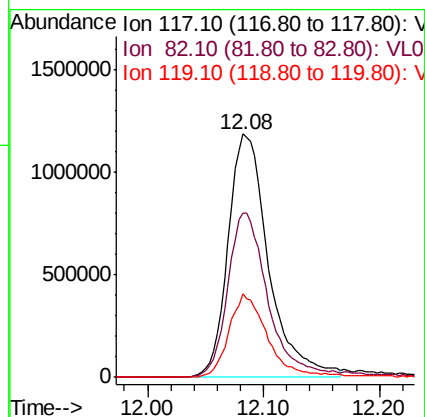
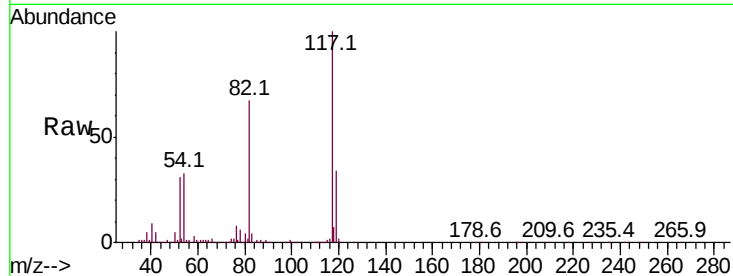


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0506ABL01
Acq: 6 May 2021 11:07

Tot Ion: 1
Ion Ratio
117 100
82 69.
119 34.

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.769 ppbv
RT: 14.41 min Scan# 3616
Delta R.T.: 0.00 min
Lab File: VL036897.D
Acq: 6 May 2021 11:07

Tgt Ion: 95 Resp: 2243785
Ion Ratio Lower Upper
95 100
174 67.6 52.2 78.2
175 4.7 4.0 6.0

