

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035365.D
 Acq On : 7 Aug 2020 1:06
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:54:40 PM

Quant Time: Aug 07 08:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1292479	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3261673	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3025376	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2520334	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	27421m	0.149	ppbv	
20) Methylene Chloride	4.31	84	11195m	0.150	ppbv	

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

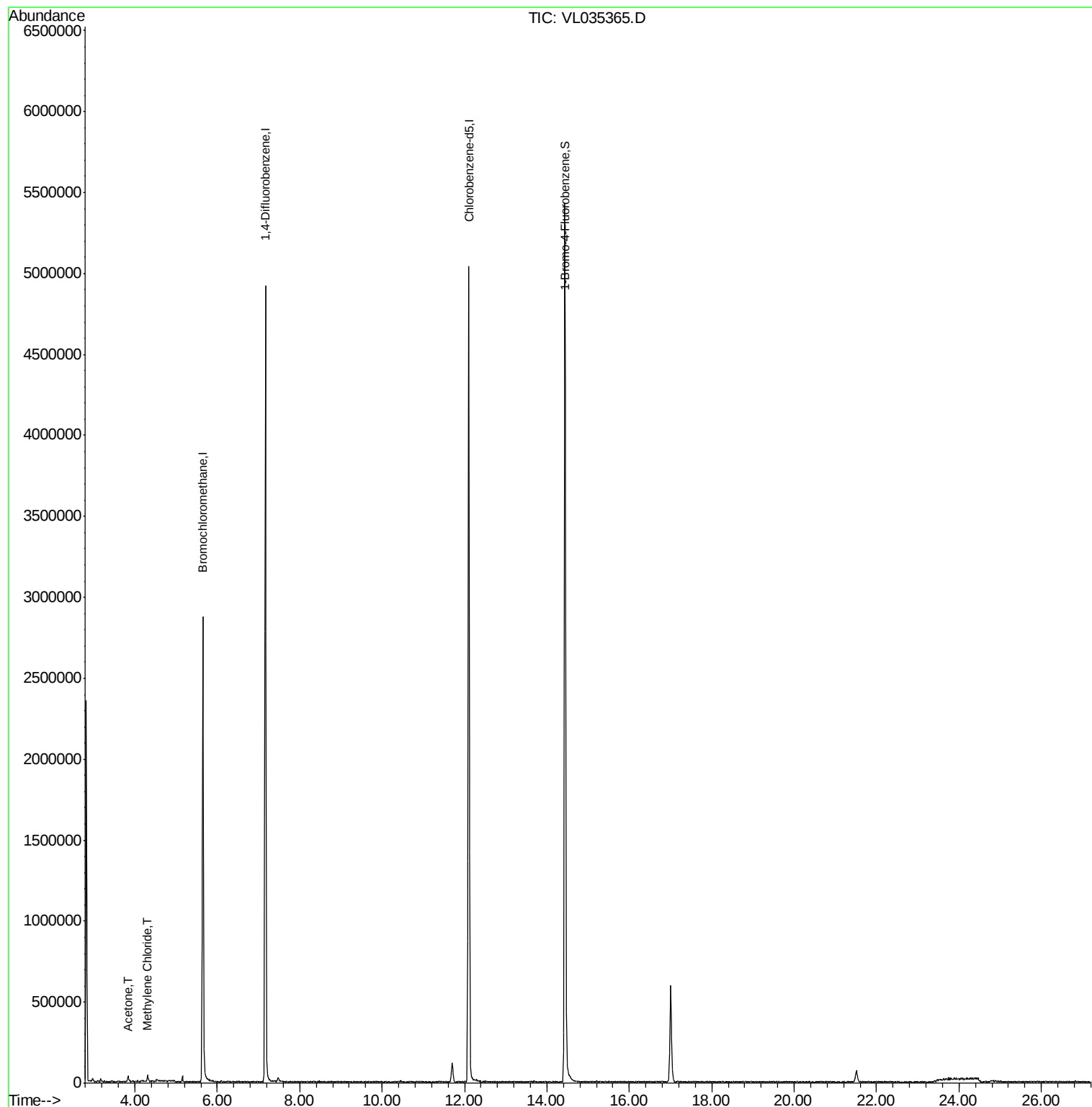
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080620\
Data File : VL035365.D
Acq On : 7 Aug 2020 1:06
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

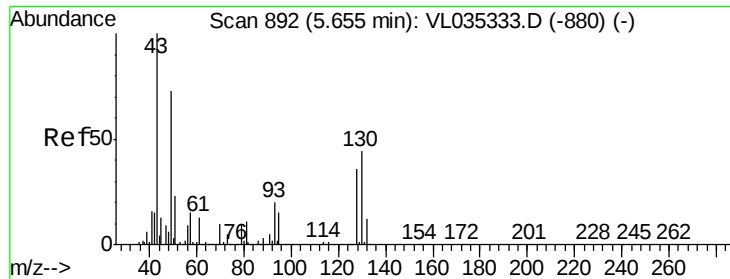
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

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8/7/2020 12:54:40 PM

Quant Time: Aug 07 08:55:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035365.D

Acq: 7 Aug 2020 1:06

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1292479

Ion Ratio Lower Upper

49 100

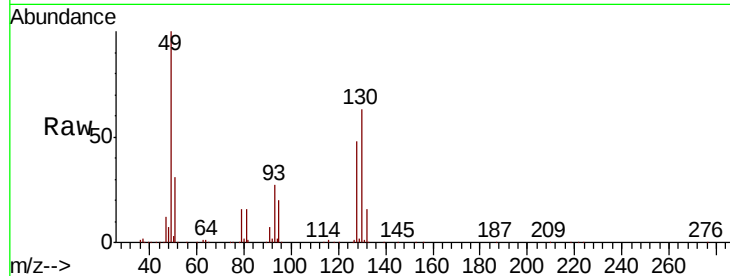
128 50.9 25.4 76.0

130 65.5 32.1 96.3

Manual Integrations
APPROVED

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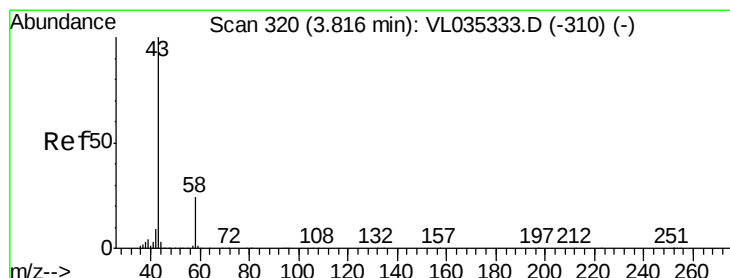
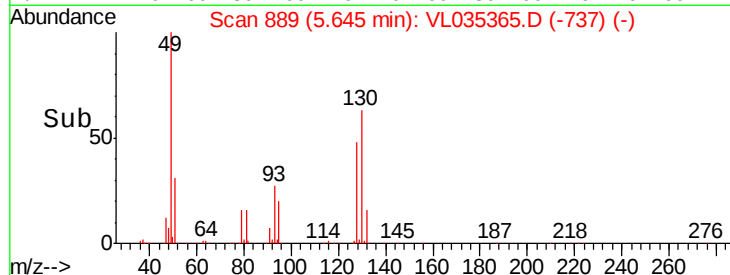
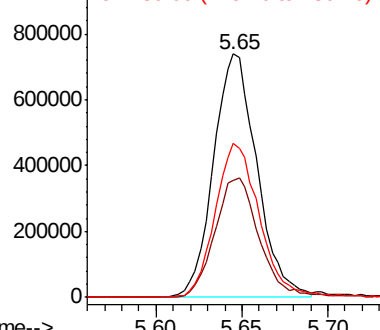
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.149 ppbv m

RT: 3.83 min Scan# 326

Delta R.T. 0.02 min

Lab File: VL035365.D

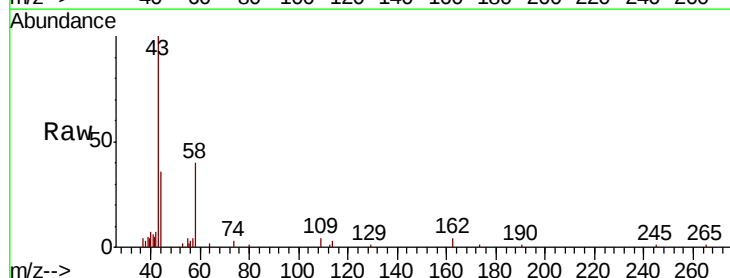
Acq: 7 Aug 2020 1:06

Tgt Ion: 43 Resp: 27421

Ion Ratio Lower Upper

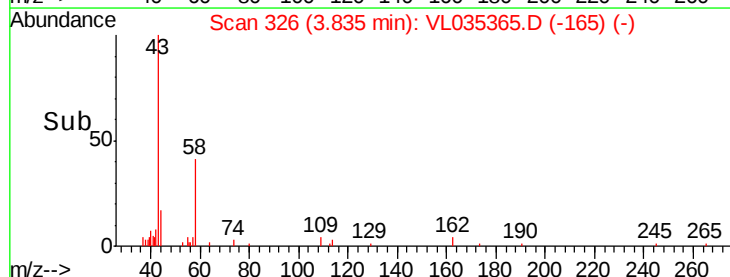
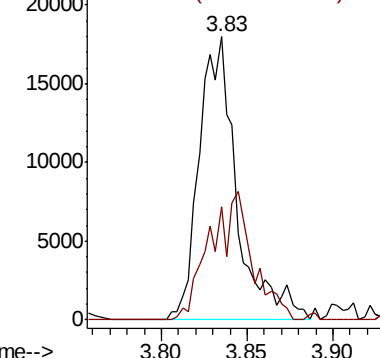
43 100

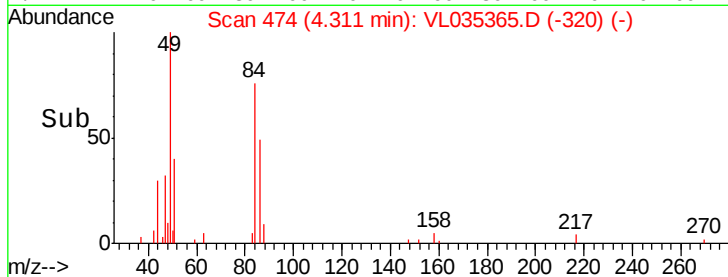
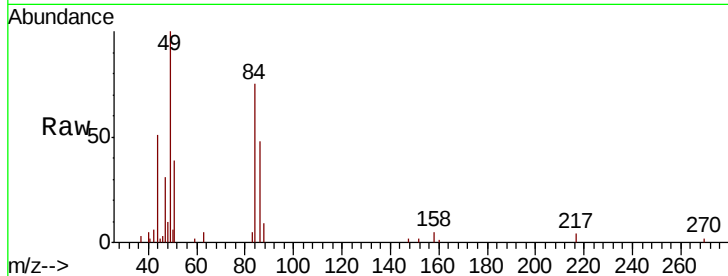
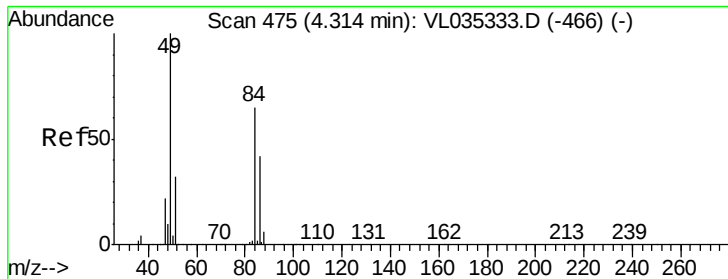
58 0.0 21.0 31.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





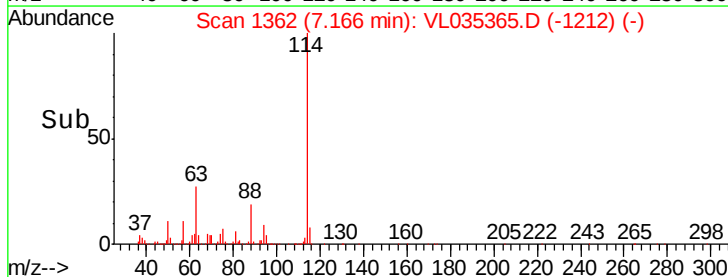
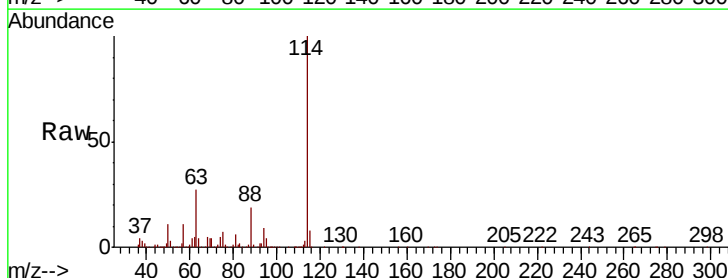
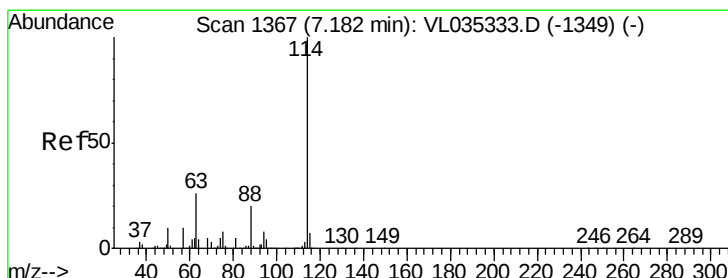
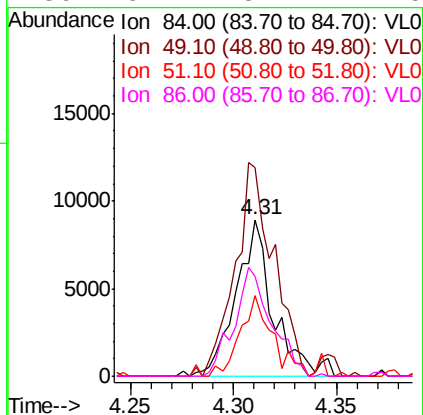
#20
Methvlene Chloride
Concen: 0.150 ppbv m
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035365.D
Acq: 7 Aug 2020 1:06

Tot Ion	Ratio	Lower	Upper
84	100		
49	133.0	122.8	184.2
51	51.7	40.1	60.1
86	64.1	51.7	77.5

Instrument :
MSVOA_L
ClientSampled :
VIBLK

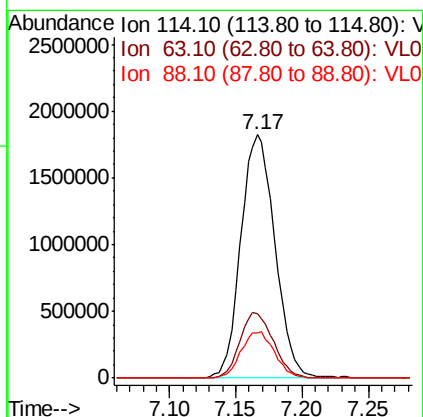
Manual Integrations
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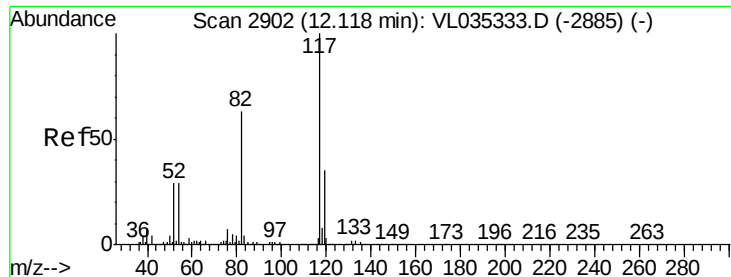
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL035365.D
Acq: 7 Aug 2020 1:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.3	31.9
88	18.8	15.3	22.9





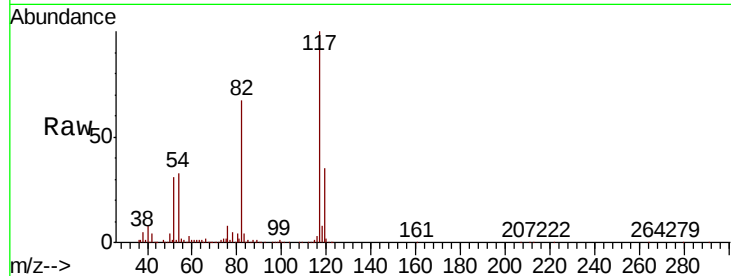
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL035365.D
Acq: 7 Aug 2020 1:06

Instrument :
MSVOA_L
ClientSampled :
VIBLK

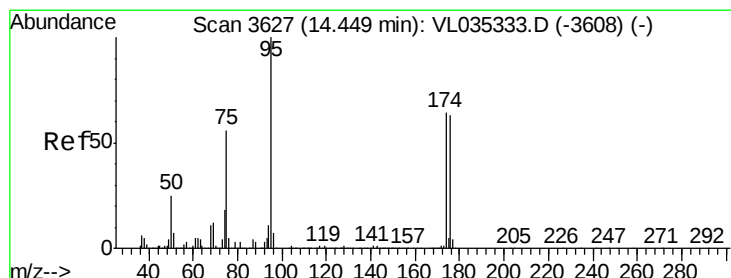
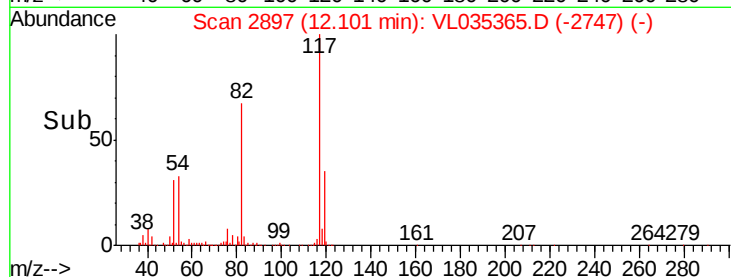
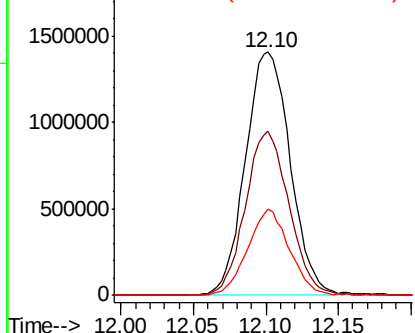
Tot Ion	Ratio	Lower	Upper
117	100		
82	66.2	51.0	76.4
119	33.0	24.7	37.1

Manual Integrations
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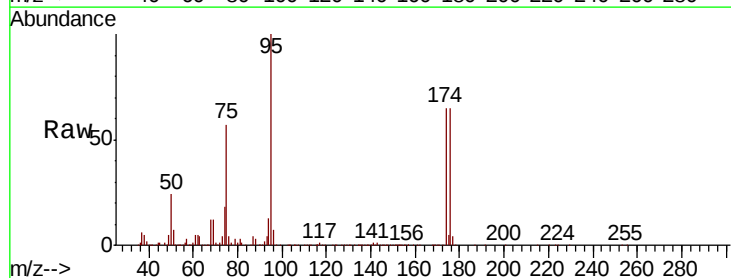


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.990 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035365.D
Acq: 7 Aug 2020 1:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.6	53.5	80.3
175	5.1	4.2	6.2



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

