

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035622.D
 Acq On : 15 Sep 2020 5:51
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 5:41:13 PM

Quant Time: Sep 15 08:21:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1010894	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4266993	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	4239733	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3115866	10.35	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	14609m	0.176	ppbv	
52) Tetrachloroethene	11.21	164	10738m	0.067	ppbv	

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

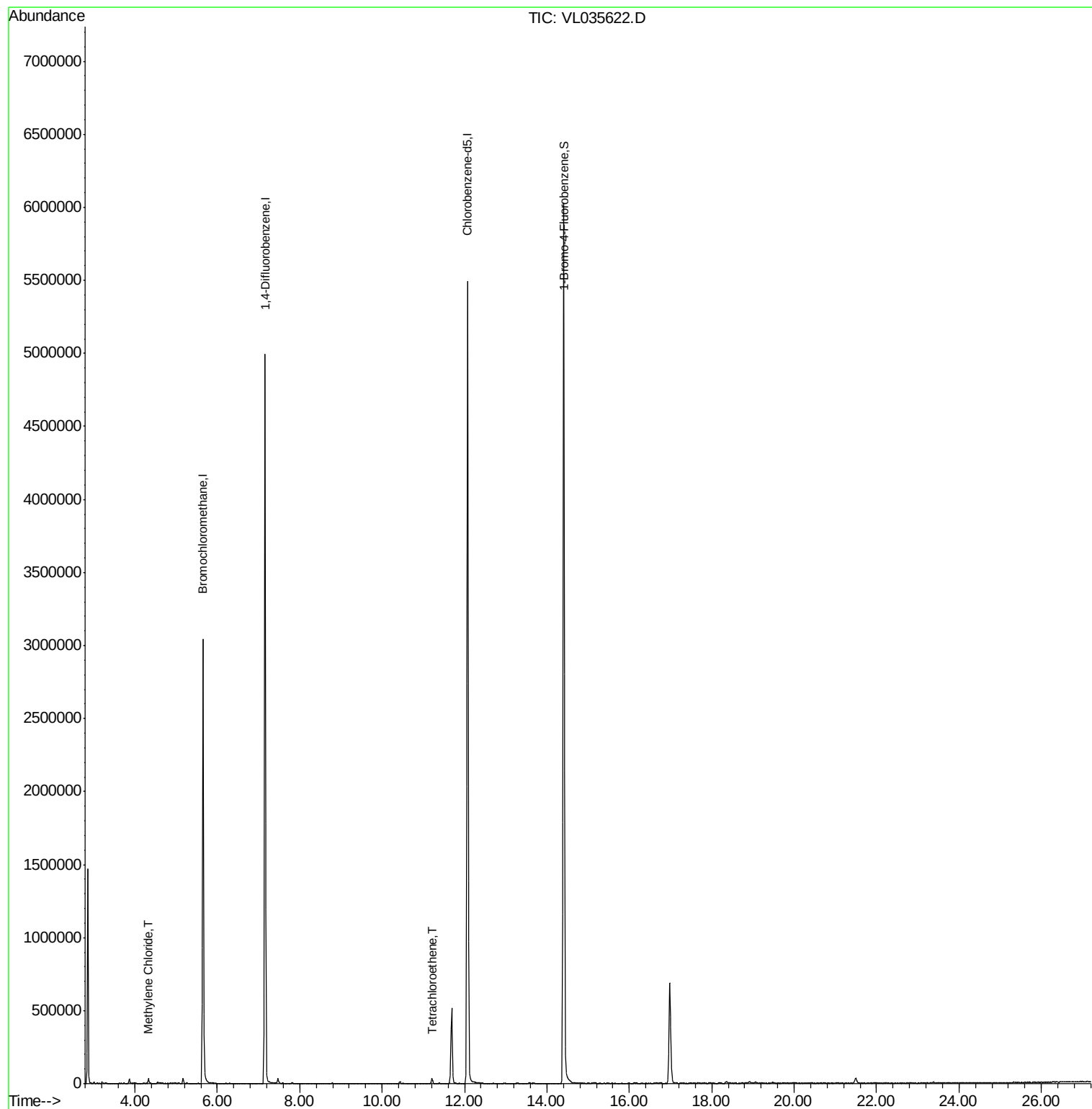
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091420\
Data File : VL035622.D
Acq On : 15 Sep 2020 5:51
Operator : SY/AP
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Misc : 400ml/MSVOA L
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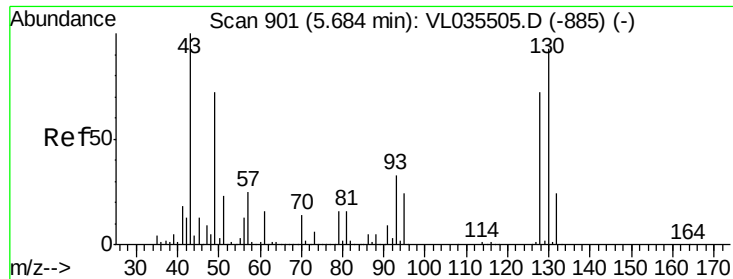
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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9/17/2020 5:41:13 PM

Quant Time: Sep 15 08:21:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL035622.D

Acq: 15 Sep 2020 5:51

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1010894

Ion Ratio Lower Upper

49 100

128 92.6 50.0 150.1

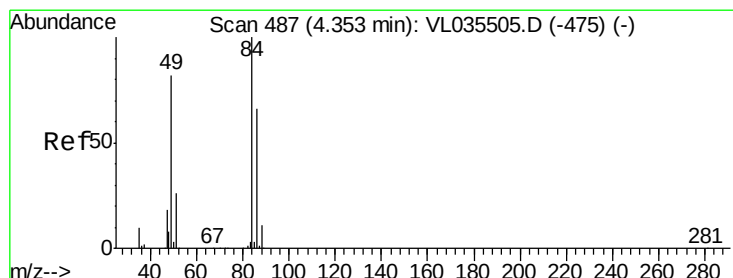
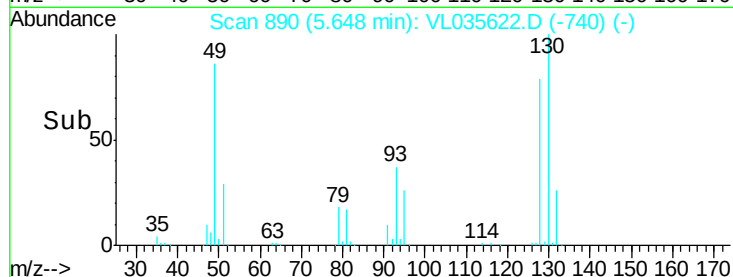
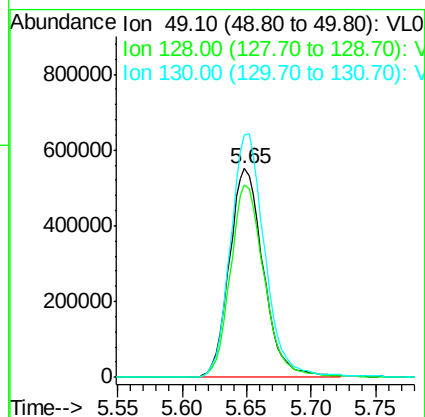
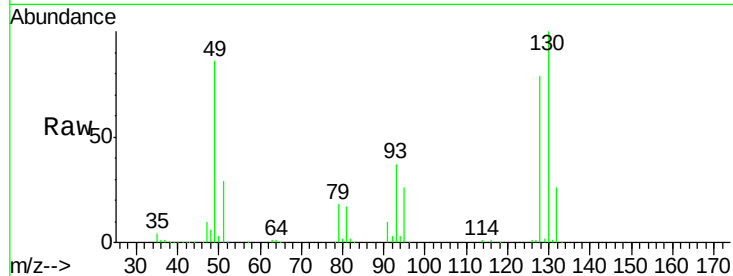
130 118.1 64.4 193.2

Manual Integrations

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#20

Methylene Chloride

Concen: 0.176 ppbv m

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL035622.D

Acq: 15 Sep 2020 5:51

Tgt Ion: 84 Resp: 14609

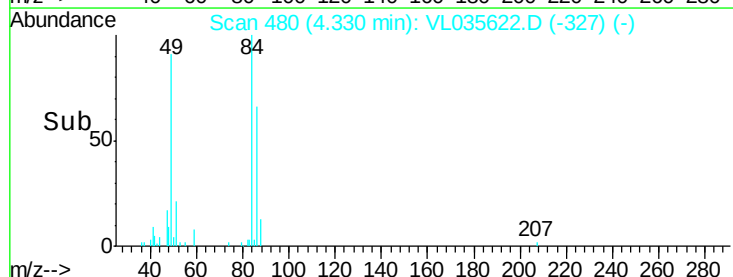
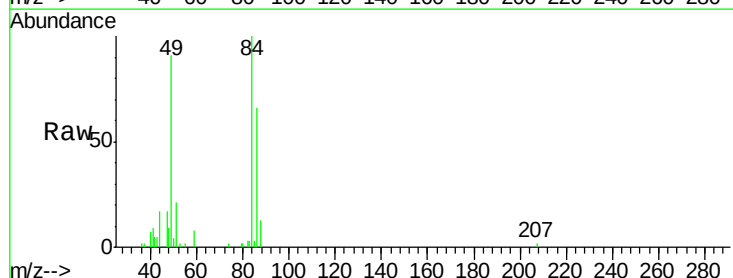
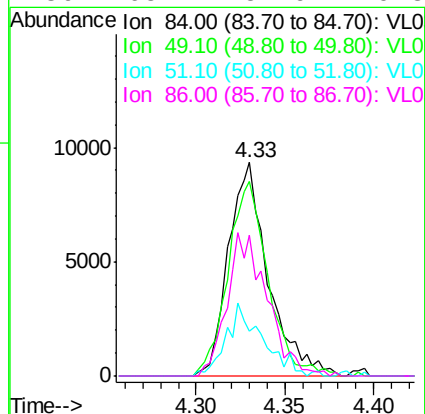
Ion Ratio Lower Upper

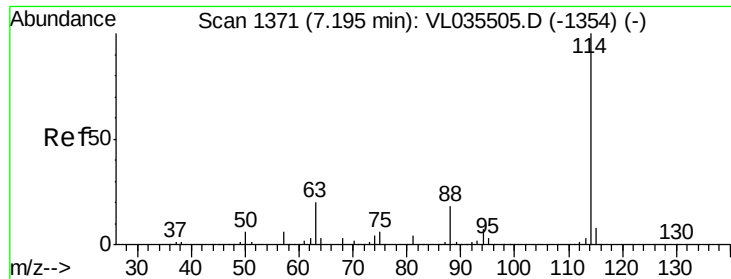
84 100

49 91.2 65.4 98.0

51 20.9 21.5 32.3#

86 65.7 52.9 79.3





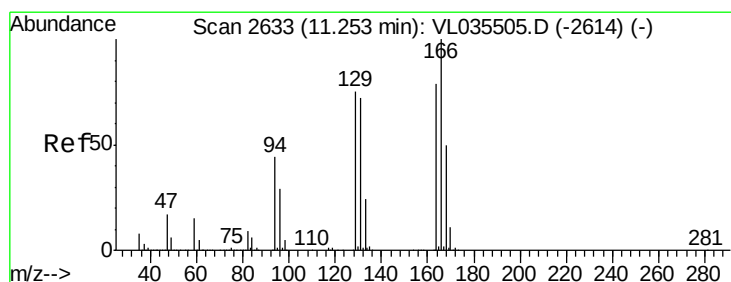
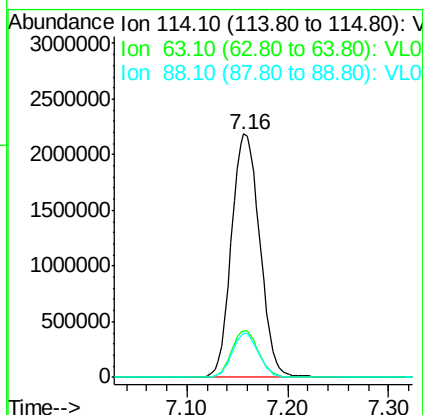
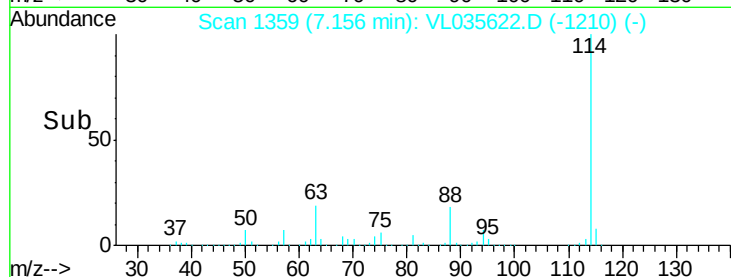
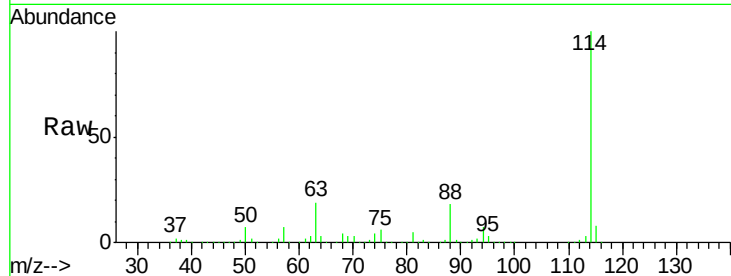
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VL035622.D
 Acq: 15 Sep 2020 5:51

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion:114 Resp: 4266993
 Ion Ratio Lower Upper
 114 100
 63 18.4 14.7 22.1
 88 16.8 13.4 20.2

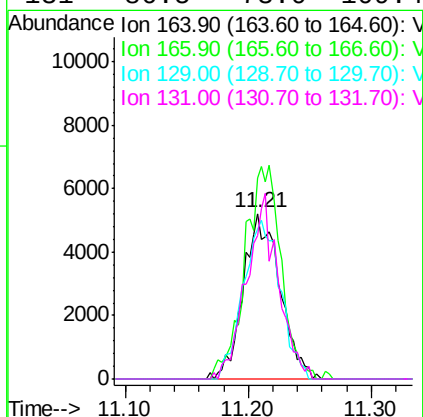
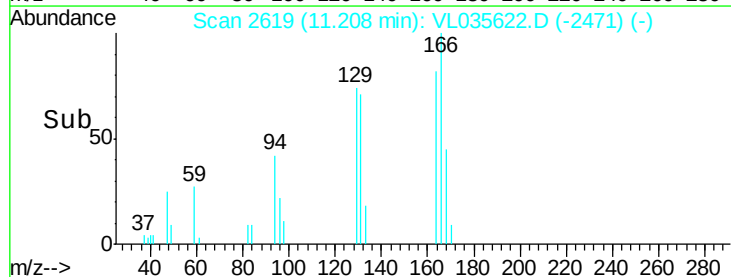
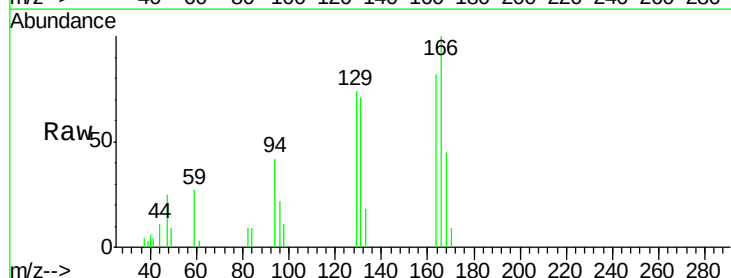
Manual Integrations
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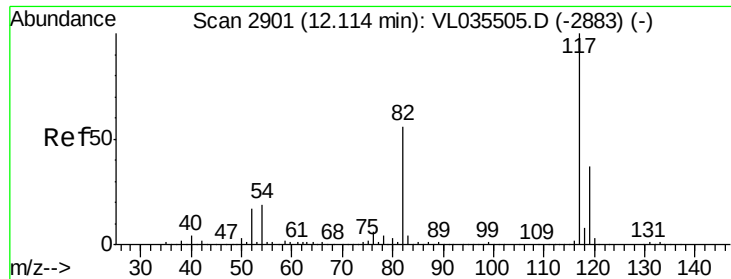
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#52
 Tetrachloroethene
 Concen: 0.067 ppbv m
 RT: 11.21 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: VL035622.D
 Acq: 15 Sep 2020 5:51

Tgt Ion:164 Resp: 10738
 Ion Ratio Lower Upper
 164 100
 166 121.3 100.9 151.3
 129 90.3 75.3 112.9
 131 86.5 73.0 109.4





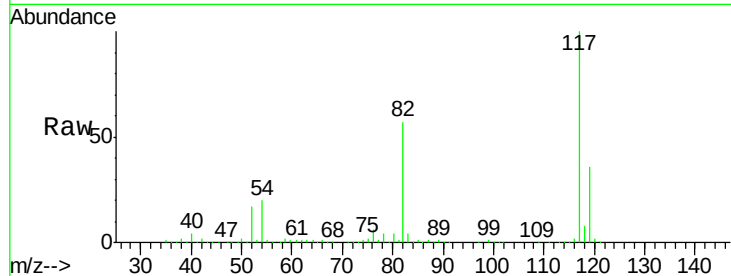
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL035622.D
Acq: 15 Sep 2020 5:51

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

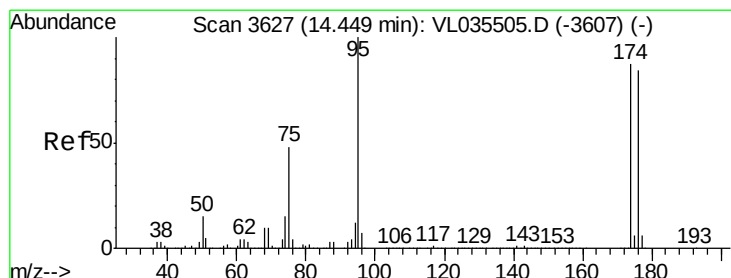
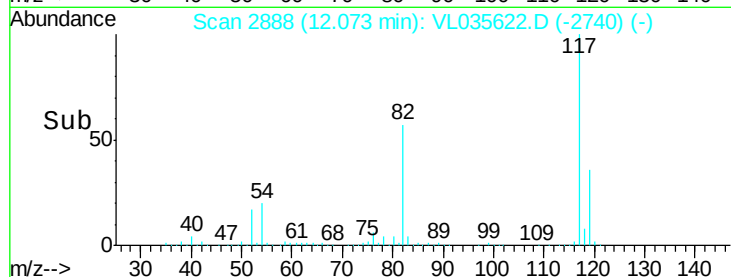
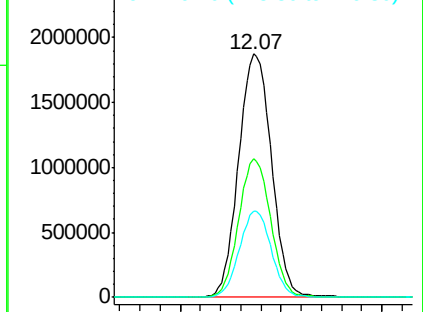
Tot Ion:117 Resp: 4239733
Ion Ratio Lower Upper
117 100
82 55.5 41.6 62.4
119 34.5 29.3 43.9

Manual Integrations
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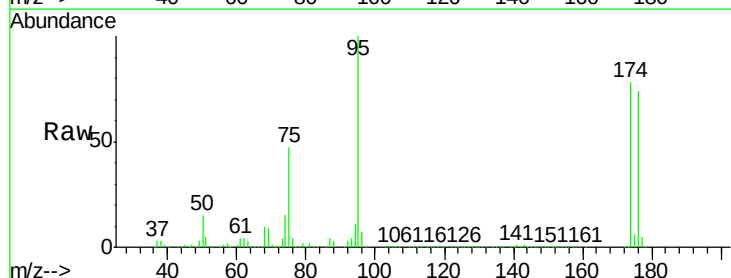


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.349 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL035622.D
Acq: 15 Sep 2020 5:51

Tgt Ion: 95 Resp: 3115866
Ion Ratio Lower Upper
95 100
174 79.9 69.6 104.4
175 5.7 5.1 7.7



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

