

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
 Data File : VL036958.D
 Acq On : 18 May 2021 7:41
 Operator : SY/AP
 Sample : VL0518ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0518ABL01

Manual Integrations
 APPROVED

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 5/20/2021 5:54:29 PM

Quant Time: May 19 12:59:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1263503	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3631717	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3492153	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2697911	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	32620m	0.252	ppbv	
20) Methylene Chloride	4.33	84	10177m	0.147	ppbv	

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

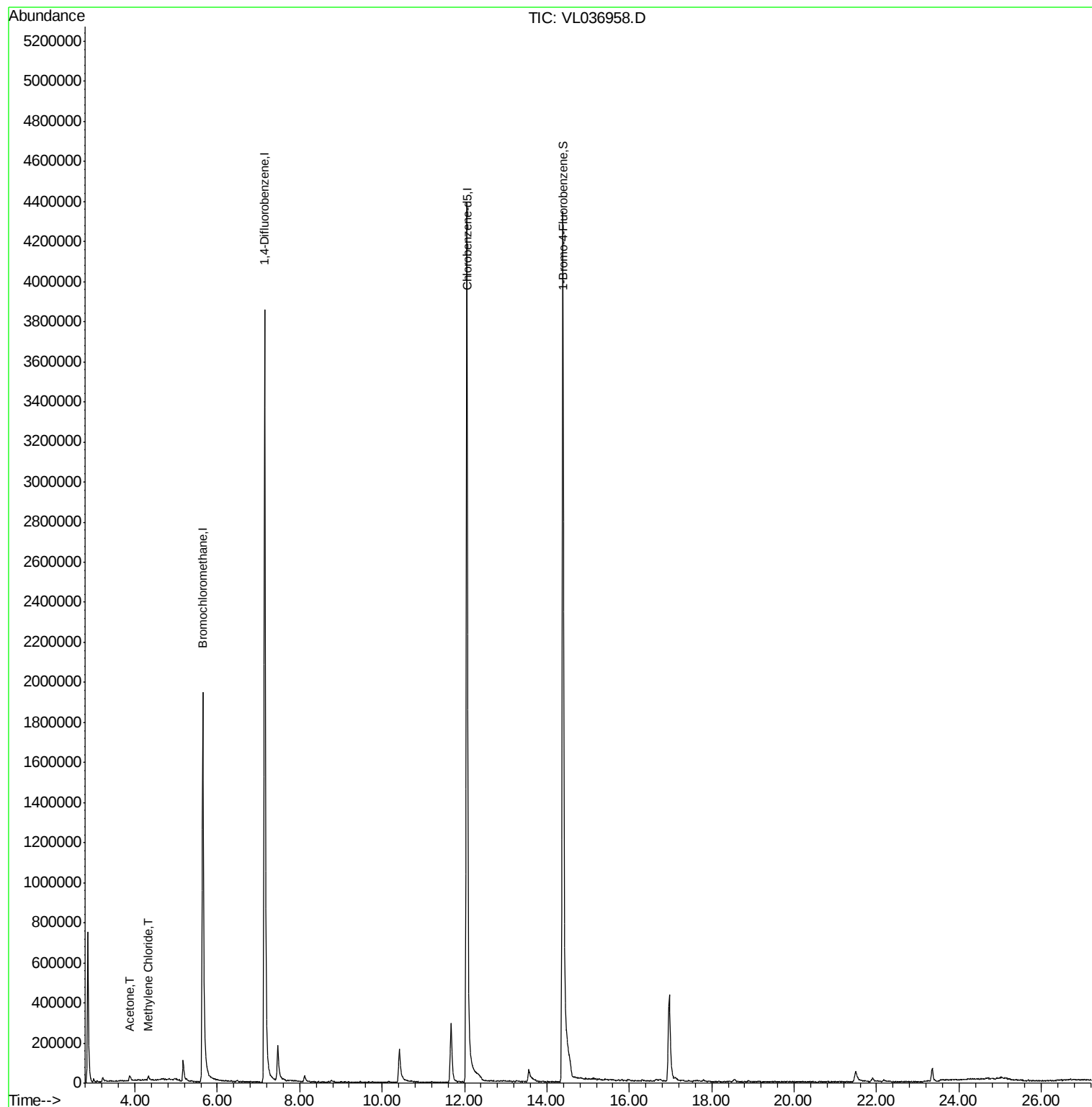
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Data File : VL036958.D
Acq On : 18 May 2021 7:41
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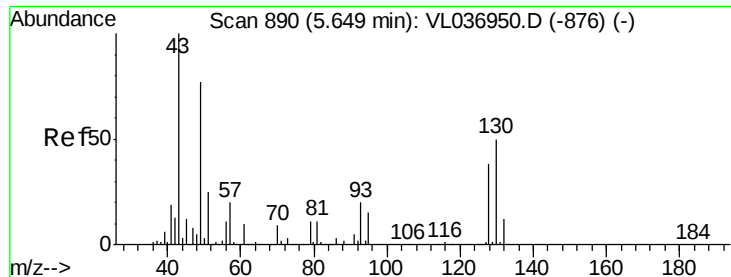
Instrument :
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Quant Time: May 19 12:59:40 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.01 min

Lab File: VL036958.D

Acq: 18 May 2021 7:41

Instrument :

MSVOA_L

ClientSampleId :

VL0518ABL01

Tot Ion: 49 Resp: 1263503

Ion Ratio Lower Upper

49 100

128 53.6 26.9 80.7

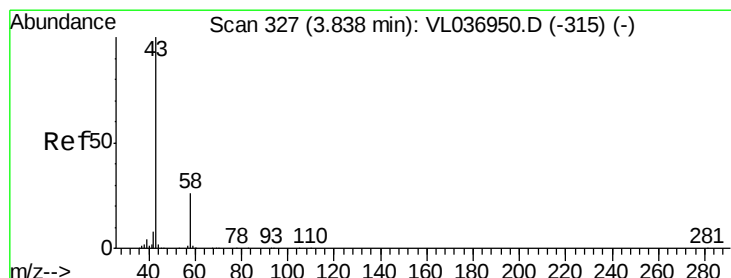
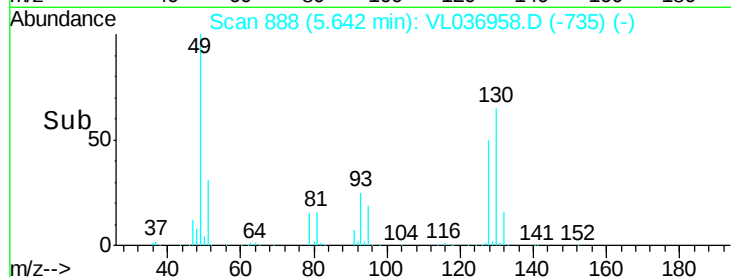
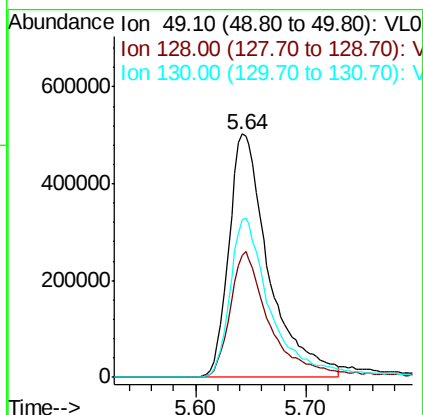
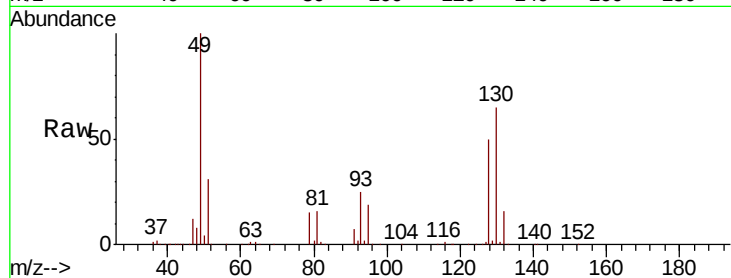
130 68.4 33.8 101.4

Manual Integrations

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#15

Acetone

Concen: 0.252 ppbv m

RT: 3.87 min Scan# 337

Delta R.T. 0.03 min

Lab File: VL036958.D

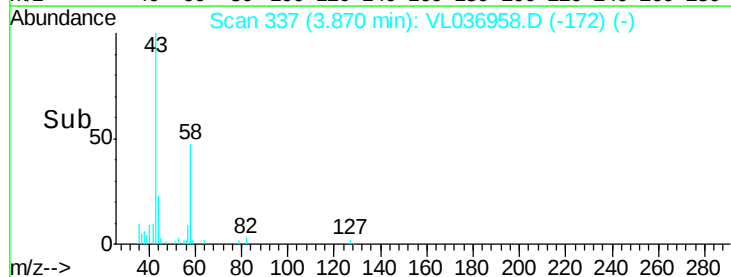
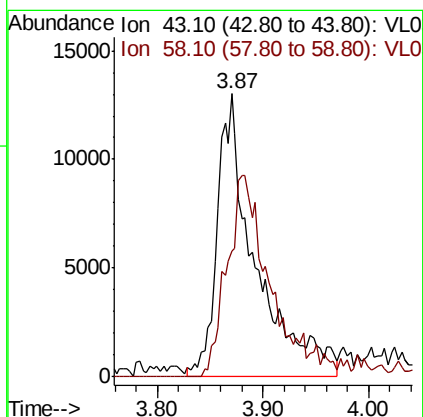
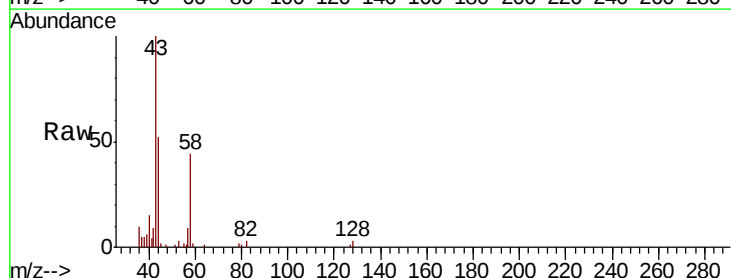
Acq: 18 May 2021 7:41

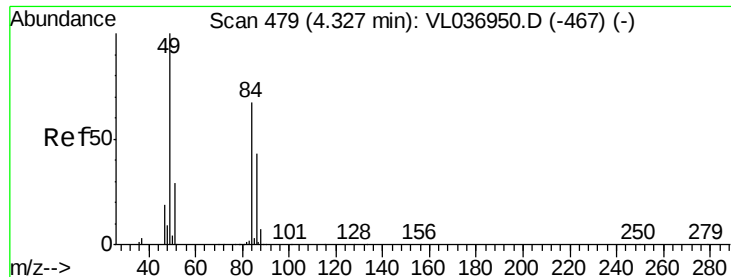
Tgt Ion: 43 Resp: 32620

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#





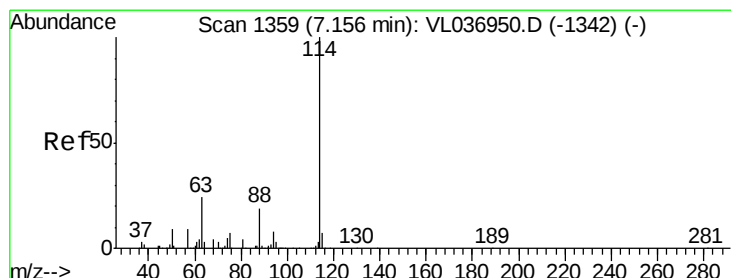
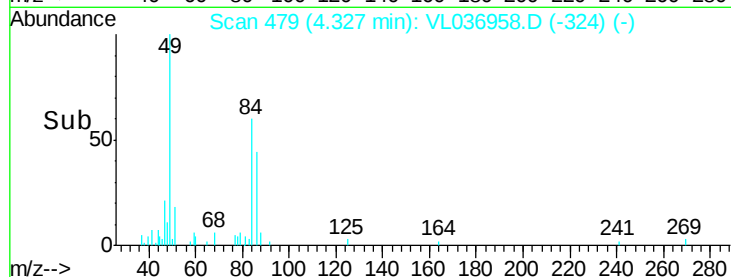
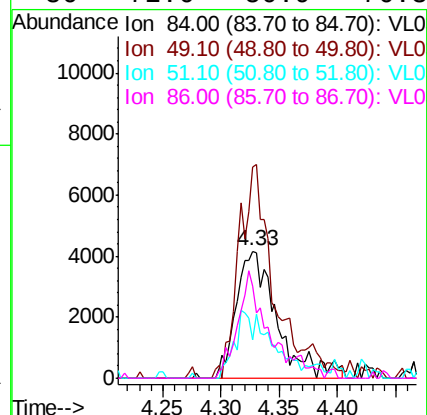
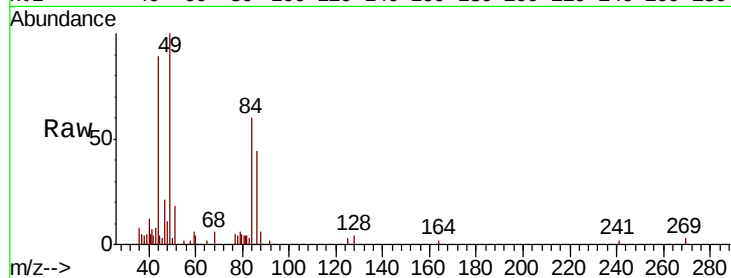
#20
Methylene Chloride
Concen: 0.147 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL036958.D
Acq: 18 May 2021 7:41

Instrument :
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Tot Ion	84	Resp:	10177
Ion	Ratio	Lower	Upper
84	100		
49	166.4	119.8	179.6
51	30.1	35.1	52.7#
86	72.6	50.9	76.3

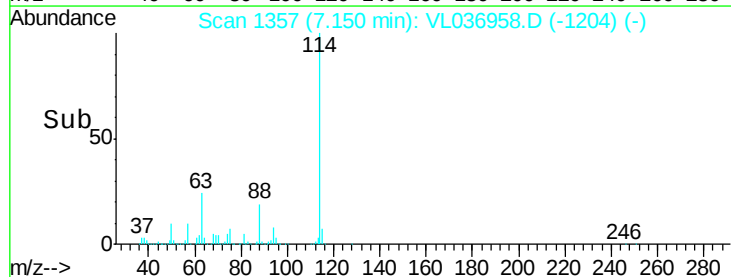
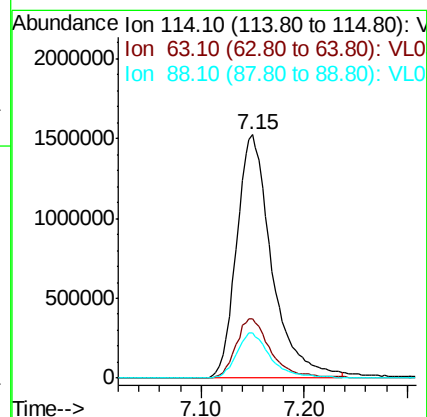
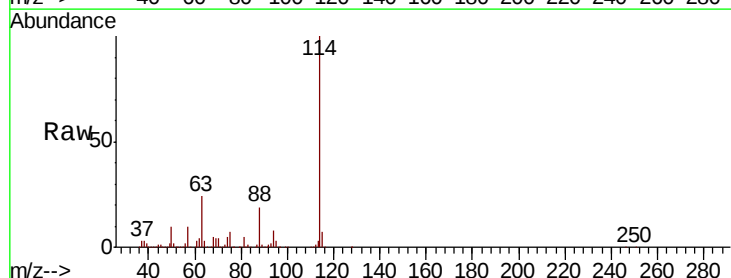
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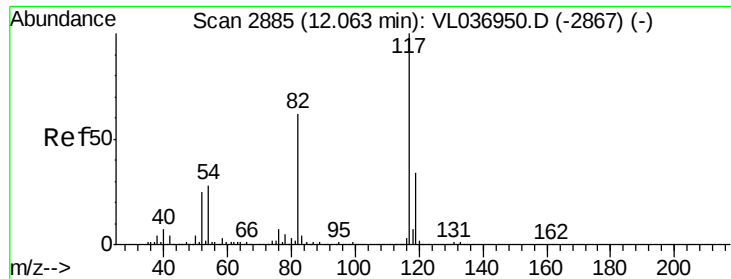
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VL036958.D
Acq: 18 May 2021 7:41

Tgt Ion	114	Resp:	3631717
Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.6	29.4
88	18.3	14.6	21.8





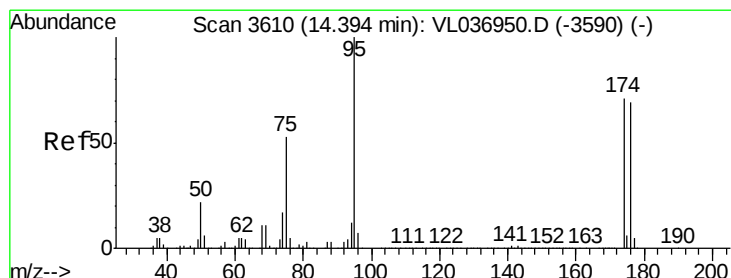
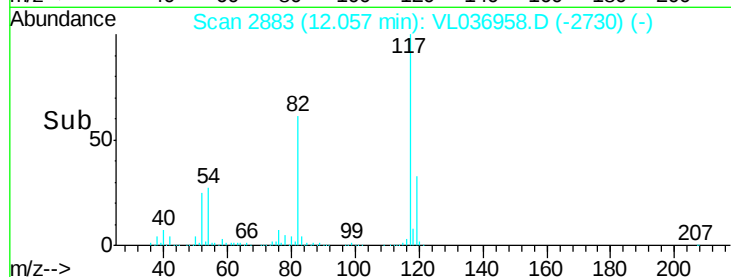
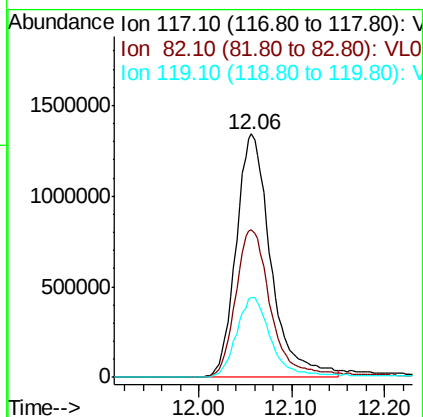
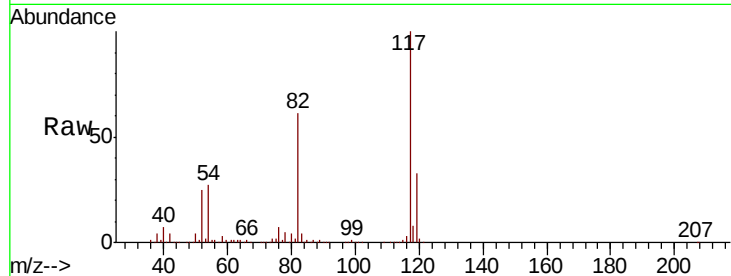
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.01 min
Lab File: VL036958.D
Acq: 18 May 2021 7:41

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	63.8	52.6	79.0
119	34.5	46.6	70.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.284 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.01 min
Lab File: VL036958.D
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Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.2	58.4	87.6
175	5.3	4.4	6.6

