

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035872.D
 Acq On : 5 Nov 2020 23:02
 Operator : SY/AP
 Sample : L4618-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:47:39 AM

Quant Time: Nov 06 01:37:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	981812	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3590177	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3306655	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2377836	10.12	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%
Target Compounds						
15) Acetone	3.85	43	28262	0.269	ppbv #	42
20) Methylene Chloride	4.32	84	26188m	0.354	ppbv	

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

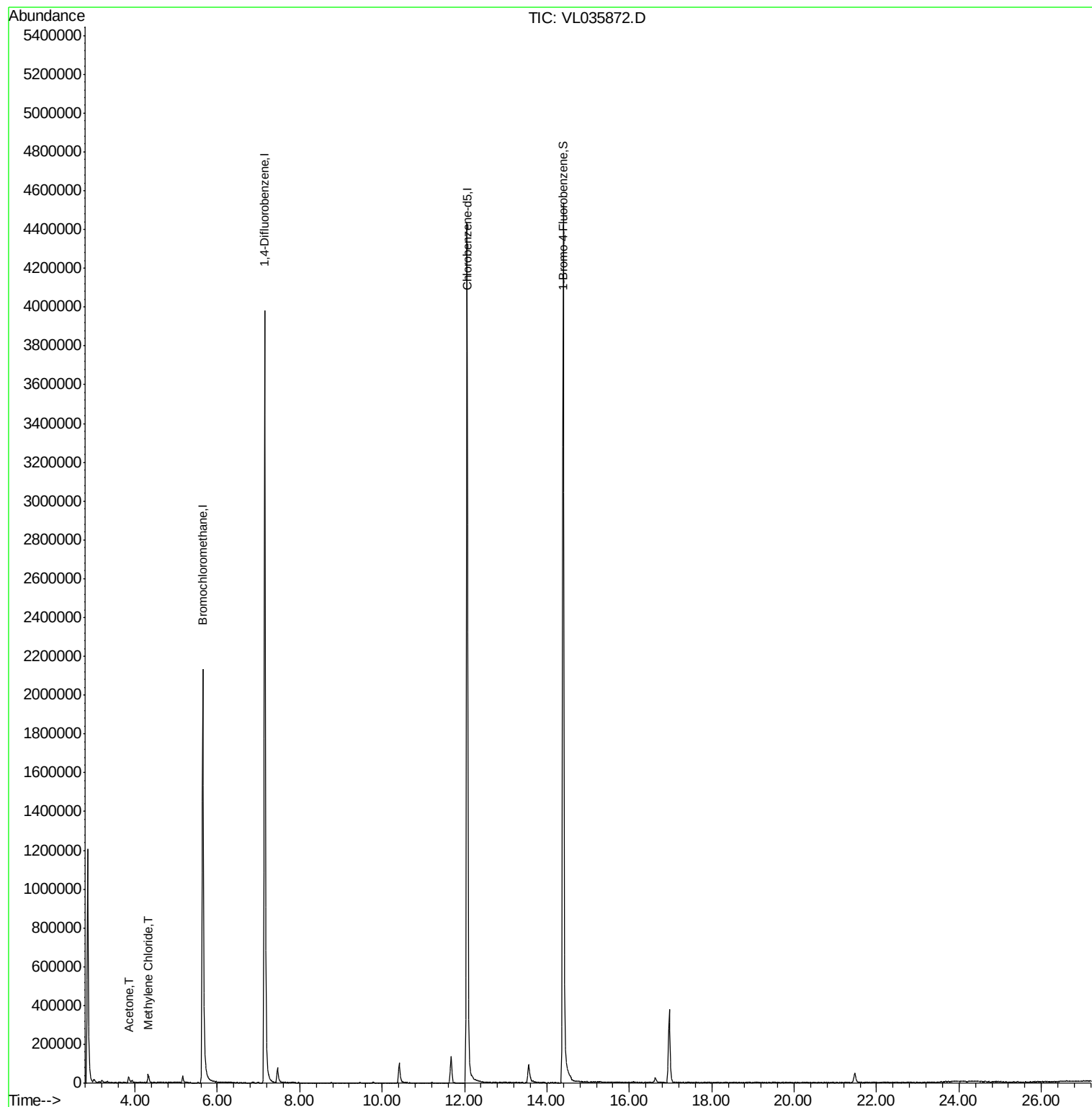
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
Data File : VL035872.D
Acq On : 5 Nov 2020 23:02
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

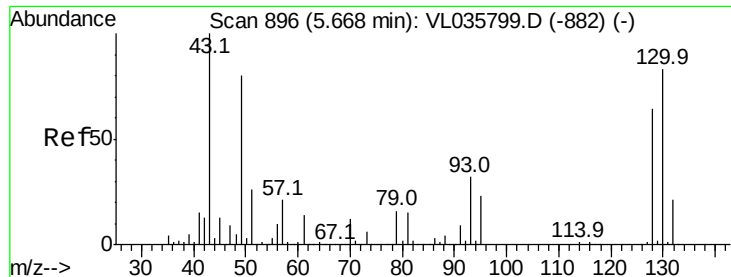
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





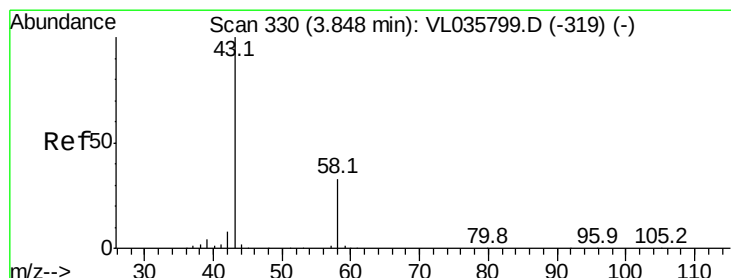
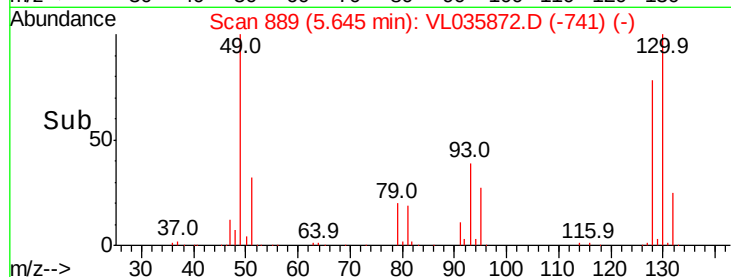
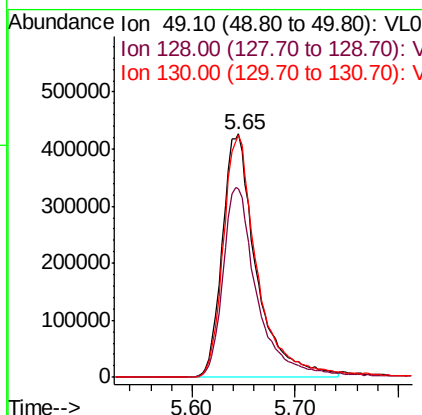
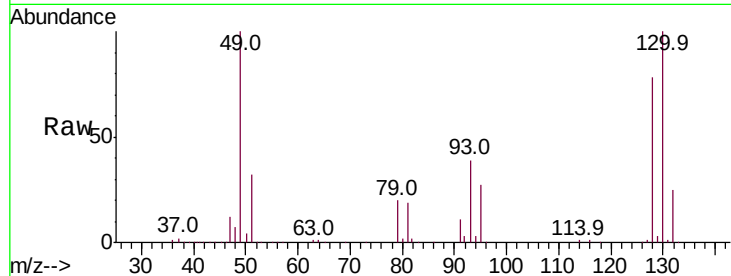
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: VL035872.D
 Acq: 5 Nov 2020 23:02

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	80.5	41.5	124.6
130	102.0	53.7	161.1

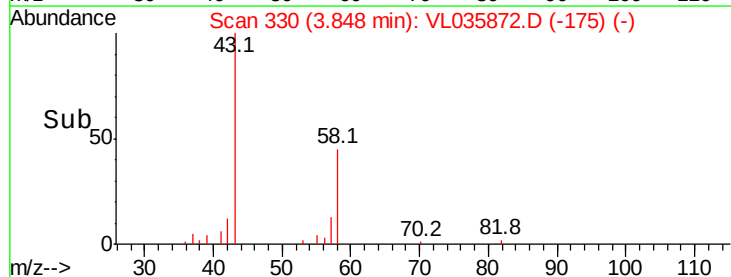
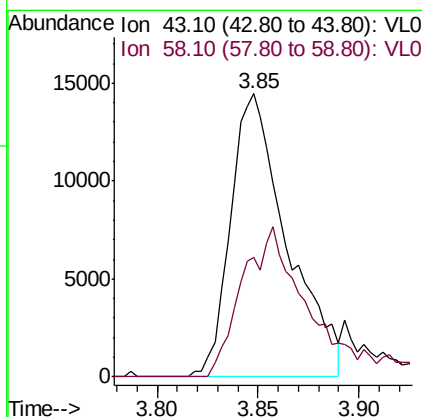
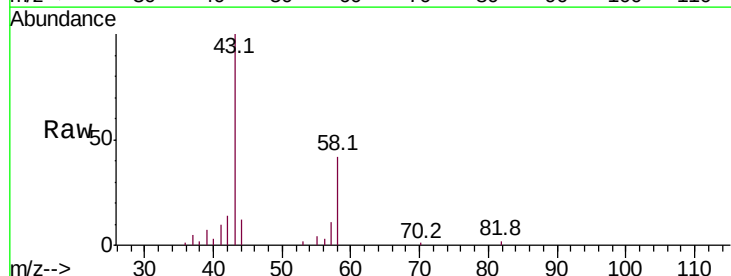
Manual Integrations
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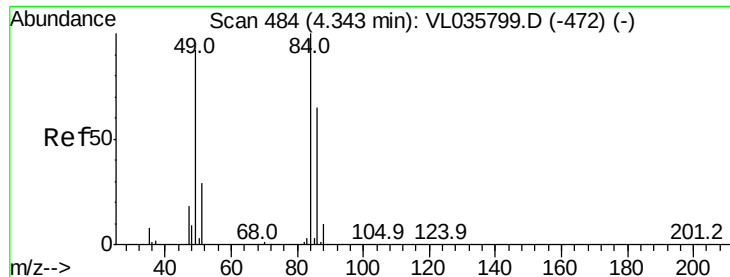
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#15
 Acetone
 Concen: 0.269 ppbv
 RT: 3.85 min Scan# 330
 Delta R.T. -0.00 min
 Lab File: VL035872.D
 Acq: 5 Nov 2020 23:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	67.7	27.5	41.3#





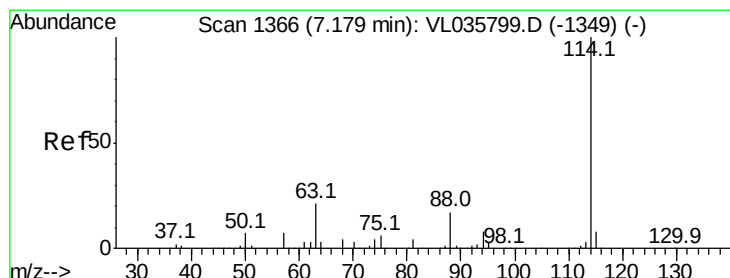
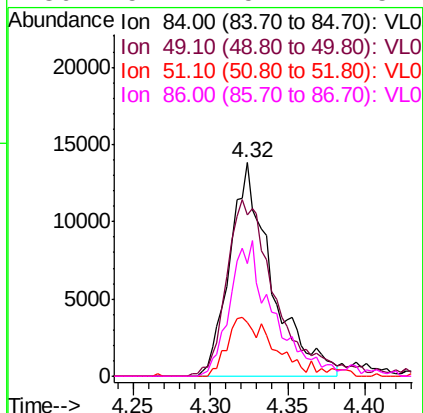
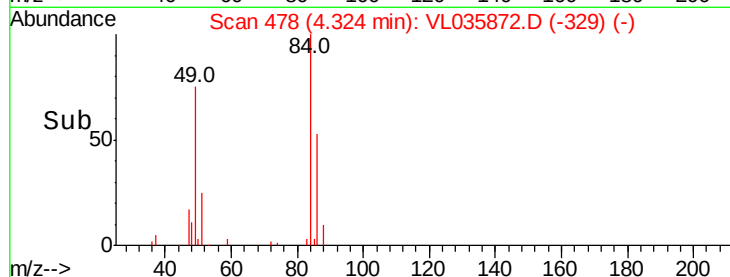
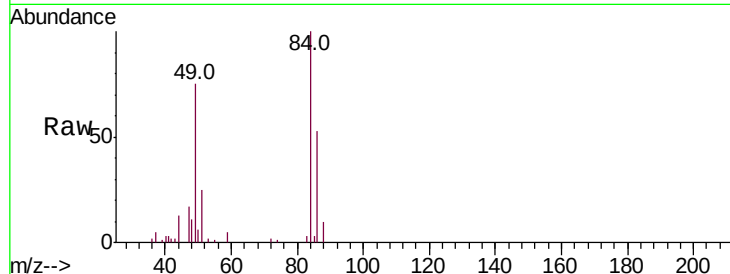
#20
Methylene Chloride
Concen: 0.354 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035872.D
Acq: 5 Nov 2020 23:02

Instrument :
MSVOA_L
ClientSampled :
AA-1DL

Tot Ion	84	Resp	26188
Ion	Ratio	Lower	Upper
84	100		
49	75.4	73.8	110.8
51	25.0	23.0	34.4
86	52.7	52.1	78.1

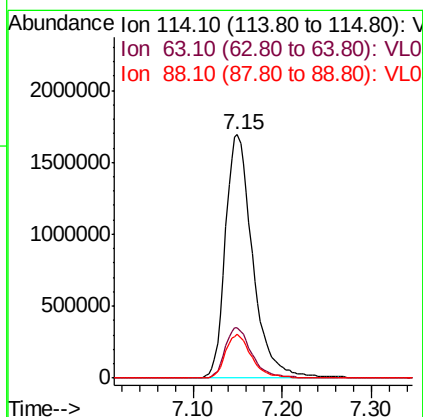
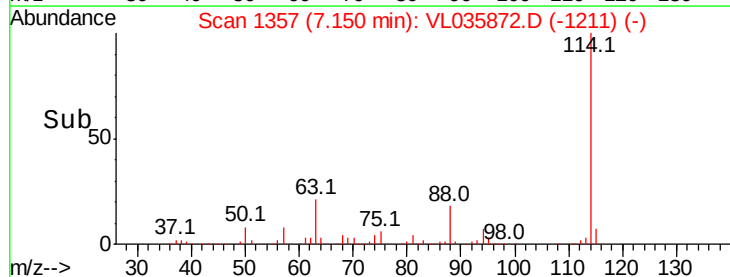
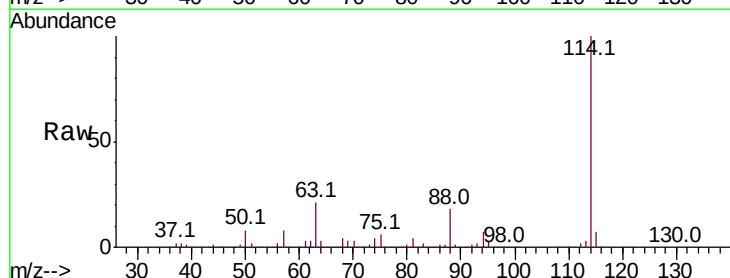
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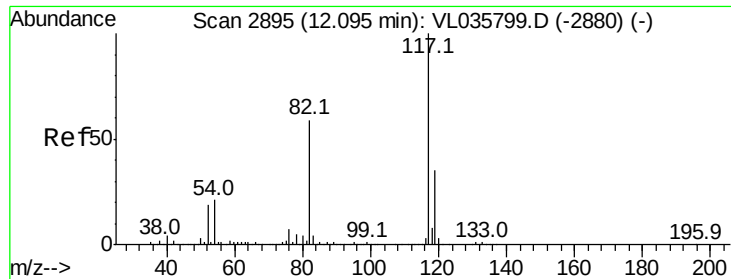
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035872.D
Acq: 5 Nov 2020 23:02

Tgt Ion	114	Resp	3590177
Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	17.3	13.7	20.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL035872.D

Acq: 5 Nov 2020 23:02

Instrument :

MSVOA_L

ClientSampleId :

AA-1DL

Tot Ion:117 Resp: 3306655

Ion Ratio Lower Upper

117 100

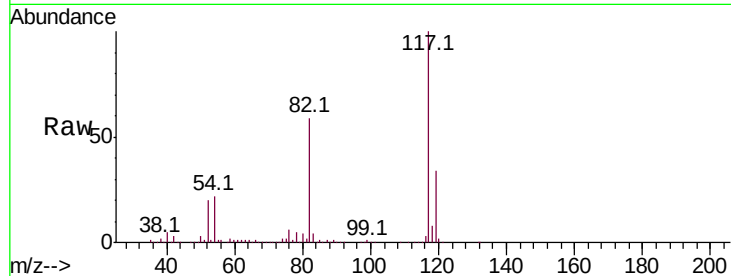
82 60.4 50.6 76.0

119 34.1 52.6 78.8#

Manual Integrations
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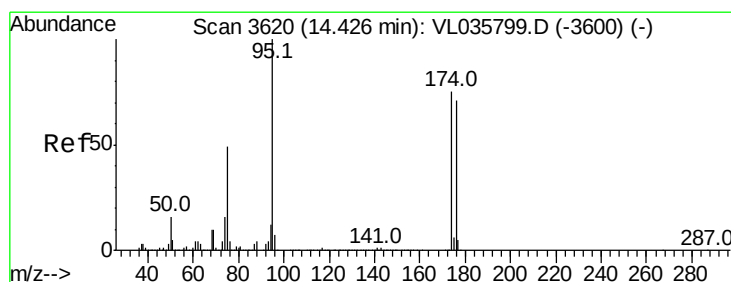
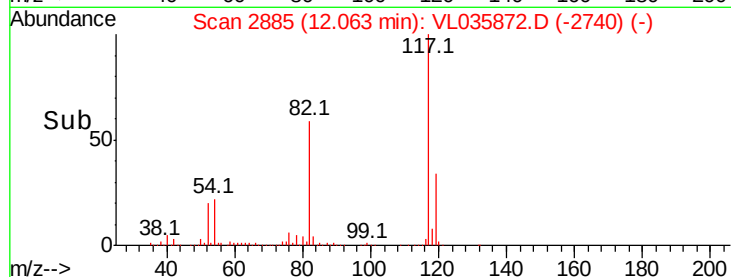
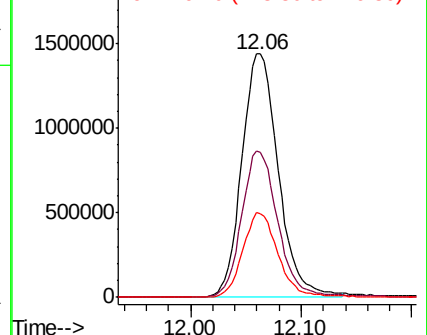
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.121 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL035872.D

Acq: 5 Nov 2020 23:02

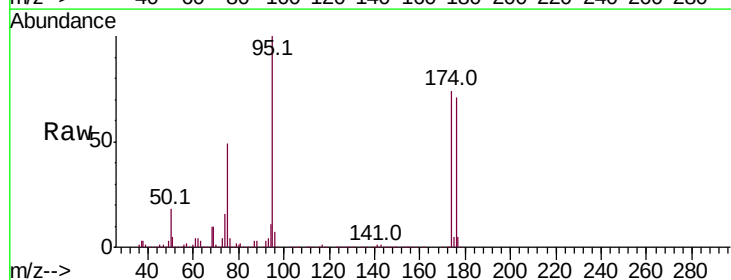
Tgt Ion: 95 Resp: 2377836

Ion Ratio Lower Upper

95 100

174 74.6 59.8 89.6

175 5.3 4.3 6.5



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

