

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036449.D
 Acq On : 19 Mar 2021 15:46
 Operator :
 Sample : VL0319ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABL01

Manual Integrations
 APPROVED

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 3/24/2021 6:14:39 PM

Quant Time: Mar 20 00:47:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1684470	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3805623	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3489438	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2877953	10.03	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	53986m	0.280	ppbv	
20) Methylene Chloride	4.33	84	12435m	0.192	ppbv	

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

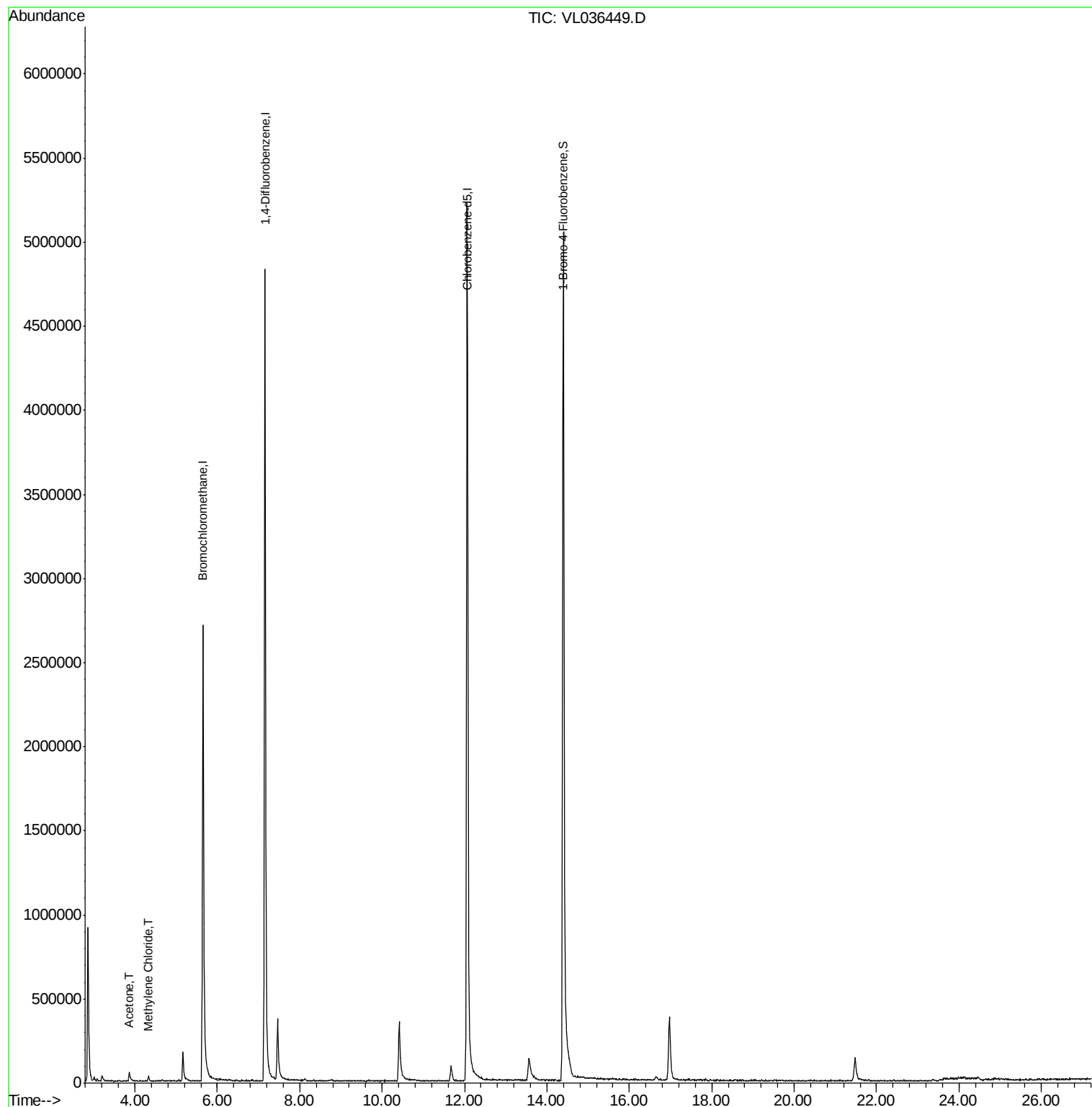
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Data File : VL036449.D
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Operator :
Sample : VL0319ABL01
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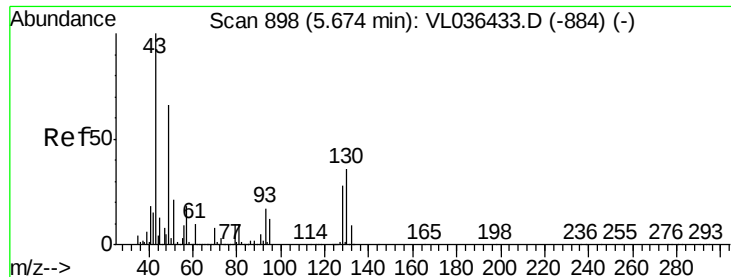
Instrument :
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Quant Time: Mar 20 00:47:59 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL036449.D

Acq: 19 Mar 2021 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABL01

Tot Ion: 49 Resp: 1684470

Ion Ratio Lower Upper

49 100

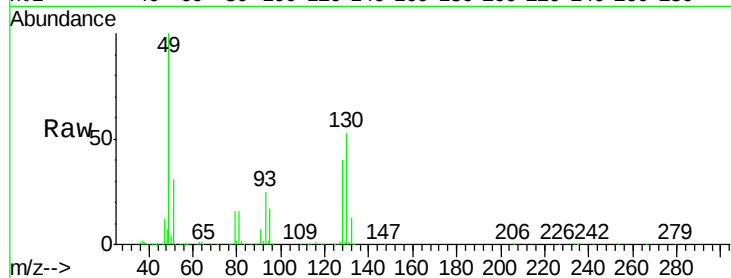
128 45.5 22.4 67.2

130 57.1 28.0 84.0

Manual Integrations
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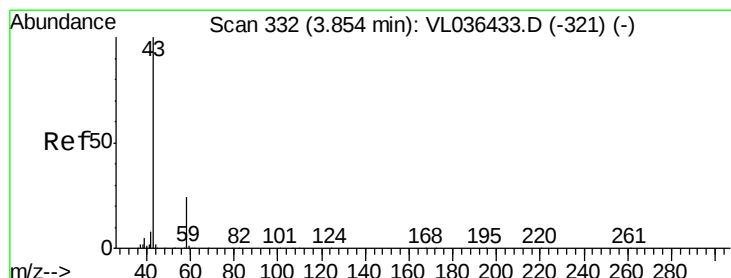
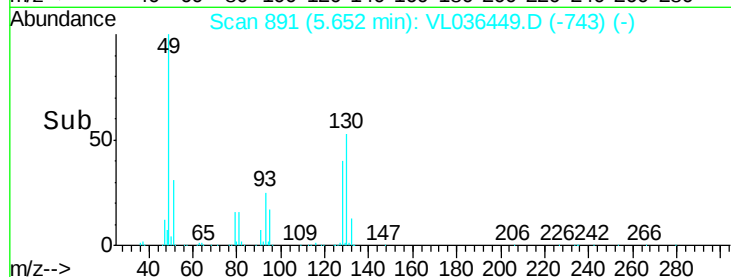
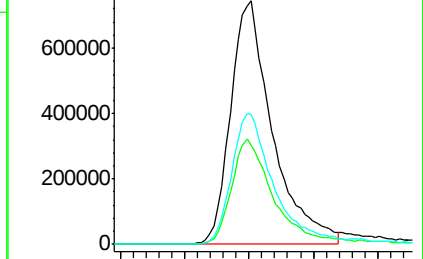
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.280 ppbv m

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL036449.D

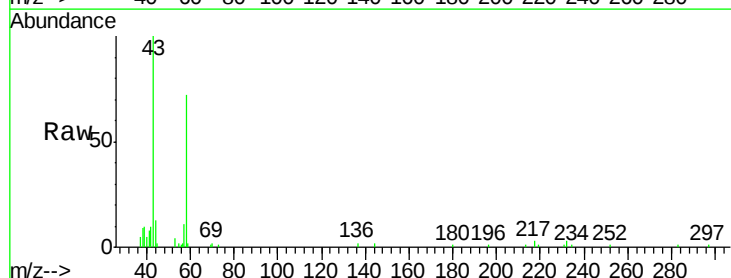
Acq: 19 Mar 2021 15:46

Tgt Ion: 43 Resp: 53986

Ion Ratio Lower Upper

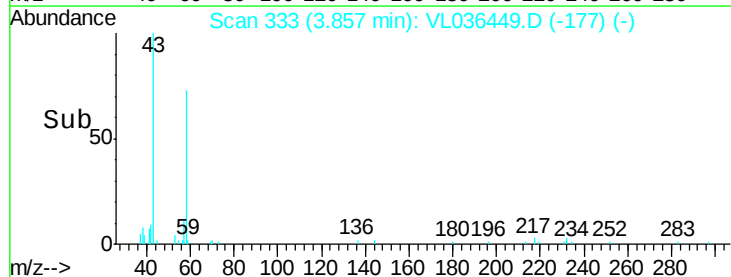
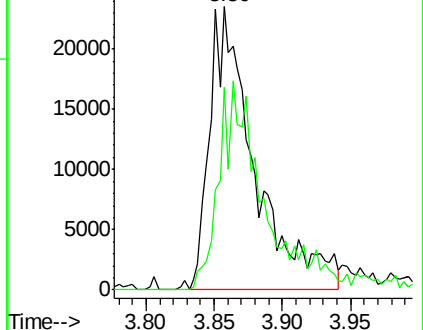
43 100

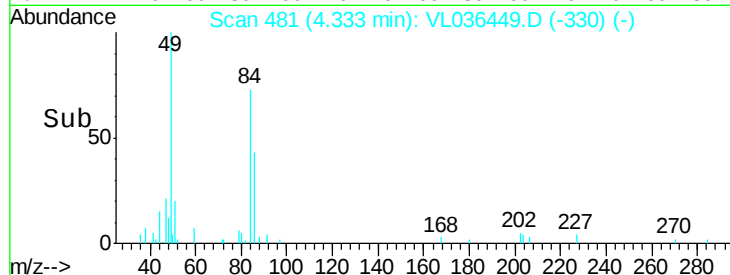
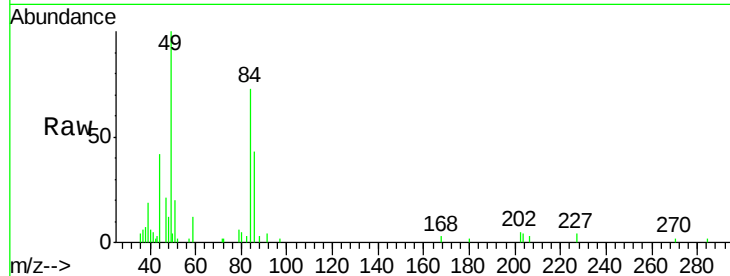
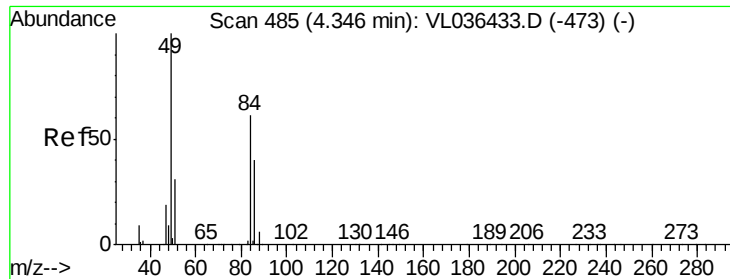
58 0.0 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





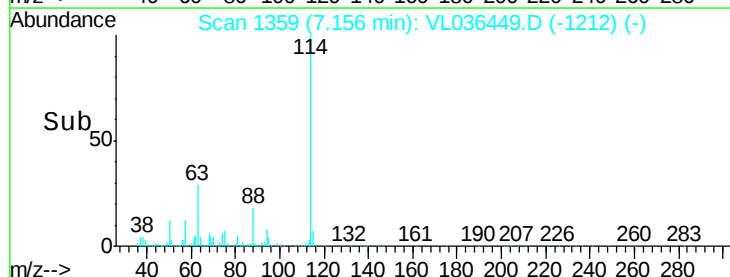
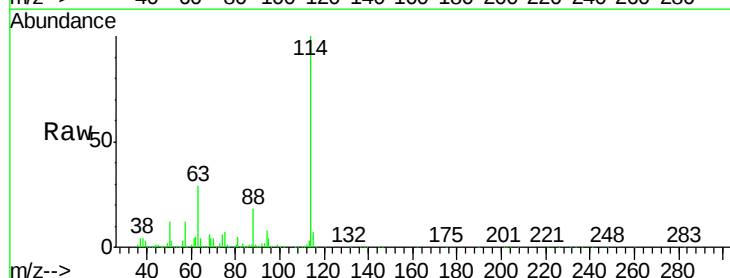
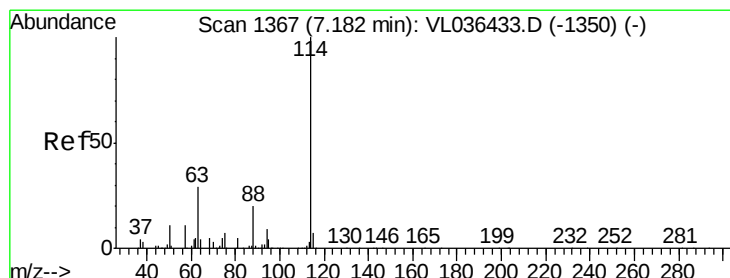
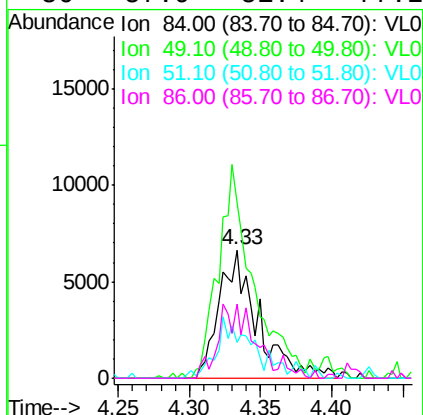
#20
Methvlene Chloride
Concen: 0.192 ppbv m
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036449.D
Acq: 19 Mar 2021 15:46

Tot Ion	84	Resp	12435
Ion	Ratio	Lower	Upper
84	100		
49	136.2	130.2	195.2
51	27.8	40.5	60.7#
86	57.9	51.4	77.2

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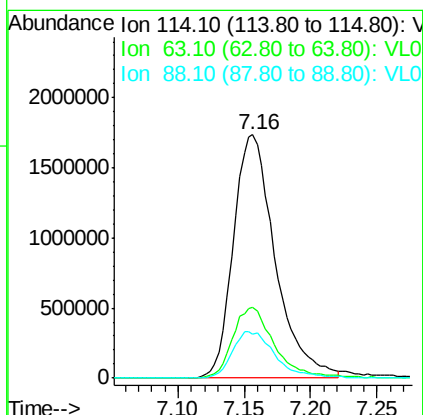
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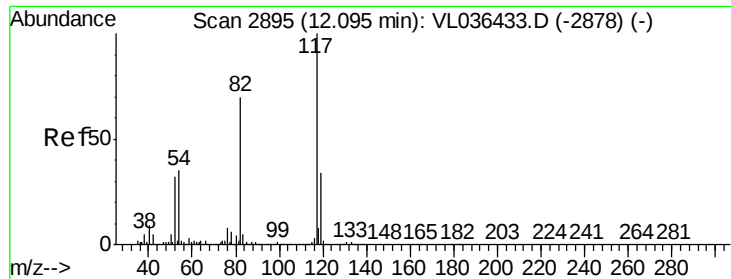
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.03 min
Lab File: VL036449.D
Acq: 19 Mar 2021 15:46

Tgt Ion	114	Resp	3805623
Ion	Ratio	Lower	Upper
114	100		
63	29.4	23.3	34.9
88	20.0	15.6	23.4





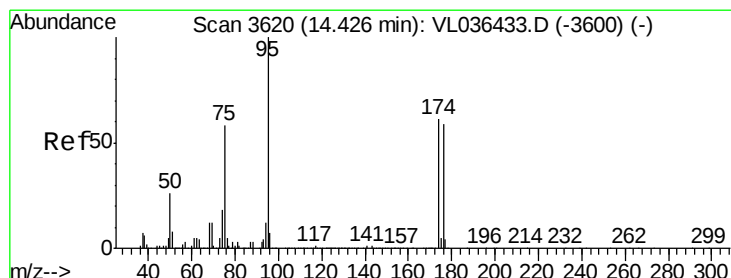
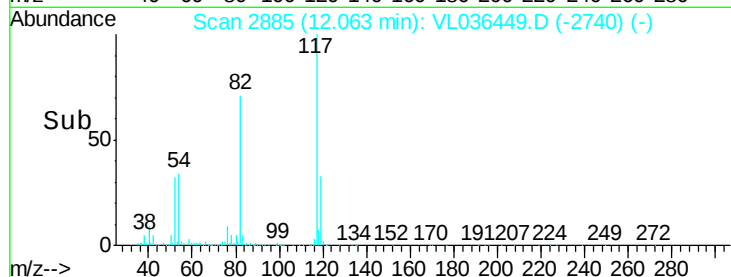
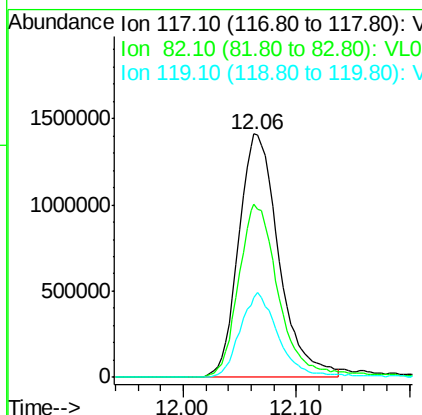
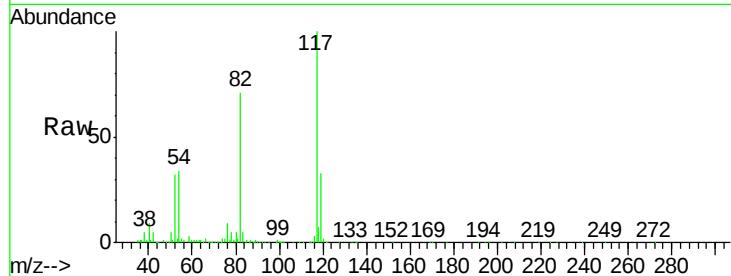
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL036449.D
Acq: 19 Mar 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABL01

Tot Ion:117 Resp: 3489438
Ion Ratio Lower Upper
117 100
82 73.2 56.5 84.7
119 34.2 27.0 40.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.029 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL036449.D
Acq: 19 Mar 2021 15:46

Tgt Ion: 95 Resp: 2877953
Ion Ratio Lower Upper
95 100
174 64.2 51.0 76.4
175 4.7 3.8 5.6

