

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037192.D
 Acq On : 17 Jun 2021 5:35
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 6/17/2021 5:38:52 PM

Quant Time: Jun 17 06:15:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 06:15:20 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1470681	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4322781	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3703275	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2686510	9.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	28565m	0.172	ppbv	
20) Methylene Chloride	4.35	84	12622m	0.127	ppbv	

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

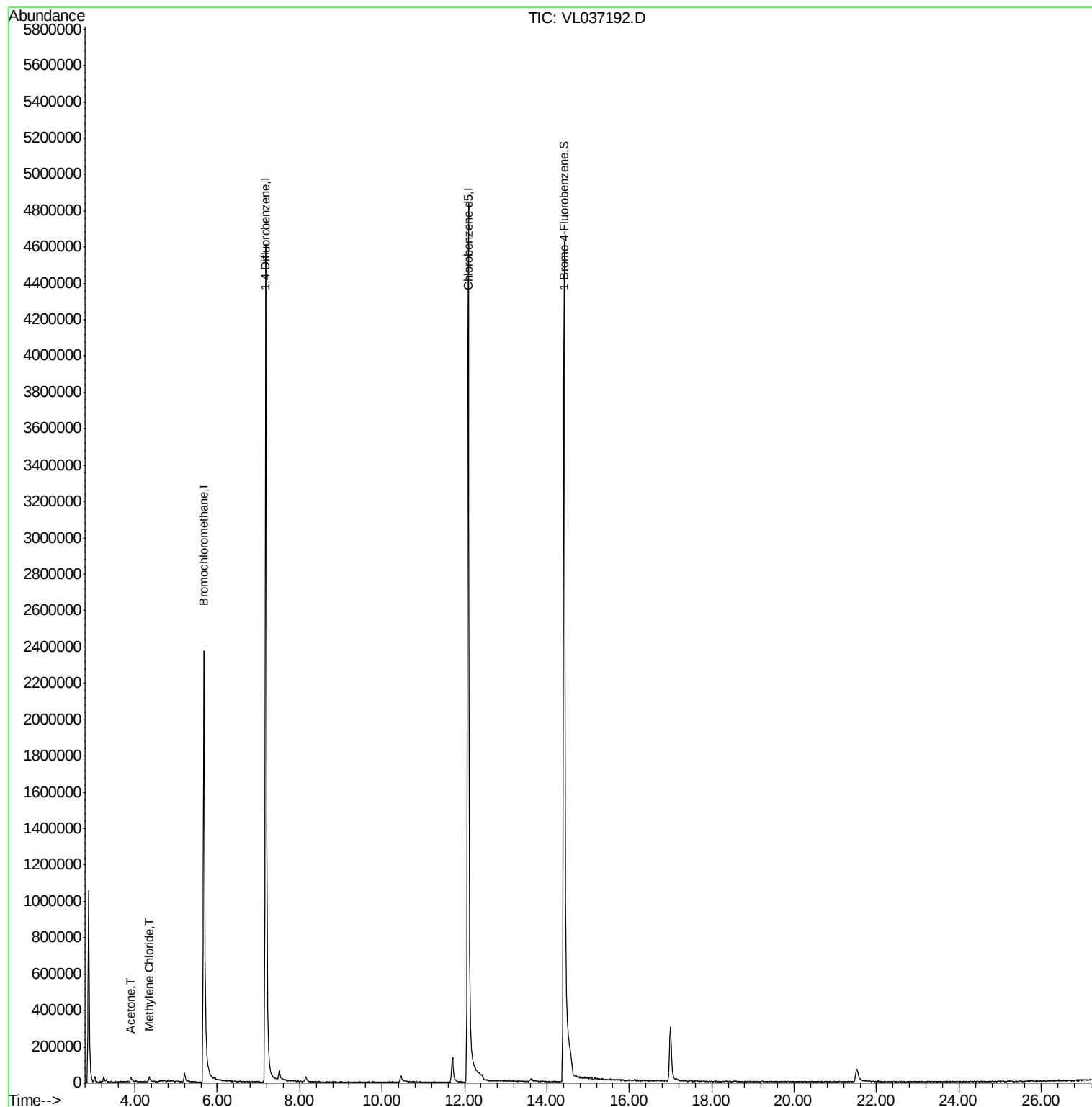
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061621\
Data File : VL037192.D
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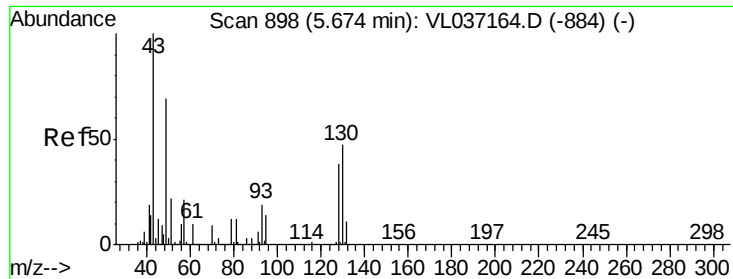
Instrument :
MSVOA_L
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VIBLK

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Quant Time: Jun 17 06:15:20 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





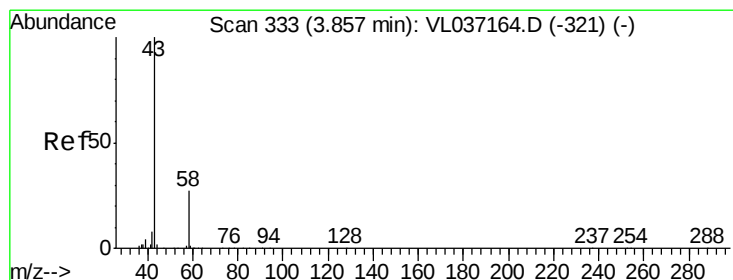
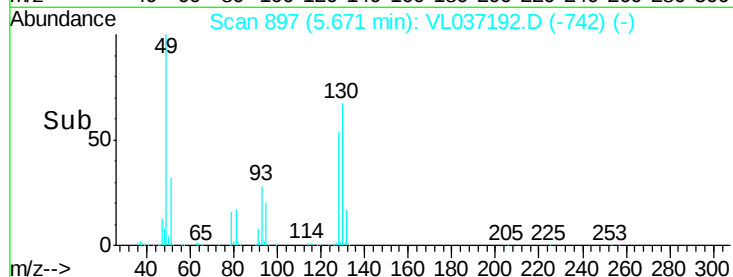
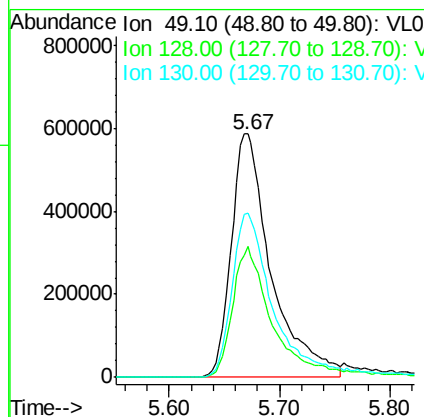
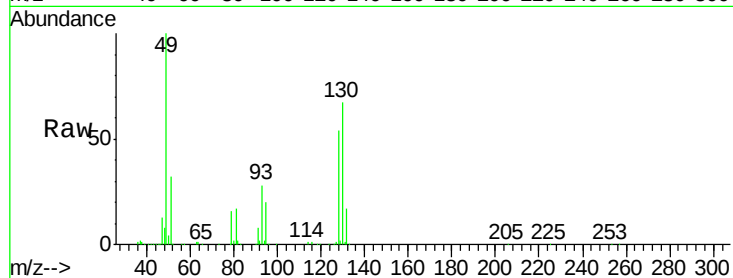
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion: 49 Resp: 1470681
Ion Ratio Lower Upper
49 100
128 56.7 29.3 88.0
130 73.0 35.9 107.8

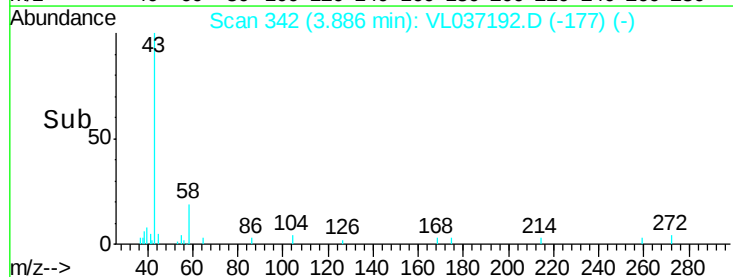
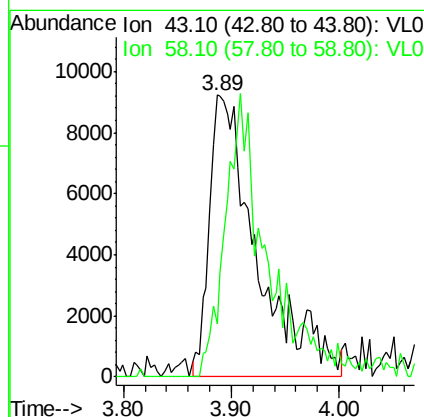
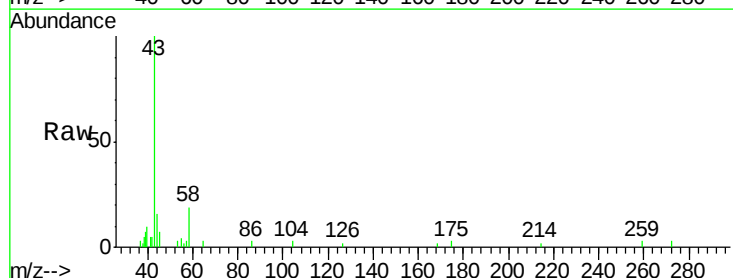
Manual Integrations
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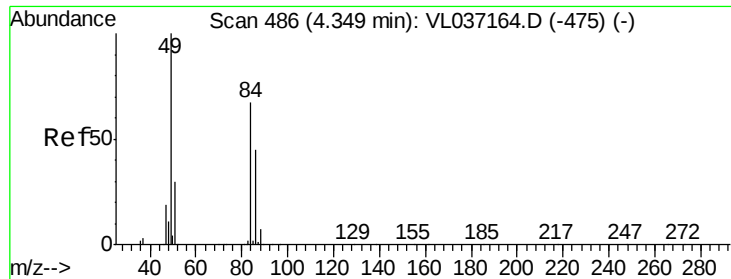
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#15
Acetone
Concen: 0.172 ppbv m
RT: 3.89 min Scan# 342
Delta R.T. 0.03 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Tgt Ion: 43 Resp: 28565
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#





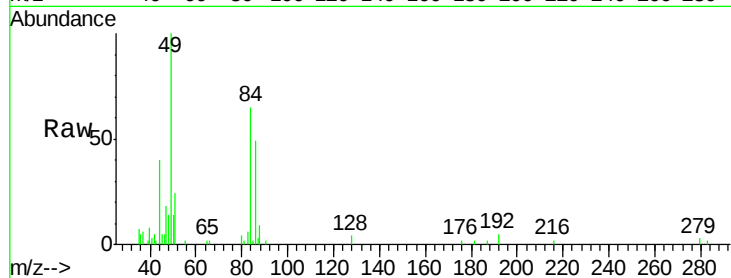
#20
Methylene Chloride
Concen: 0.127 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

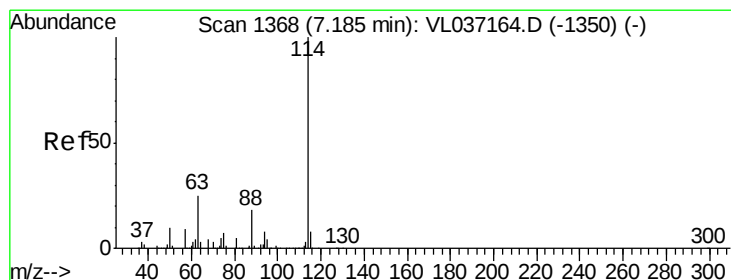
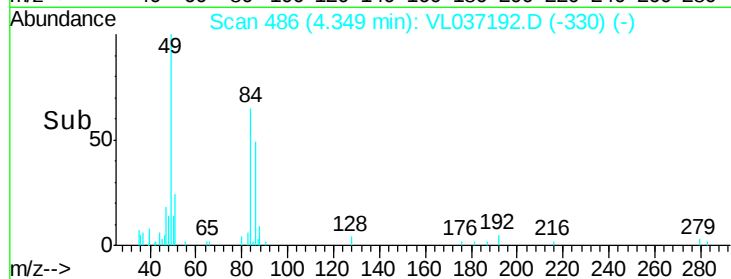
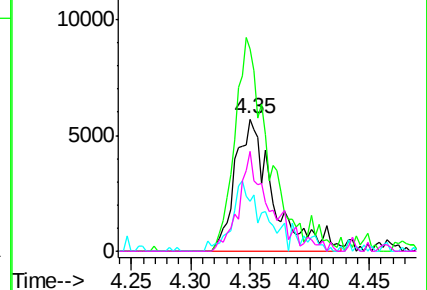
Tot Ion:	84	Resp:	12622
Ion	Ratio	Lower	Upper
84	100		
49	152.9	119.7	179.5
51	37.4	36.1	54.1
86	75.3	53.7	80.5

Manual Integrations
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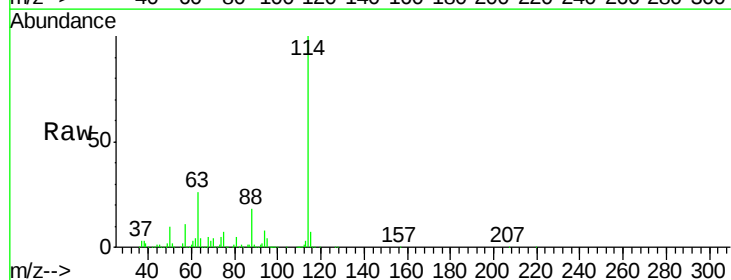


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

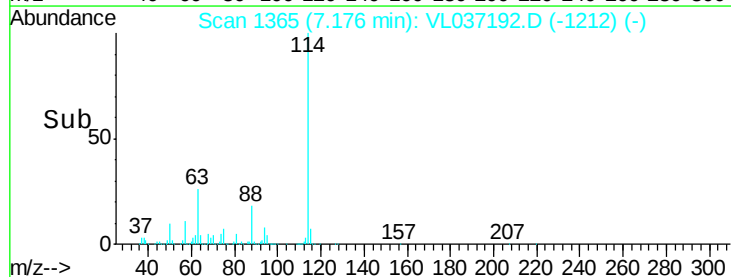
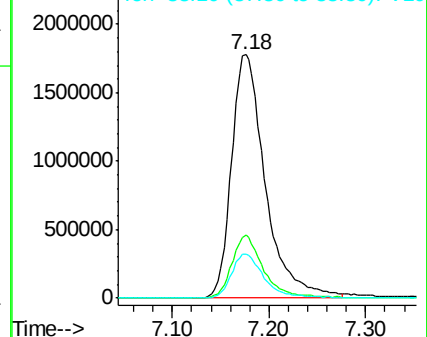


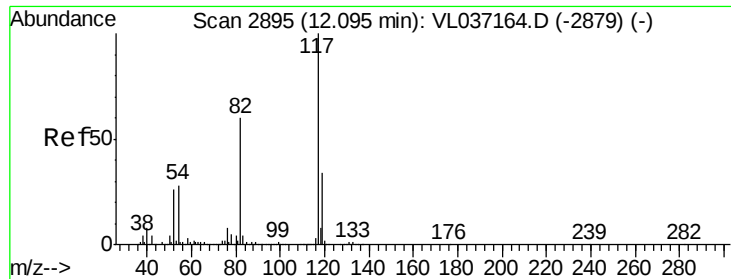
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Tgt Ion:	114	Resp:	4322781
Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.8	14.2	21.2



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





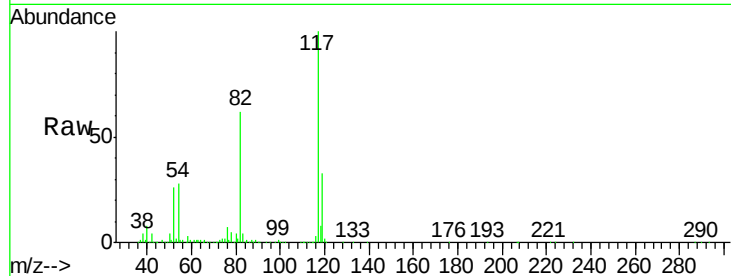
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

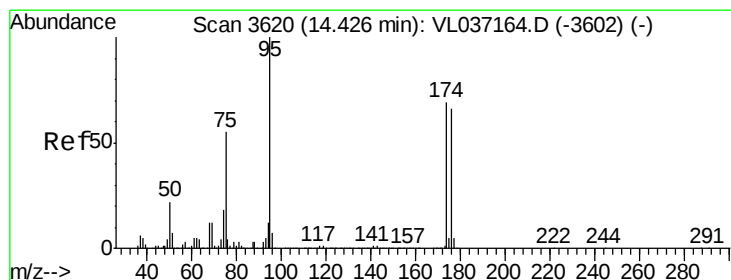
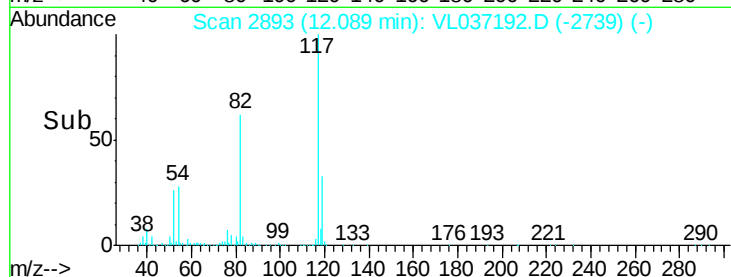
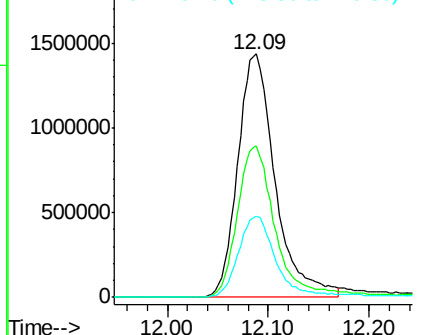
Tot Ion:117 Resp: 3703275
Ion Ratio Lower Upper
117 100
82 65.8 51.7 77.5
119 34.7 47.6 71.4#

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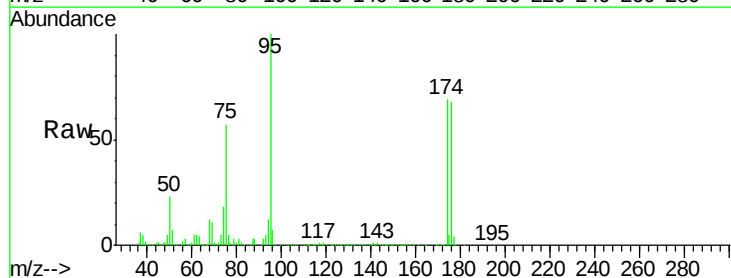


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.574 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Tgt Ion: 95 Resp: 2686510
Ion Ratio Lower Upper
95 100
174 76.6 57.0 85.4
175 5.4 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

