

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036576.D
 Acq On : 30 Mar 2021 19:13
 Operator : SY/AP
 Sample : M1797-05DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-06(2021)DL

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 10:58:46 AM

Quant Time: Mar 31 21:05:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1384086	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3246138	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2887223	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2352982	10.23	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	67735m	6.900	ppbv	
15) Acetone	3.85	43	123820	0.909	ppbv #	68

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

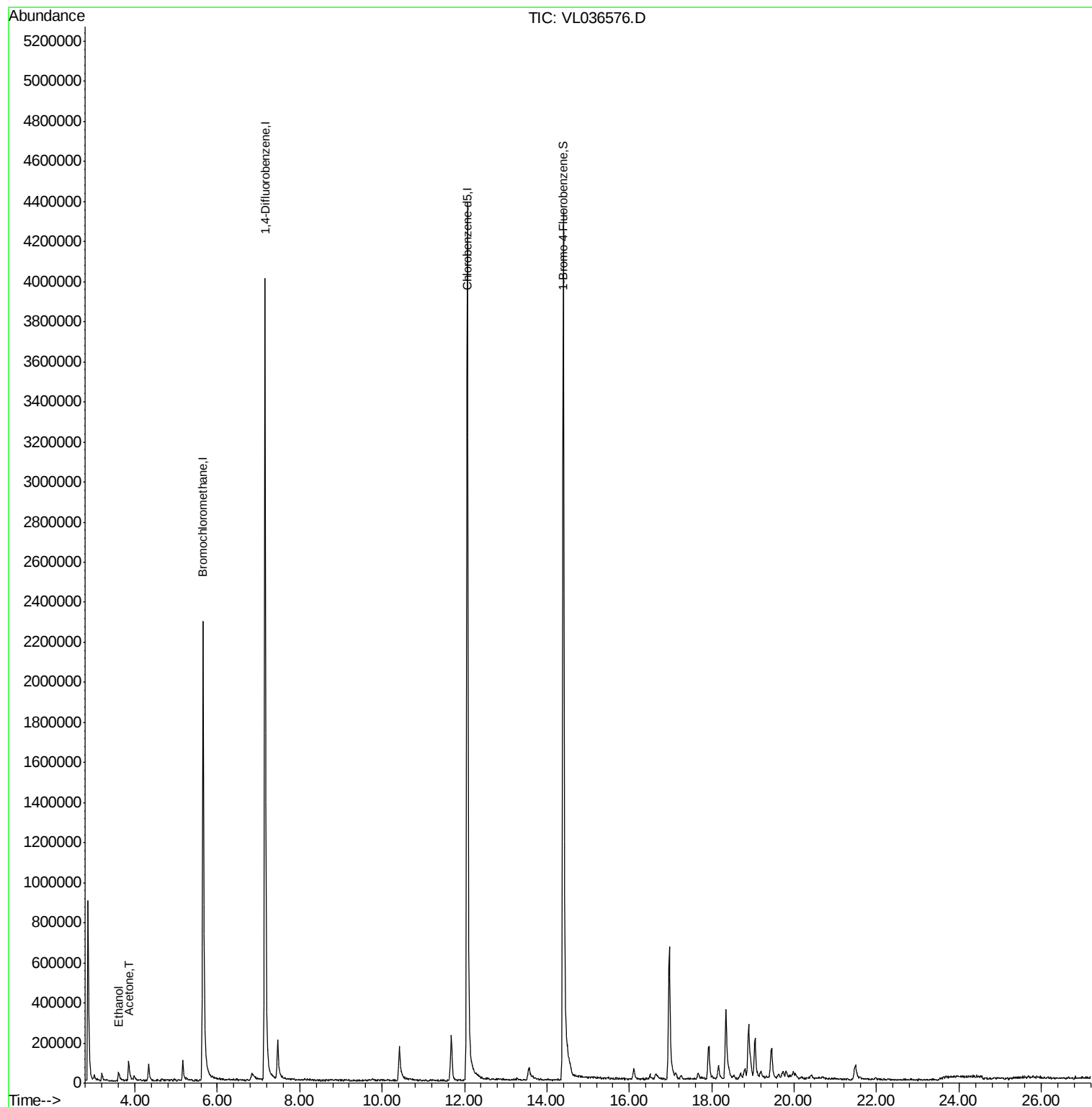
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036576.D
Acq On : 30 Mar 2021 19:13
Operator : SY/AP
Sample : M1797-05DL 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

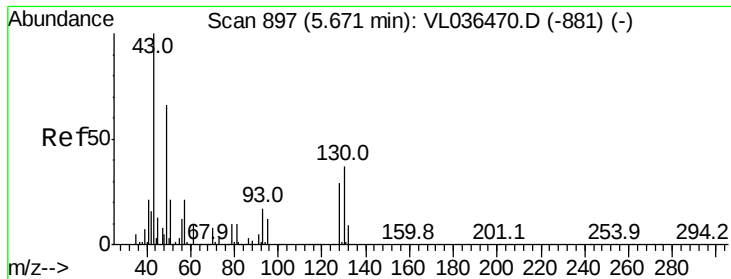
Instrument :
MSVOA_L
ClientSampleId :
MF-SG-06(2021)DL

Manual Integrations
APPROVED

MMDadoda
4/1/2021 10:58:46 AM

Quant Time: Mar 31 21:05:08 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# 891

Delta R.T. -0.02 min

Lab File: VL036576.D

Acq: 30 Mar 2021 19:13

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-06(2021)DL

Tot Ion: 49 Resp: 1384086

Ion Ratio Lower Upper

49 100

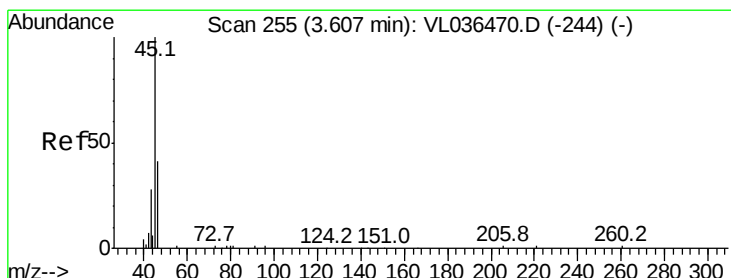
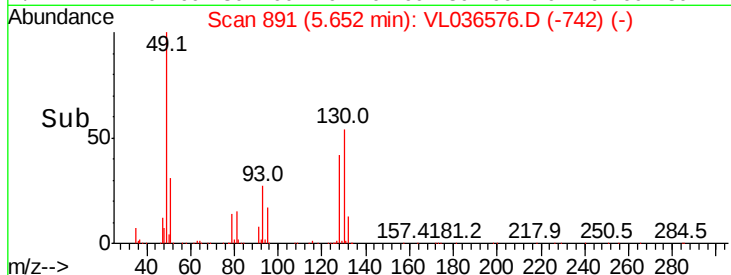
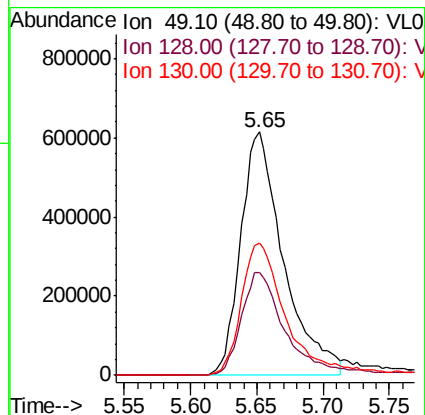
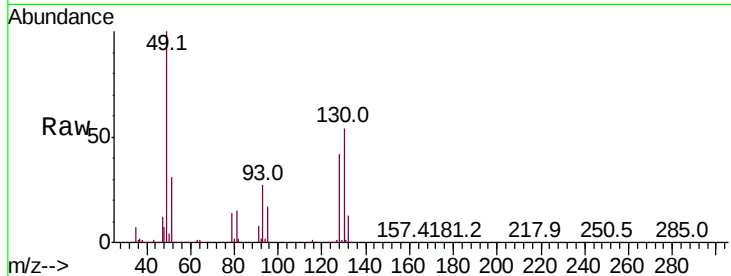
128 45.6 23.5 70.6

130 59.1 29.1 87.4

Manual Integrations
APPROVED

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4/1/2021 10:58:46 AM



#13

Ethanol

Concen: 6.900 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL036576.D

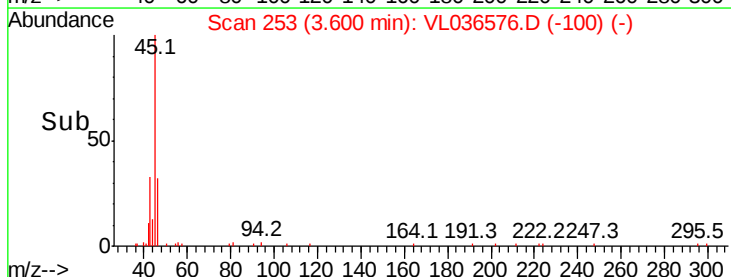
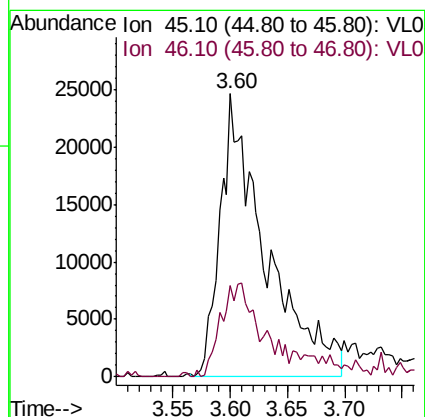
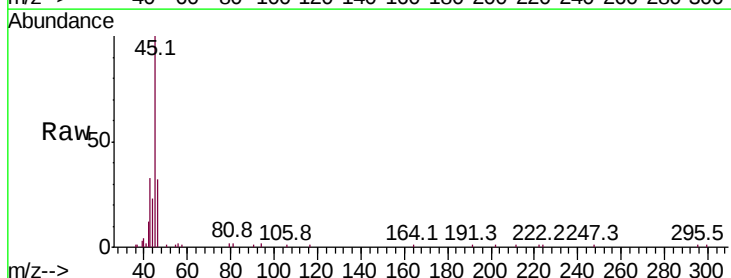
Acq: 30 Mar 2021 19:13

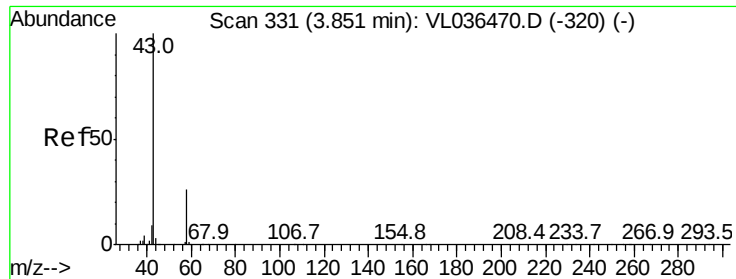
Tgt Ion: 45 Resp: 67735

Ion Ratio Lower Upper

45 100

46 0.0 16.6 66.2#





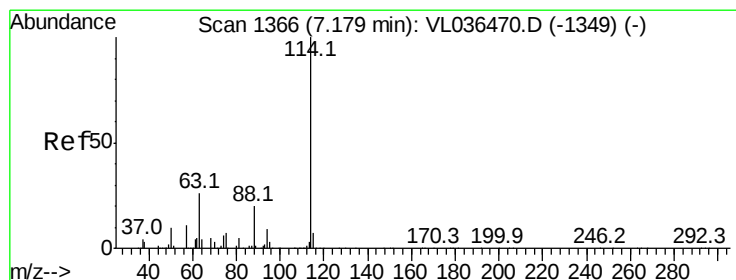
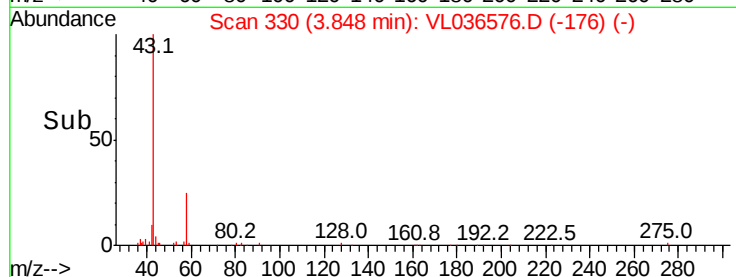
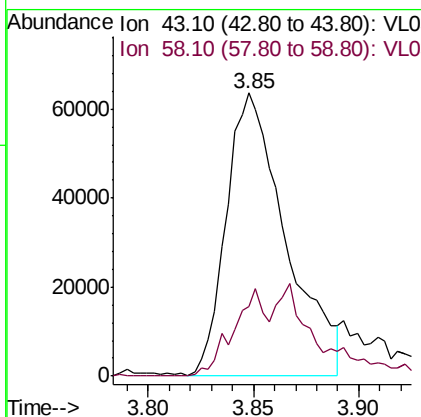
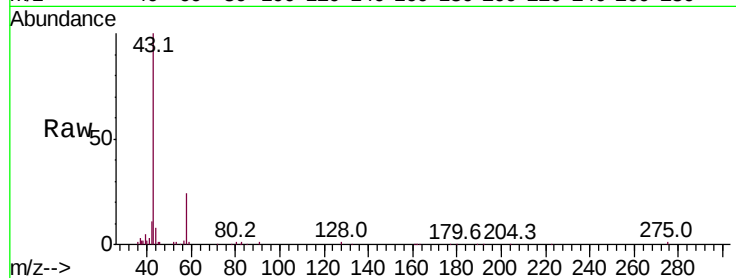
#15
Acetone
Concen: 0.909 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL036576.D
Acq: 30 Mar 2021 19:13

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-06(2021)DL

Tot Ion	43	Resp	123820
Ion Ratio	100	Lower	Upper
43	100		
58	43.0	21.2	31.8#

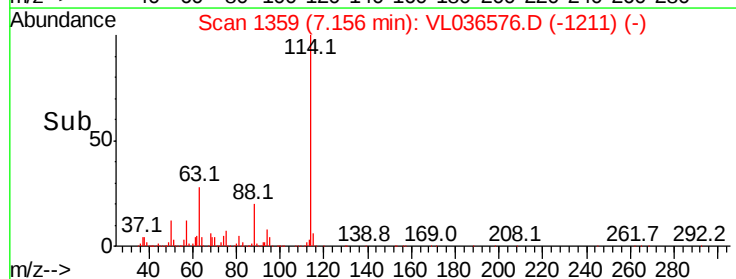
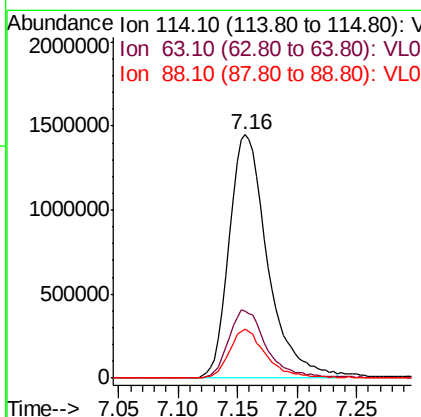
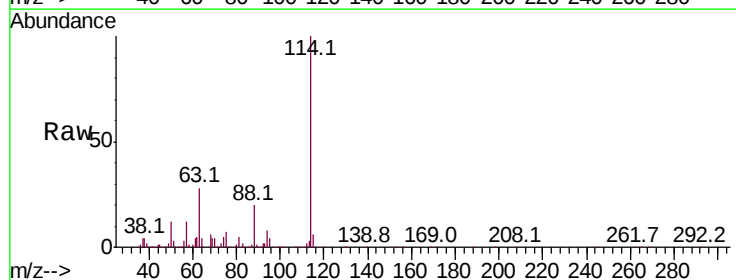
Manual Integrations
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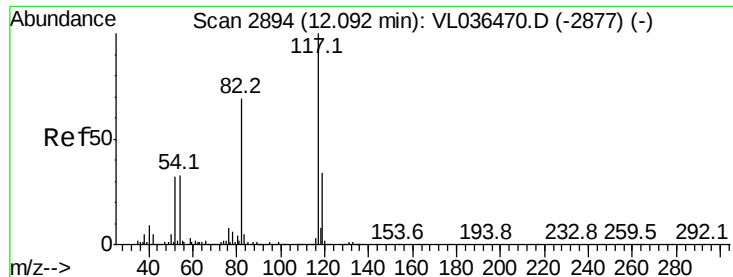
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4/1/2021 10:58:46 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036576.D
Acq: 30 Mar 2021 19:13

Tgt Ion	114	Resp	3246138
Ion Ratio	100	Lower	Upper
114	100		
63	28.2	22.4	33.6
88	19.4	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. -0.02 min

Lab File: VL036576.D

Acq: 30 Mar 2021 19:13

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-06(2021)DL

Tot Ion:117 Resp: 2887223

Ion Ratio Lower Upper

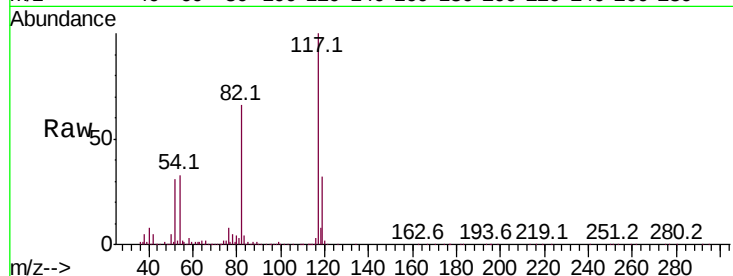
117 100

82 71.5 57.4 86.0

119 33.8 47.4 71.0#

Manual Integrations
APPROVED

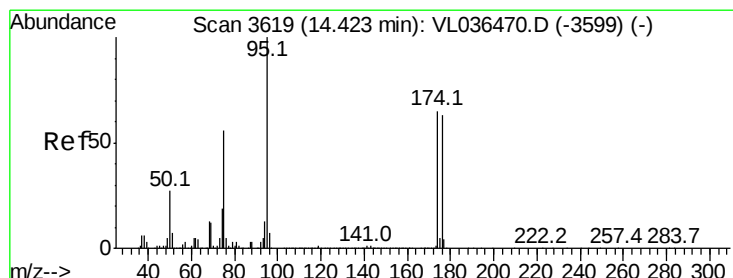
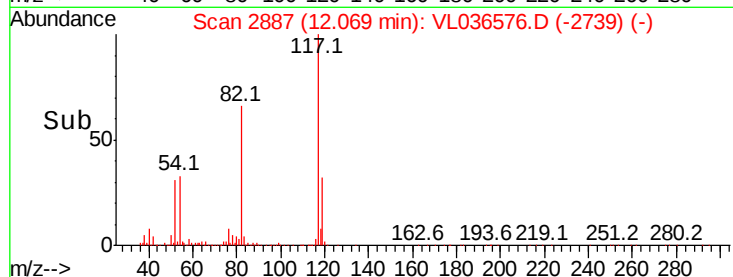
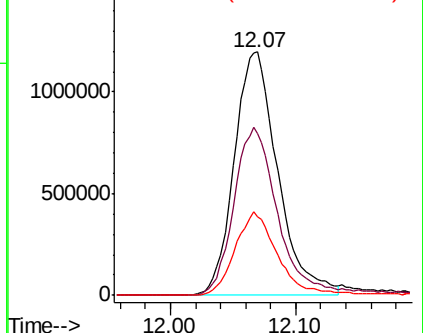
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.225 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL036576.D

Acq: 30 Mar 2021 19:13

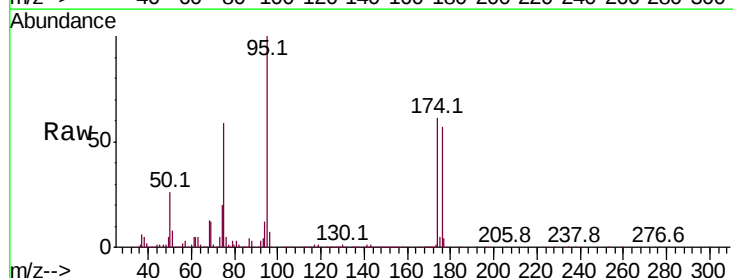
Tgt Ion: 95 Resp: 2352982

Ion Ratio Lower Upper

95 100

174 64.0 51.0 76.6

175 4.5 3.9 5.9



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

