

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036574.D
 Acq On : 30 Mar 2021 17:57
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 10:58:39 AM

Quant Time: Mar 31 07:23:38 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 09:42:40 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	5.65	49	1423686	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3378093	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3020204	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2424633	10.07	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	38100m	0.272	ppbv	
20) Methylene Chloride	4.33	84	11271m	0.172	ppbv	

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

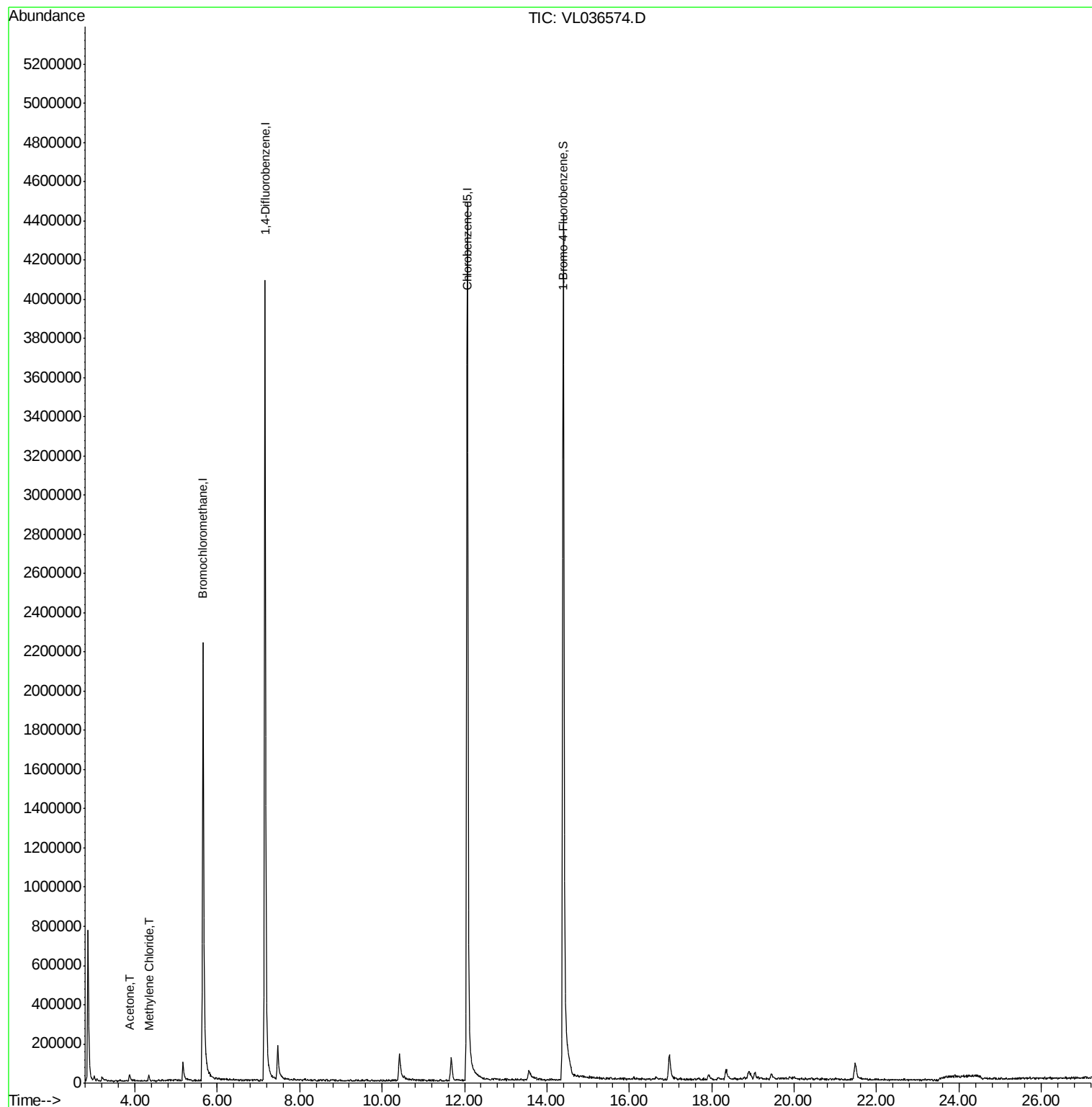
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036574.D
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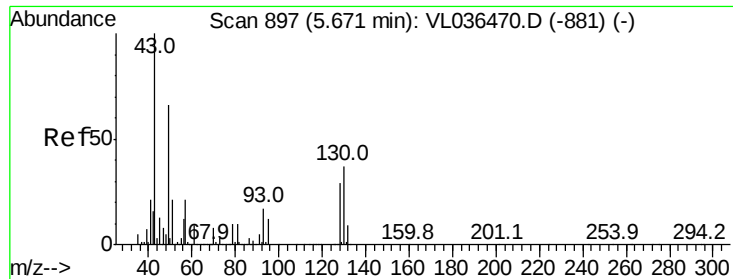
Instrument :
MSVOA_L
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VIBLK

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Quant Time: Mar 31 07:23:38 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: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036574.D

Acq: 30 Mar 2021 17:57

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1423686

Ion Ratio Lower Upper

49 100

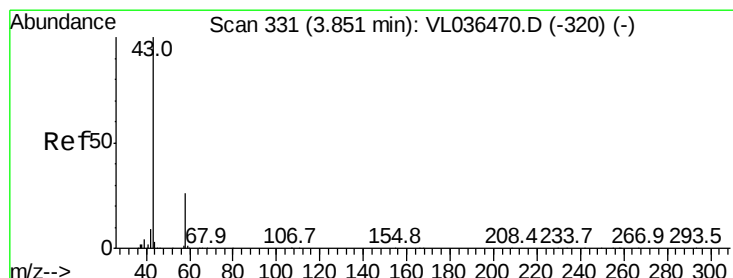
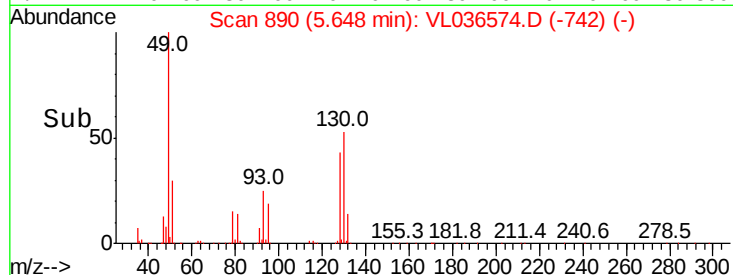
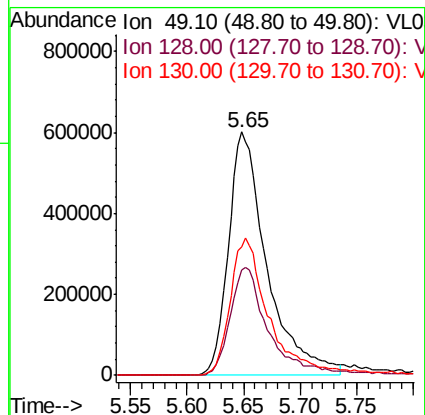
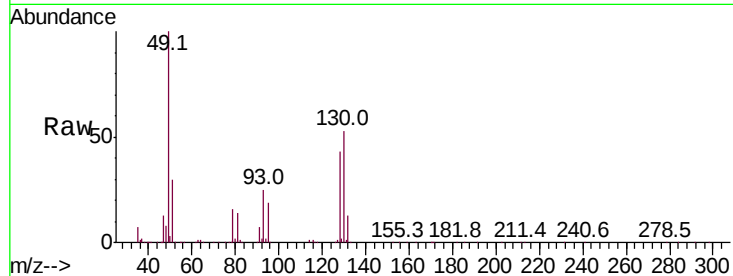
128 45.6 23.5 70.6

130 58.5 29.1 87.4

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#15

Acetone

Concen: 0.272 ppbv m

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036574.D

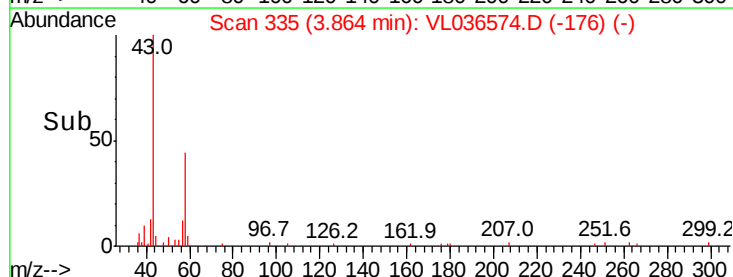
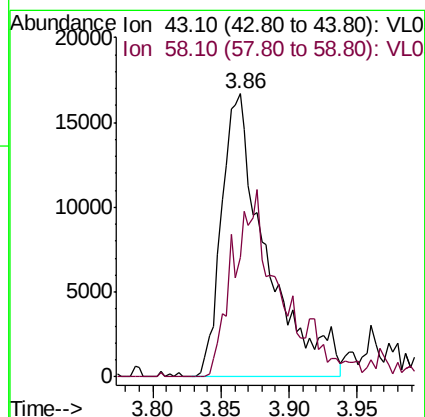
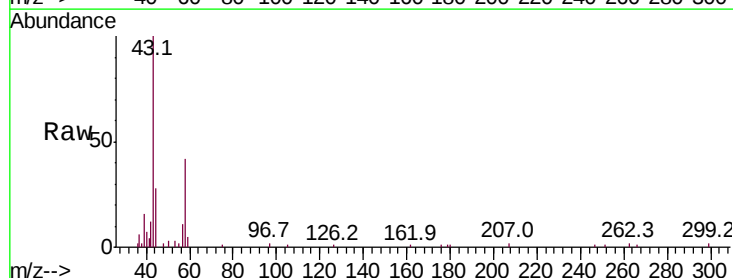
Acq: 30 Mar 2021 17:57

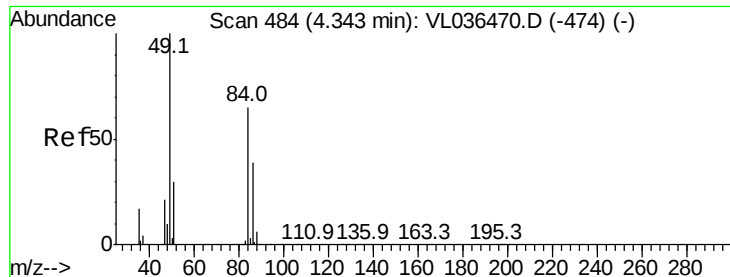
Tgt Ion: 43 Resp: 38100

Ion Ratio Lower Upper

43 100

58 71.3 21.2 31.8#





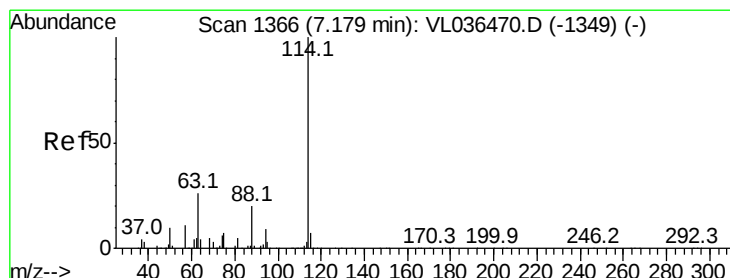
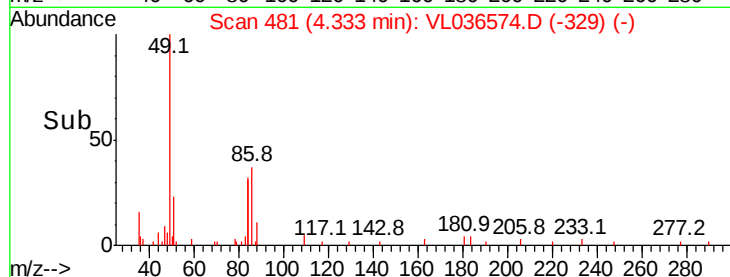
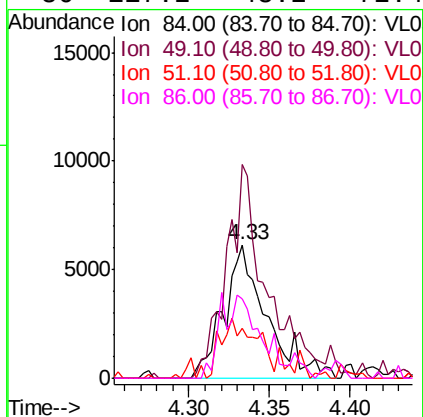
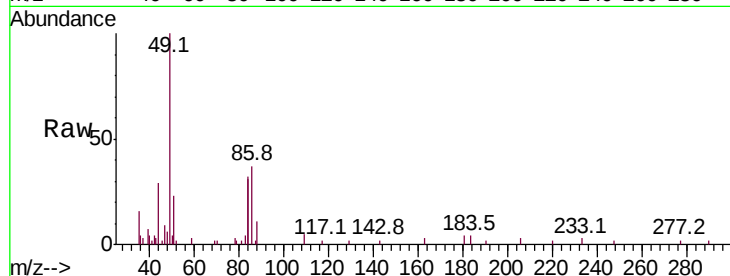
#20
Methvlene Chloride
Concen: 0.172 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	84	Resp	11271
Ion Ratio	Lower	Upper	
84	100		
49	316.4	122.9	184.3#
51	73.9	36.9	55.3#
86	117.2	48.2	72.4#

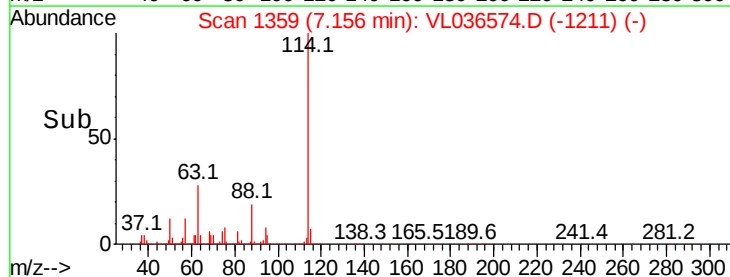
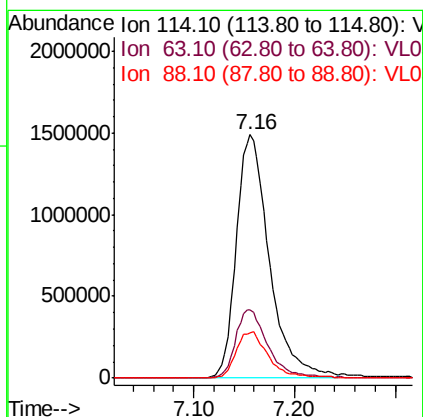
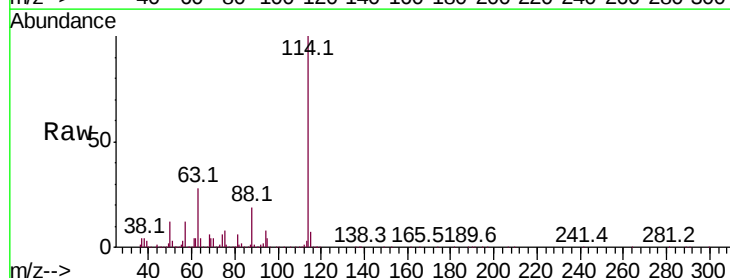
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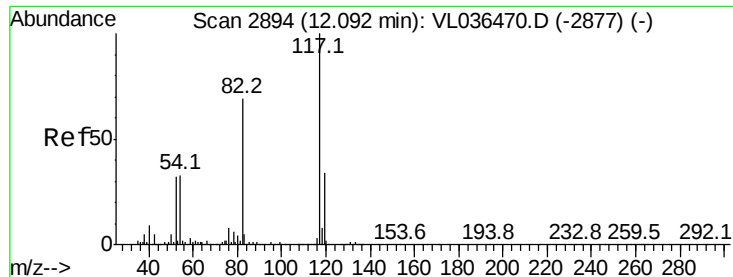
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

Tgt Ion	114	Resp	3378093
Ion Ratio	Lower	Upper	
114	100		
63	27.8	22.4	33.6
88	18.9	15.4	23.0





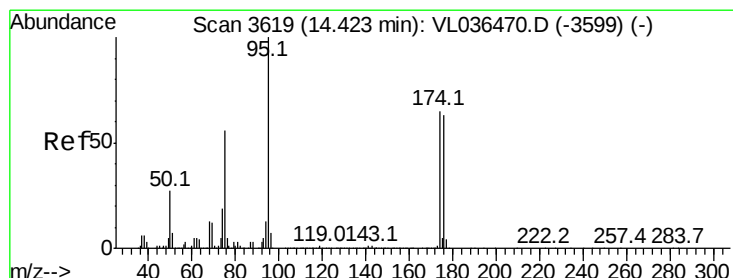
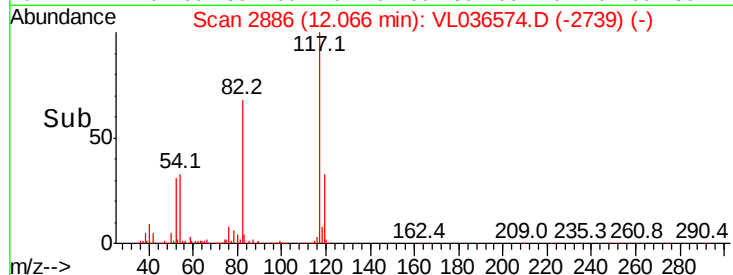
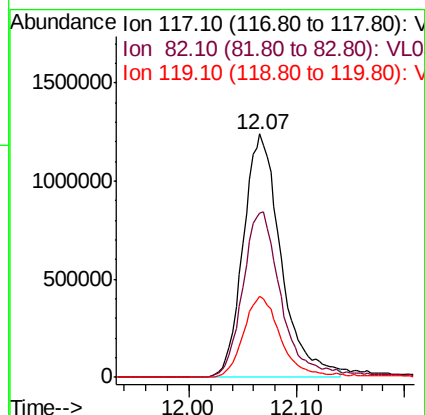
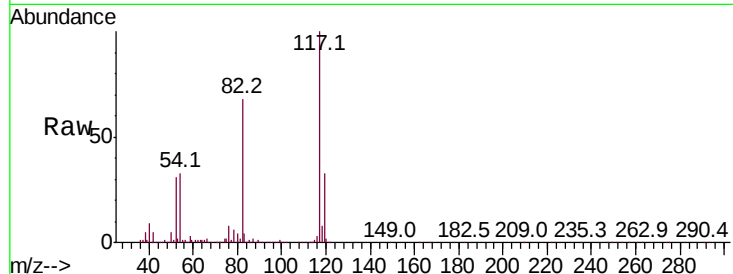
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

Instrument :
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ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.2	57.4	86.0
119	34.2	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.073 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL036574.D
Acq: 30 Mar 2021 17:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.4	51.0	76.6
175	4.9	3.9	5.9

