

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037198.D
 Acq On : 17 Jun 2021 12:48
 Operator : SY/AP
 Sample : OC061621 CAN 10285
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061621 CAN 10285

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 12:53:53 PM

Quant Time: Jun 18 02:01:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 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	1411214	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4181037	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3495642	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2547129	9.62	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	21456m	0.135	ppbv	
20) Methylene Chloride	4.34	84	18271m	0.192	ppbv	

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

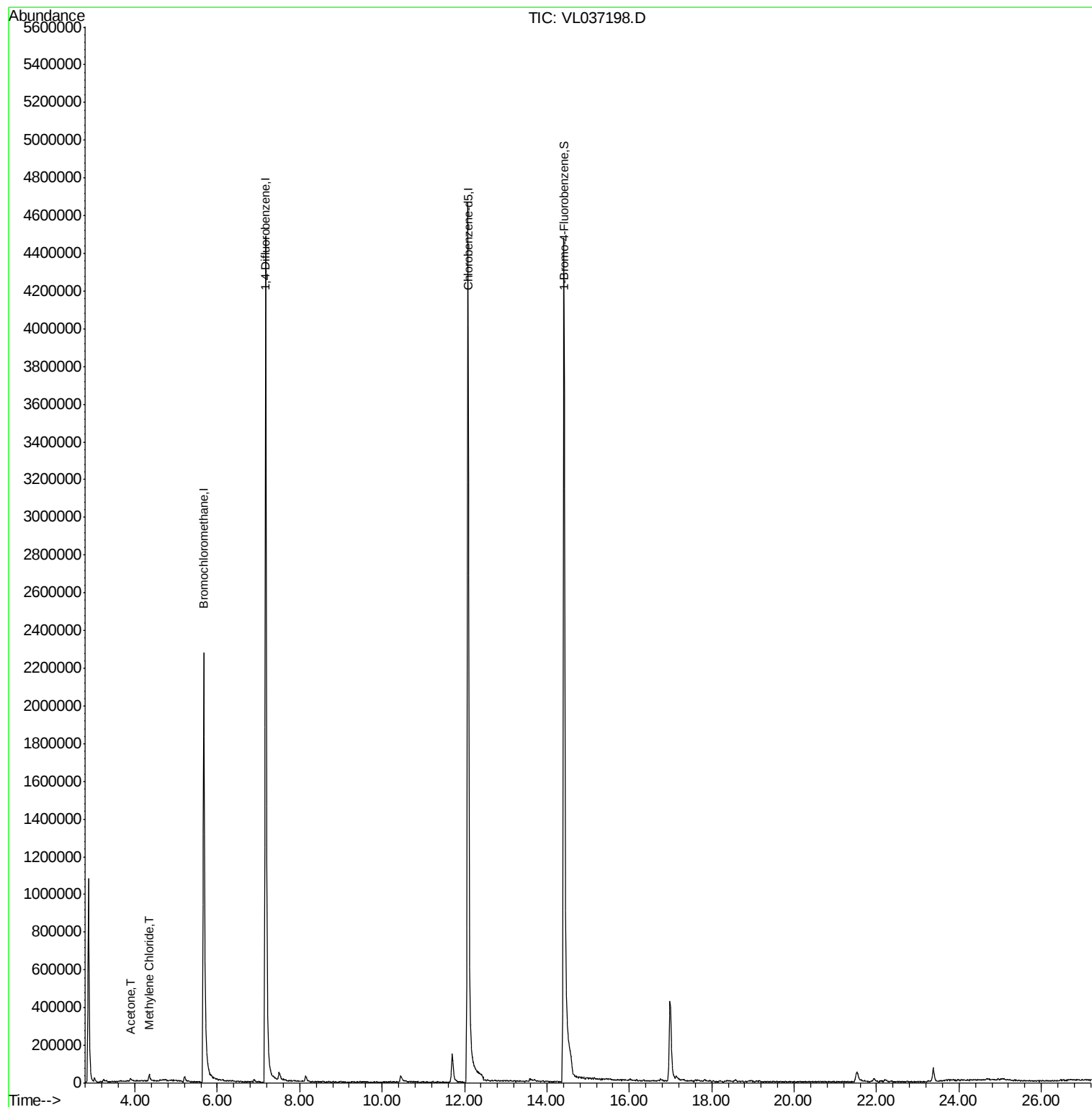
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061721\
Data File : VL037198.D
Acq On : 17 Jun 2021 12:48
Operator : SY/AP
Sample : OC061621 CAN 10285
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

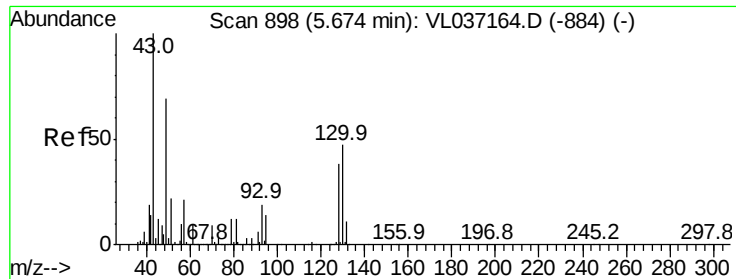
Instrument :
MSVOA_L
ClientSampleId :
QC061621 CAN 10285

Manual Integrations
APPROVED

MMDadoda
6/21/2021 12:53:53 PM

Quant Time: Jun 18 02:01:52 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

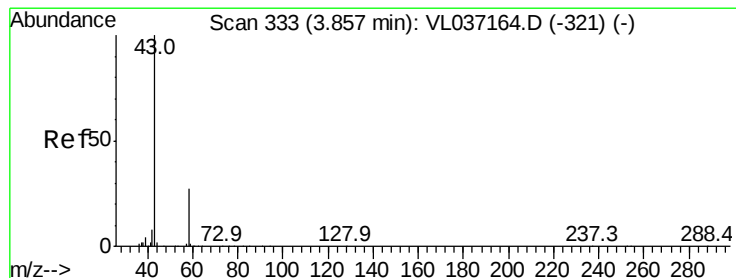
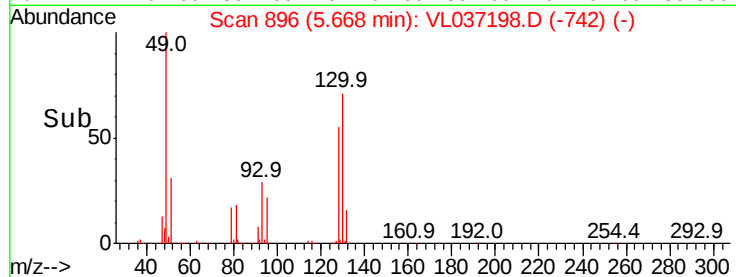
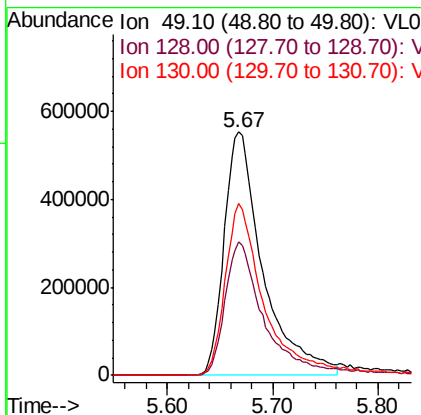
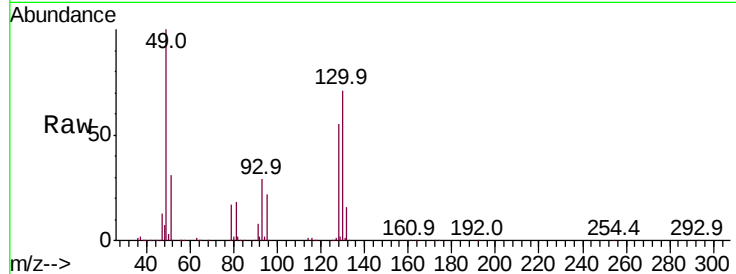
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: VL037198.D
 Acq: 17 Jun 2021 12:48

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061621 CAN 10285

Tot Ion: 49 Resp: 1411214
 Ion Ratio Lower Upper
 49 100
 128 57.7 29.3 88.0
 130 72.4 35.9 107.8

Manual Integrations
 APPROVED

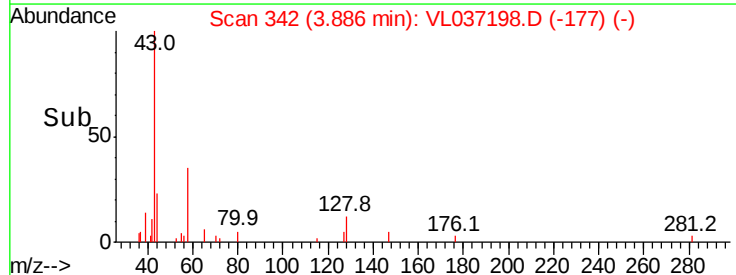
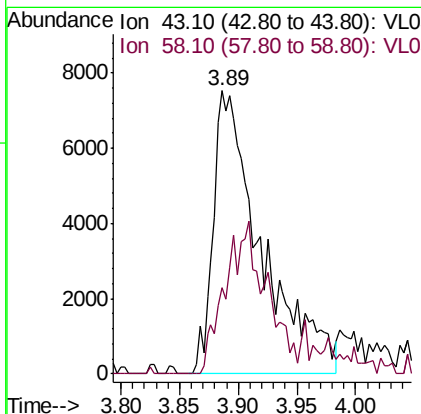
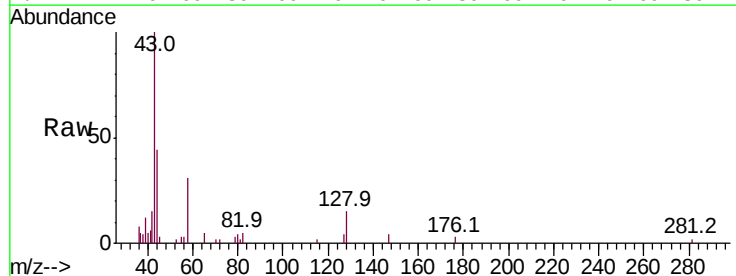
MMDadoda
 6/21/2021 12:53:53 PM

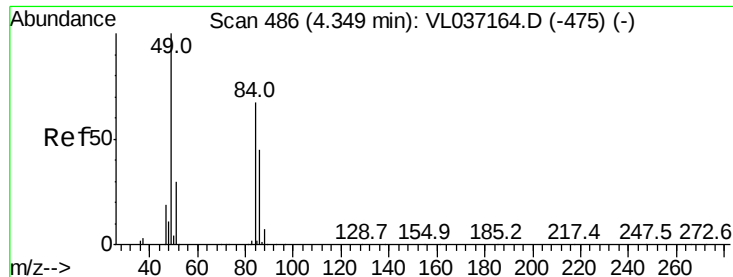


#15

Acetone
 Concen: 0.135 ppbv m
 RT: 3.89 min Scan# 342
 Delta R.T. 0.03 min
 Lab File: VL037198.D
 Acq: 17 Jun 2021 12:48

Tgt Ion: 43 Resp: 21456
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.7 35.5#





#20

Methvlene Chloride

Concen: 0.192 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL037198.D

Acq: 17 Jun 2021 12:48

Instrument :

MSVOA_L

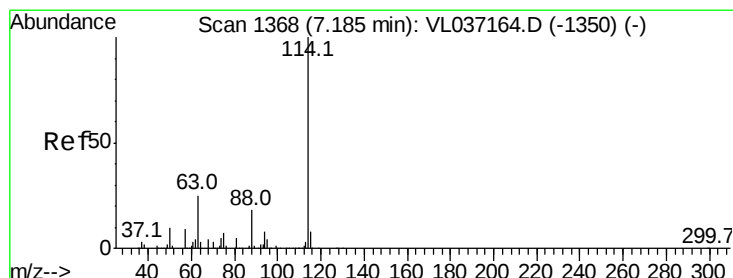
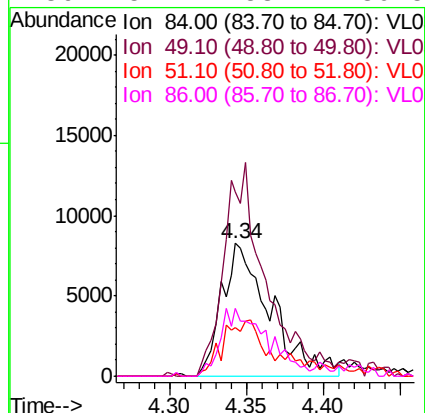
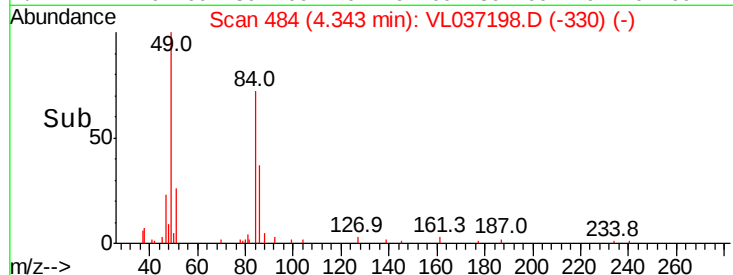
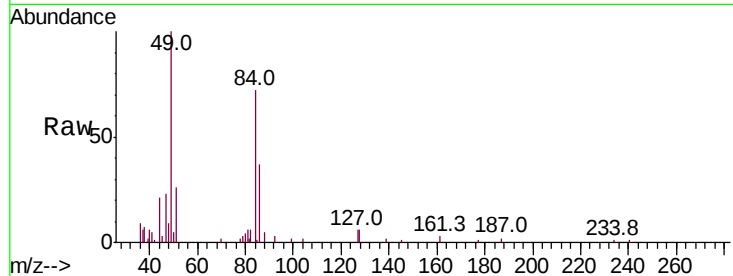
ClientSampleId :

QC061621 CAN 10285

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	139.2	119.7	179.5	
51	36.5	36.1	54.1	
86	51.4	53.7	80.5#	

Manual Integrations
APPROVED

MMDadoda
6/21/2021 12:53:53 PM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

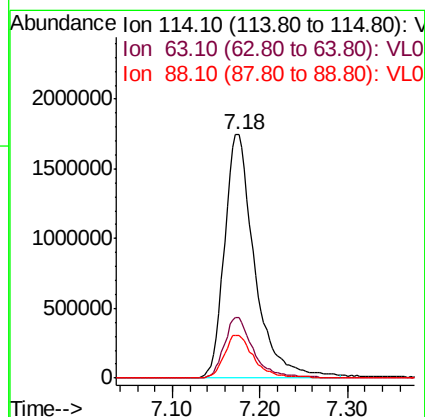
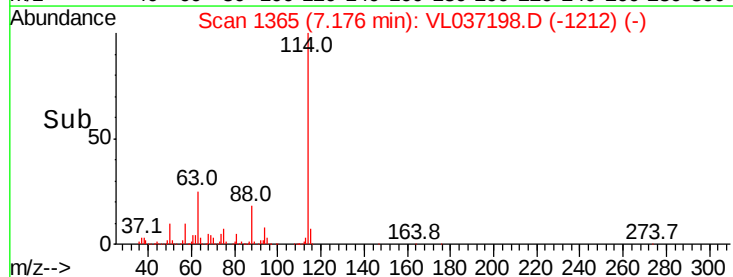
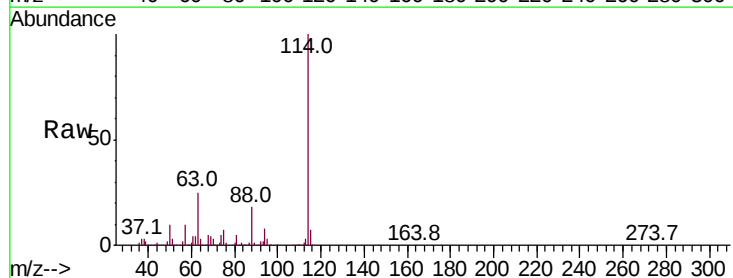
RT: 7.18 min Scan# 1365

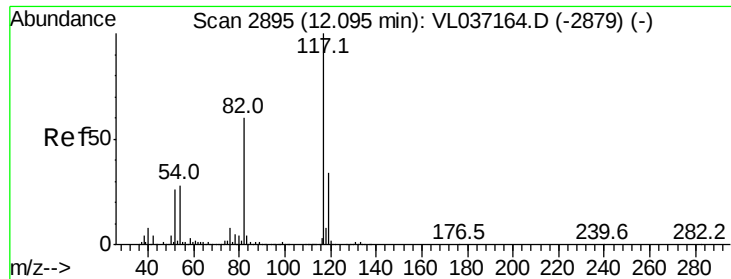
Delta R.T. -0.01 min

Lab File: VL037198.D

Acq: 17 Jun 2021 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	24.6	19.6	29.4	
88	17.9	14.2	21.2	





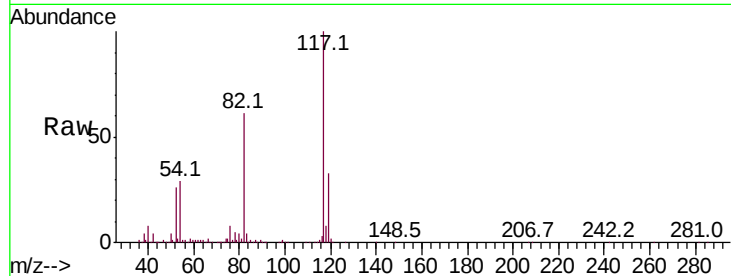
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037198.D
Acq: 17 Jun 2021 12:48

Instrument :
MSVOA_L
ClientSampleId :
QC061621 CAN 10285

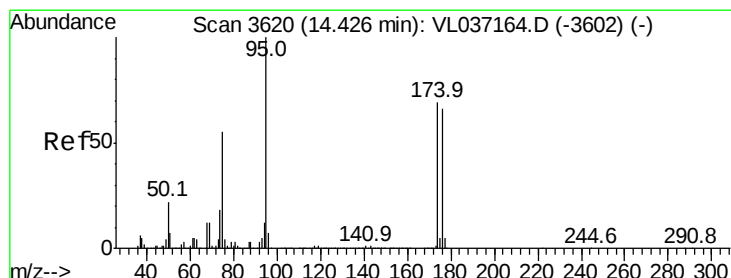
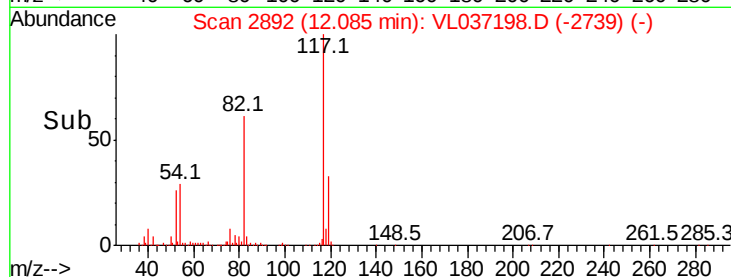
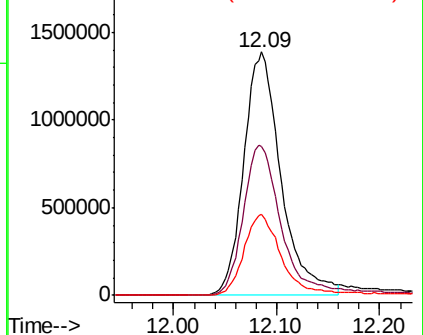
Tot Ion:117 Resp: 3495642
Ion Ratio Lower Upper
117 100
82 66.1 51.7 77.5
119 34.6 47.6 71.4#

Manual Integrations
APPROVED

MMDadoda
6/21/2021 12:53:53 PM

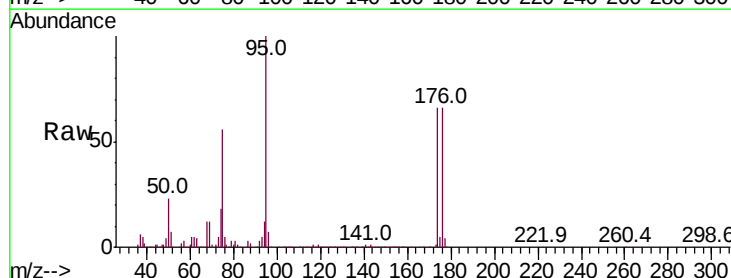


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.616 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL037198.D
Acq: 17 Jun 2021 12:48

Tgt Ion: 95 Resp: 2547129
Ion Ratio Lower Upper
95 100
174 76.9 57.0 85.4
175 5.2 4.4 6.6



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

