

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036766.D
 Acq On : 9 Apr 2021 1:42
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:48:02 AM

Quant Time: Apr 09 10:04:24 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	5.65	49	1257424	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3064194	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2428257	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	1417185	7.32	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	73.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	30559m	0.247	ppbv	
20) Methylene Chloride	4.34	84	12007m	0.207	ppbv	

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

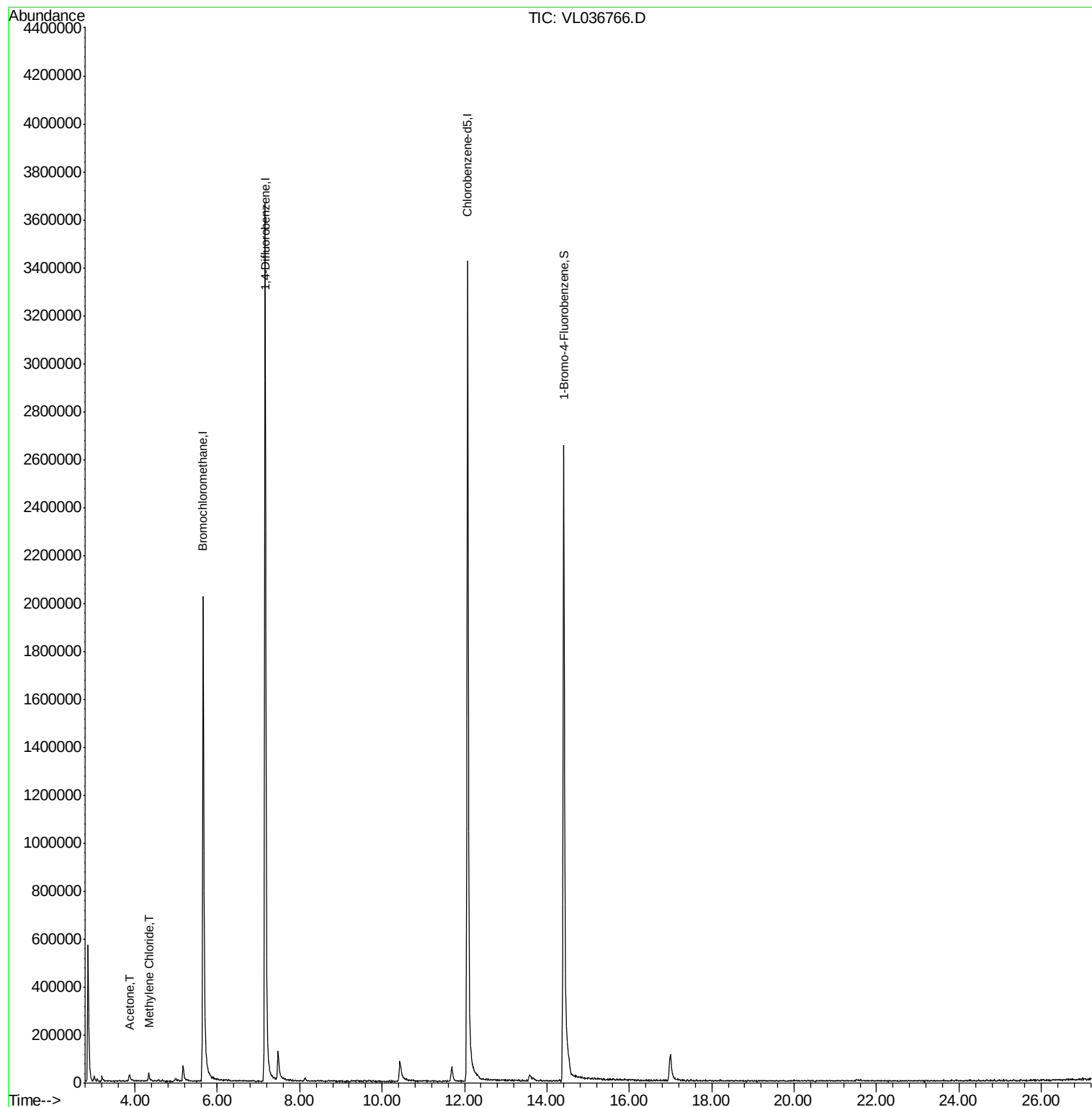
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040821\
Data File : VL036766.D
Acq On : 9 Apr 2021 1:42
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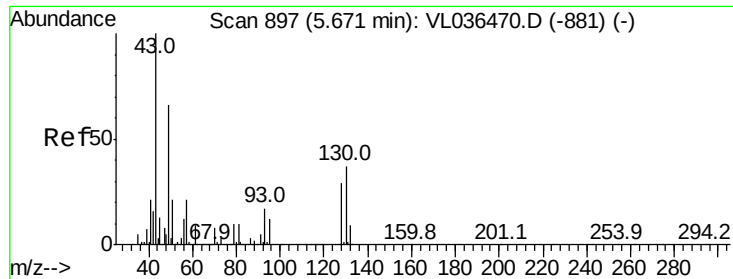
Instrument :
MSVOA_L
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Quant Time: Apr 09 10:04:24 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL036766.D

Acq: 9 Apr 2021 1:42

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1257424

Ion Ratio Lower Upper

49 100

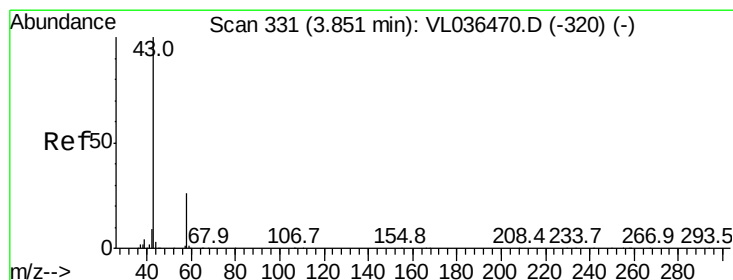
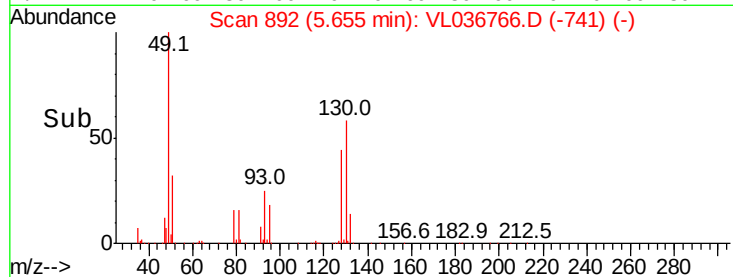
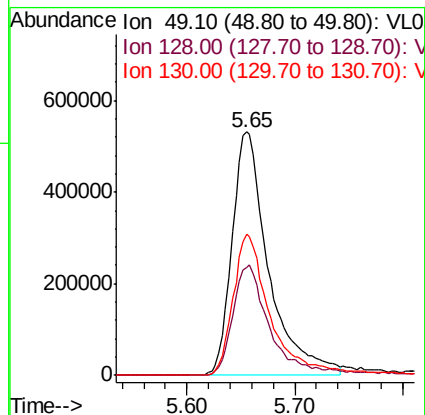
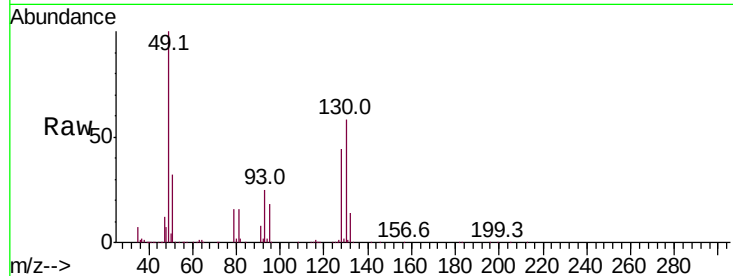
128 47.0 23.5 70.6

130 60.9 29.1 87.4

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#15

Acetone

Concen: 0.247 ppbv m

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL036766.D

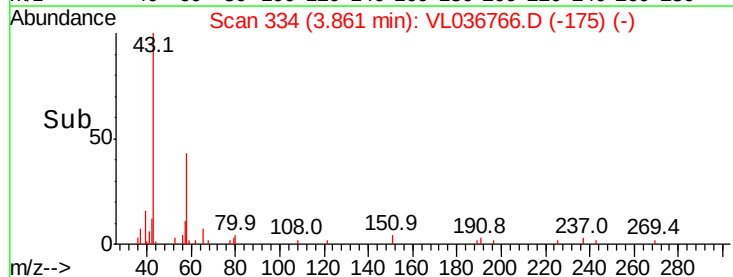
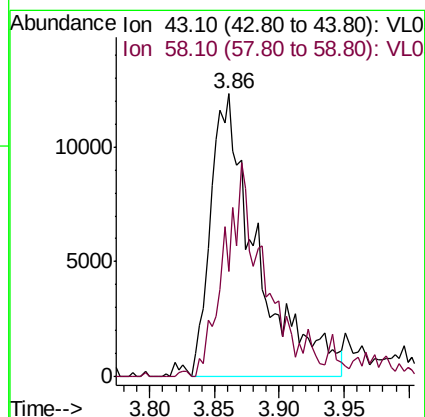
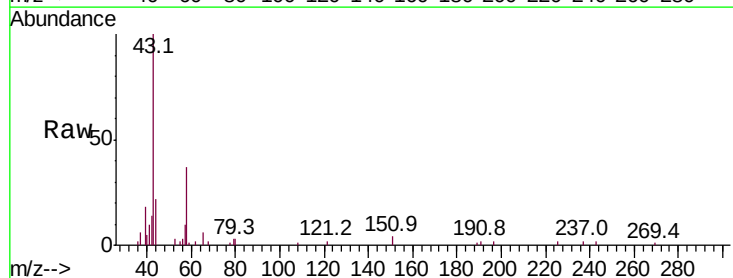
Acq: 9 Apr 2021 1:42

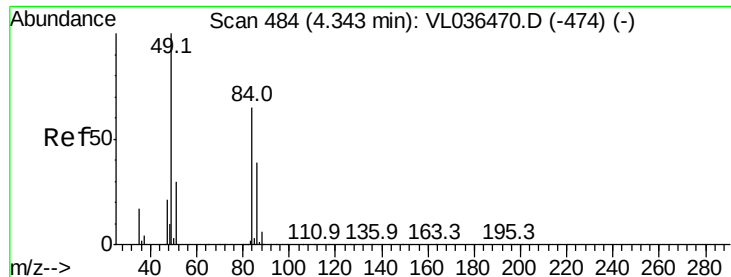
Tgt Ion: 43 Resp: 30559

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#





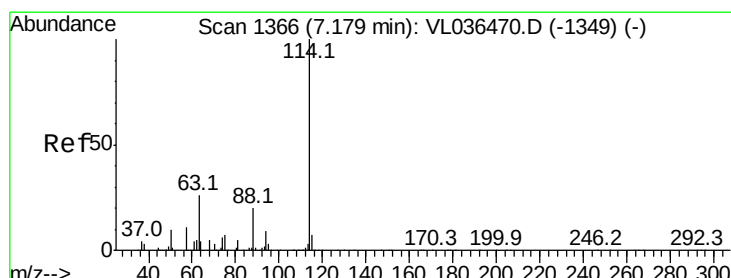
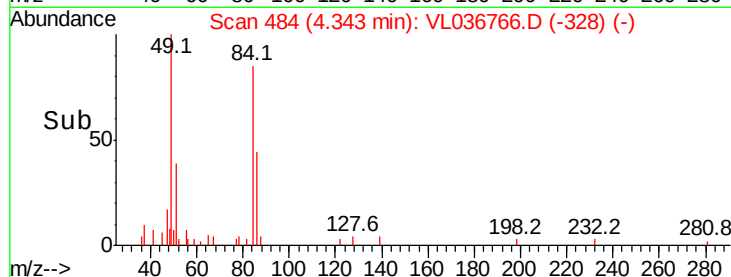
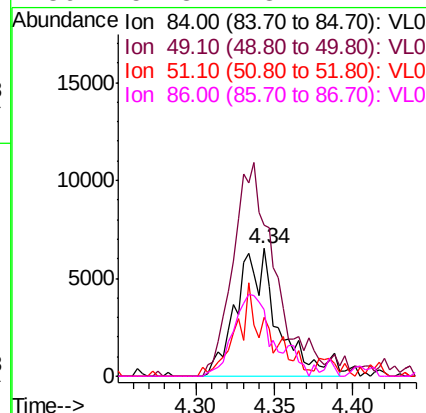
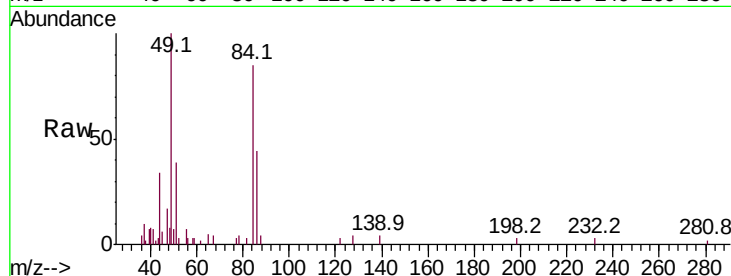
#20
Methylene Chloride
Concen: 0.207 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036766.D
Acq: 9 Apr 2021 1:42

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	84	Resp:	12007
Ion Ratio	Lower	Upper	
84	100		
49	118.0	122.9	184.3#
51	46.1	36.9	55.3
86	52.3	48.2	72.4

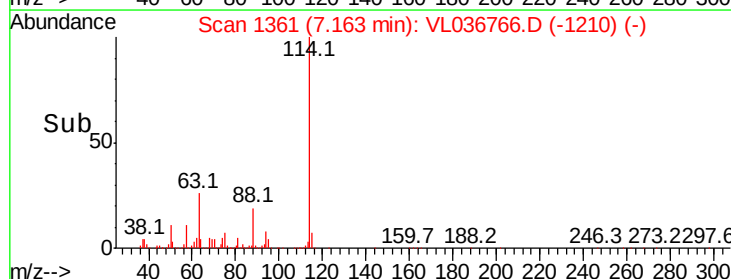
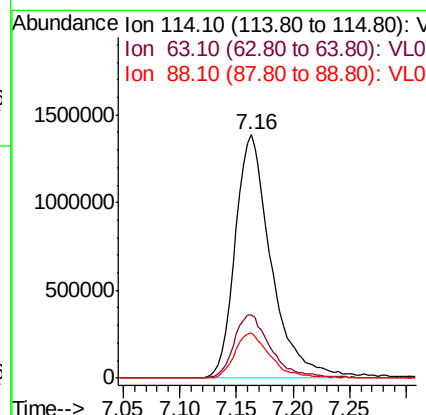
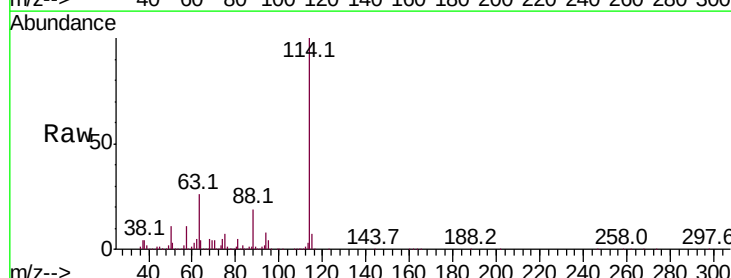
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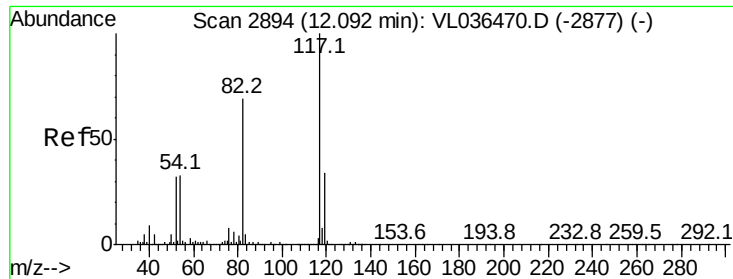
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL036766.D
Acq: 9 Apr 2021 1:42

Tgt Ion	114	Resp:	3064194
Ion Ratio	Lower	Upper	
114	100		
63	27.2	22.4	33.6
88	18.8	15.4	23.0





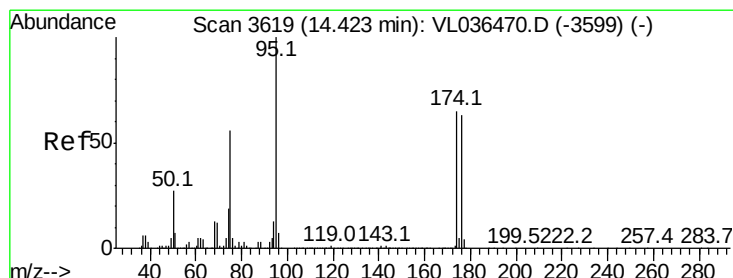
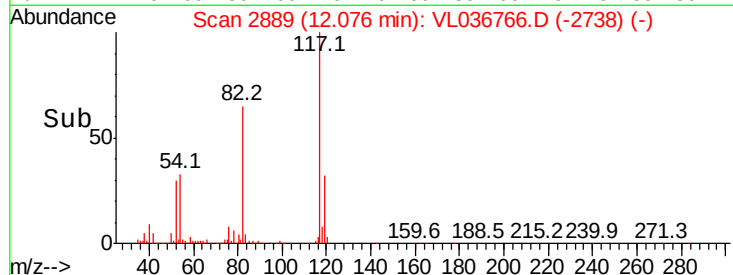
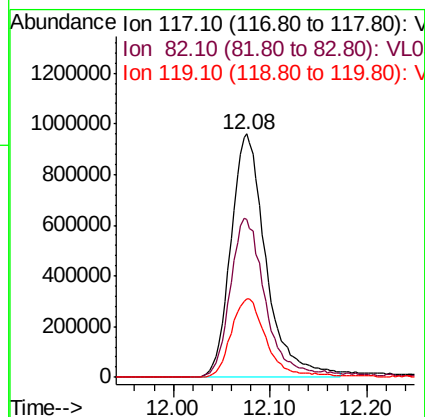
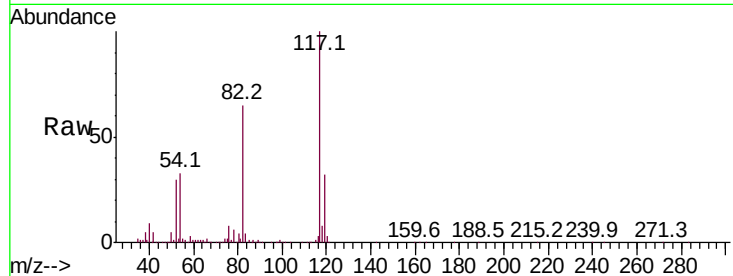
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL036766.D
Acq: 9 Apr 2021 1:42

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 2428257
Ion Ratio Lower Upper
117 100
82 68.0 57.4 86.0
119 33.2 47.4 71.0#

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4/12/2021 11:48:02 AM



#68
1-Bromo-4-Fluorobenzene
Concen: 7.323 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.01 min
Lab File: VL036766.D
Acq: 9 Apr 2021 1:42

Tgt Ion: 95 Resp: 1417185
Ion Ratio Lower Upper
95 100
174 72.3 51.0 76.6
175 5.5 3.9 5.9

