

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036552.D
 Acq On : 29 Mar 2021 23:37
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:44:26 PM

Quant Time: Mar 30 11:43:33 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	1461933	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3339936	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2957030	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2313102	9.81	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	68673m	0.477	ppbv	
20) Methylene Chloride	4.33	84	9755m	0.145	ppbv	

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

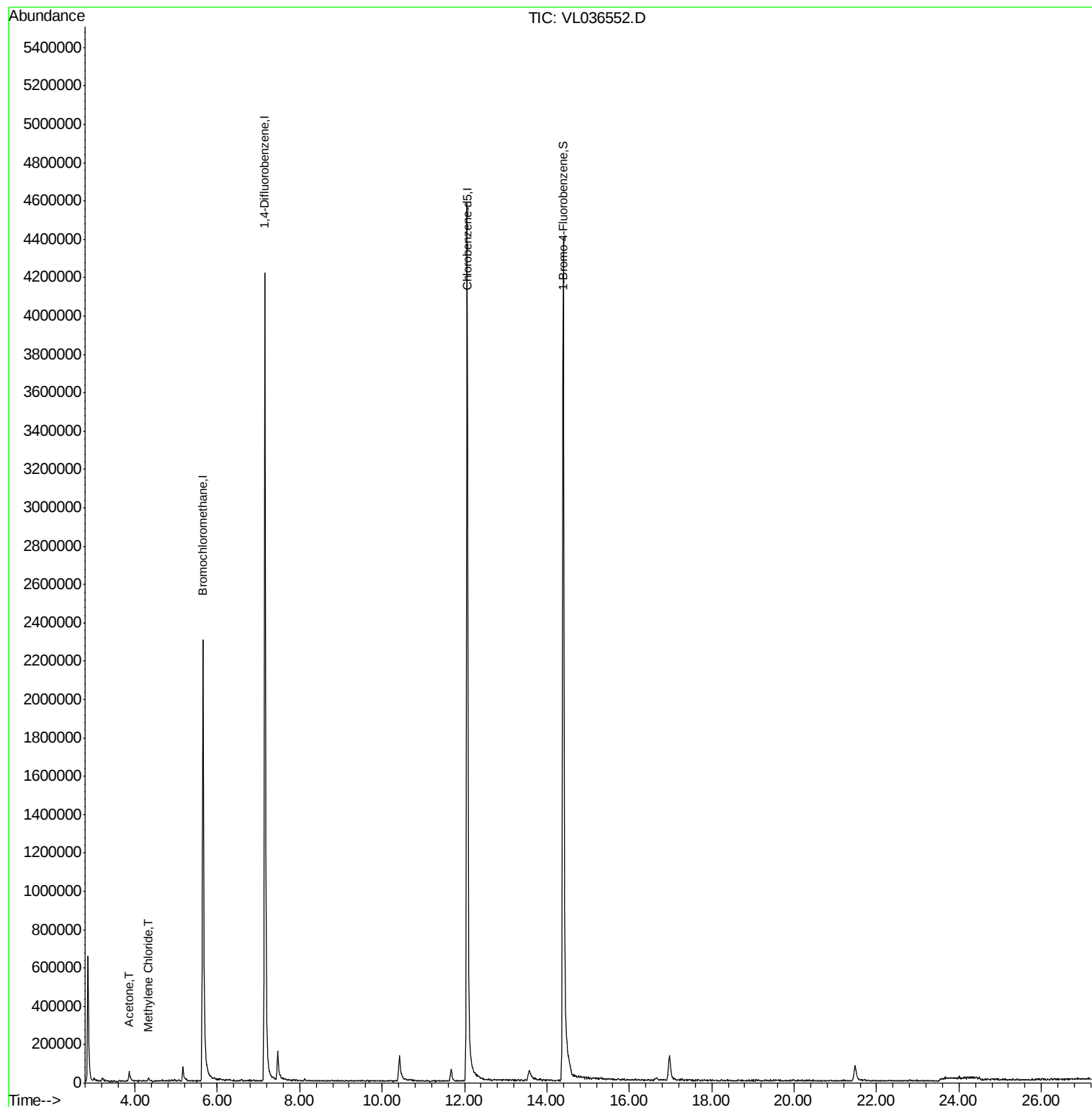
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032921\
Data File : VL036552.D
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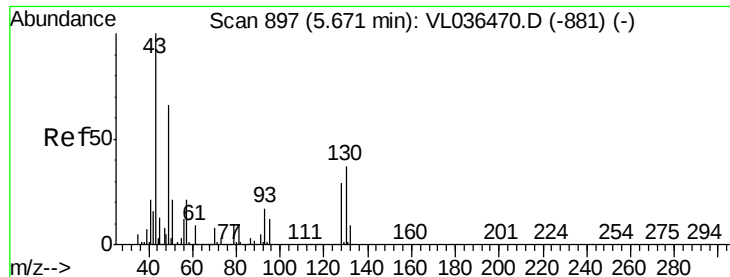
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Mar 30 11:43:33 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: VL036552.D

Acq: 29 Mar 2021 23:37

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1461933

Ion Ratio Lower Upper

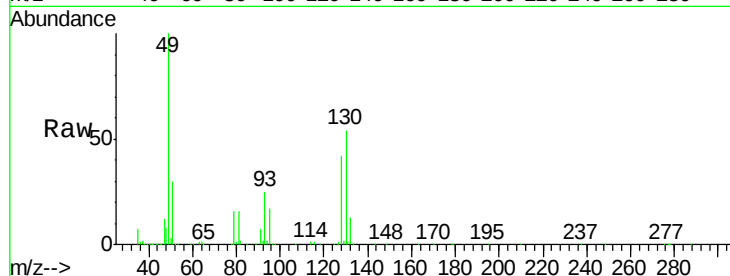
49 100

128 43.9 23.5 70.6

130 57.4 29.1 87.4

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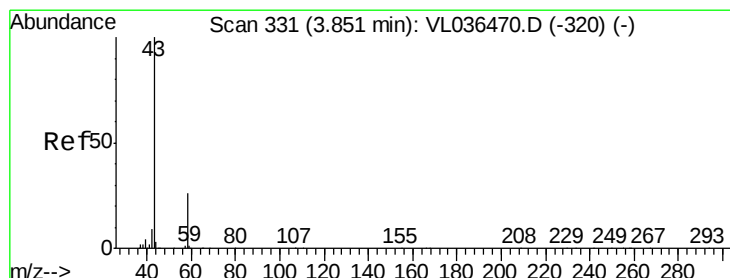
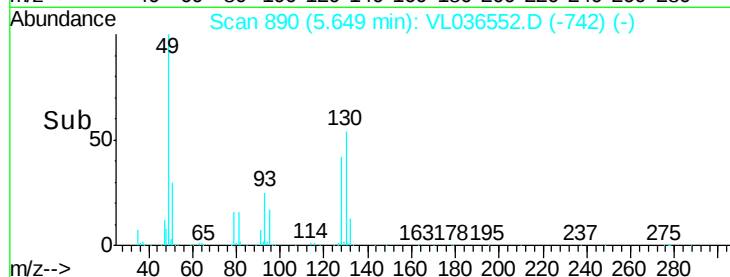
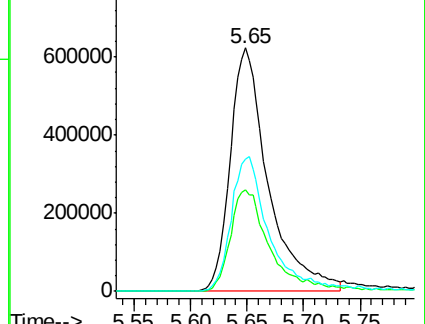
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.477 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL036552.D

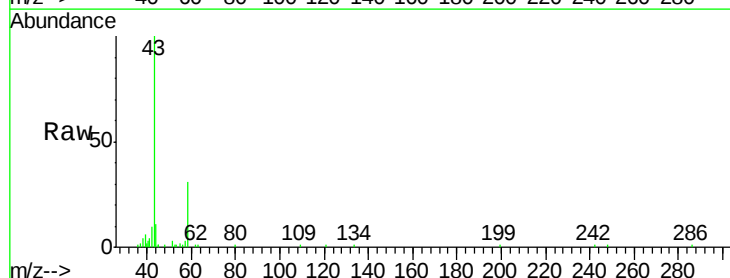
Acq: 29 Mar 2021 23:37

Tgt Ion: 43 Resp: 68673

Ion Ratio Lower Upper

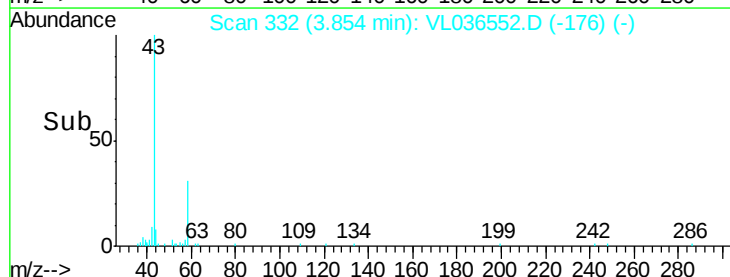
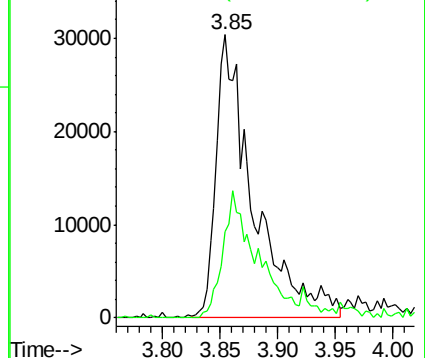
43 100

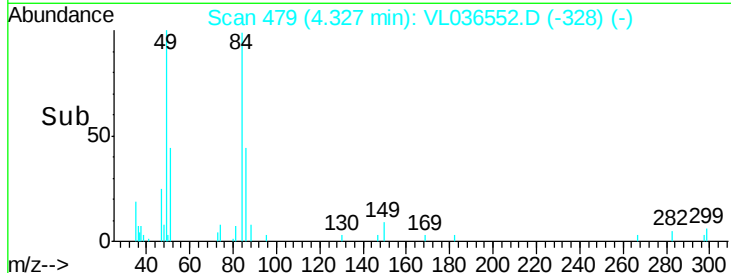
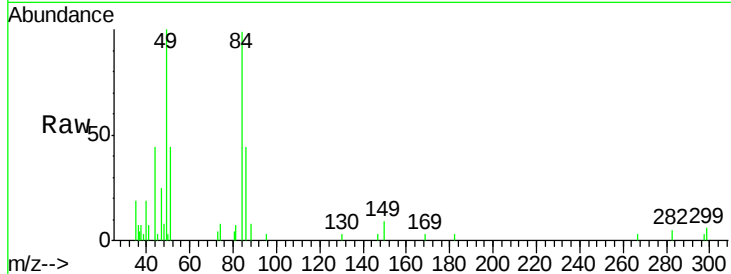
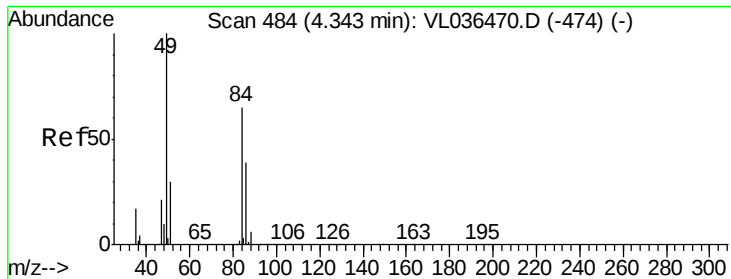
58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





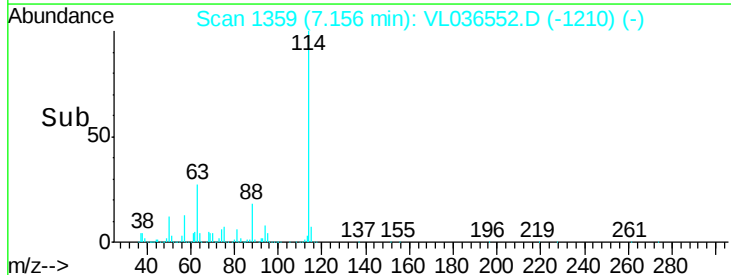
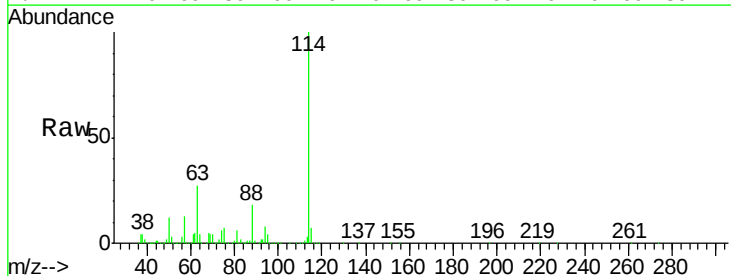
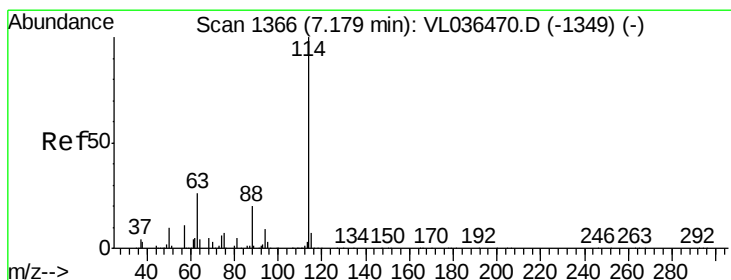
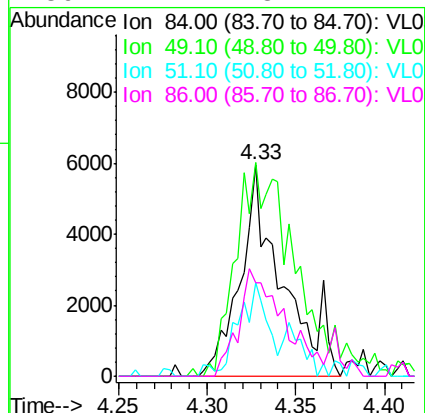
#20
Methylene Chloride
Concen: 0.145 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036552.D
Acq: 29 Mar 2021 23:37

Tot Ion:	84	Resp:	9755
Ion	Ratio	Lower	Upper
84	100		
49	100.9	122.9	184.3#
51	44.0	36.9	55.3
86	44.4	48.2	72.4#

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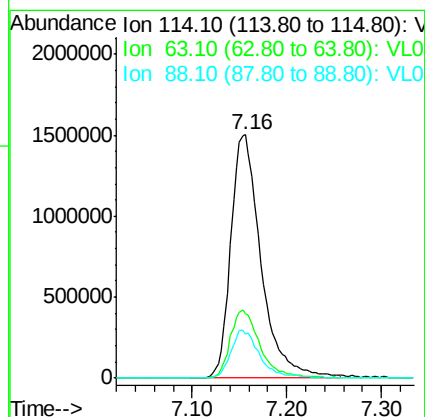
Manual Integrations
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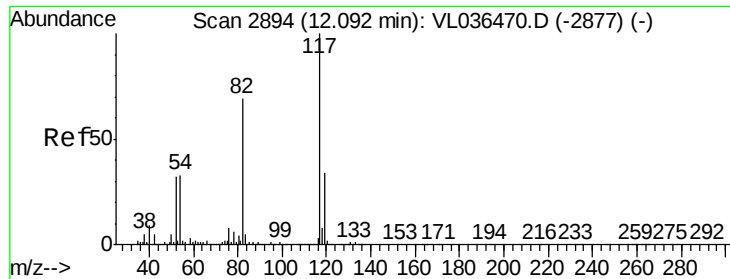
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036552.D
Acq: 29 Mar 2021 23:37

Tgt Ion:	114	Resp:	3339936
Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.4	33.6
88	19.0	15.4	23.0





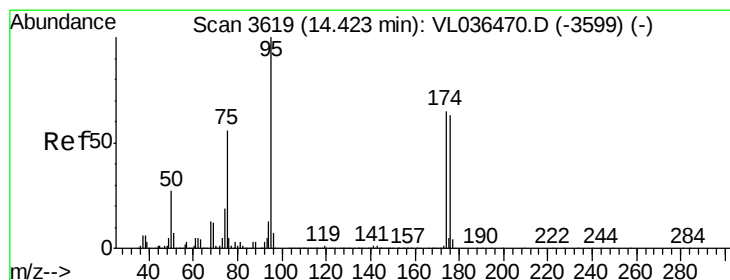
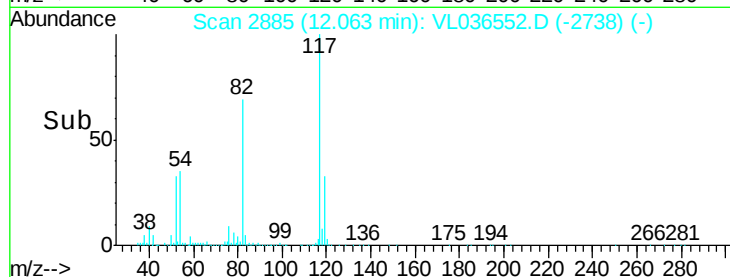
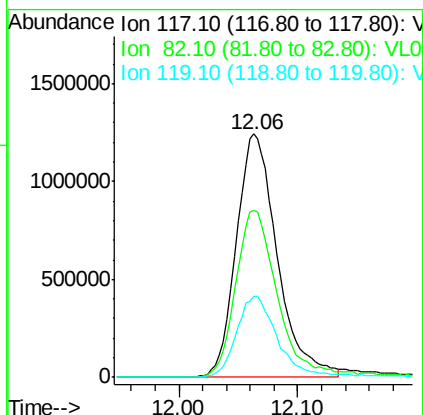
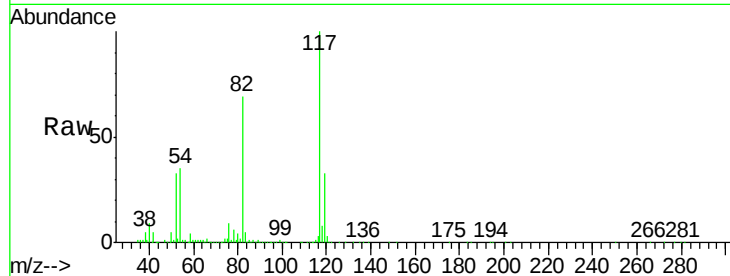
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL036552.D
Acq: 29 Mar 2021 23:37

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.8	57.4	86.0
119	34.5	47.4	71.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.815 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.03 min
Lab File: VL036552.D
Acq: 29 Mar 2021 23:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.5	51.0	76.6
175	4.9	3.9	5.9

