

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120721\
 Data File : VL038159.D
 Acq On : 7 Dec 2021 20:40
 Operator : SY/AP
 Sample : M4897-01DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/08/2021
 Supervised By :Semsettin Yesilyurt 12/08/2021

Quant Time: Dec 08 02:37:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	788033	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2274012	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	1982587	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1573881	11.01	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.10%

Target Compounds					Ovalue
13) Ethanol	3.63	45	15493m	2.630	ppbv
15) Acetone	3.87	43	48649m	0.712	ppbv
20) Methylene Chloride	4.34	84	19400m	0.507	ppbv

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

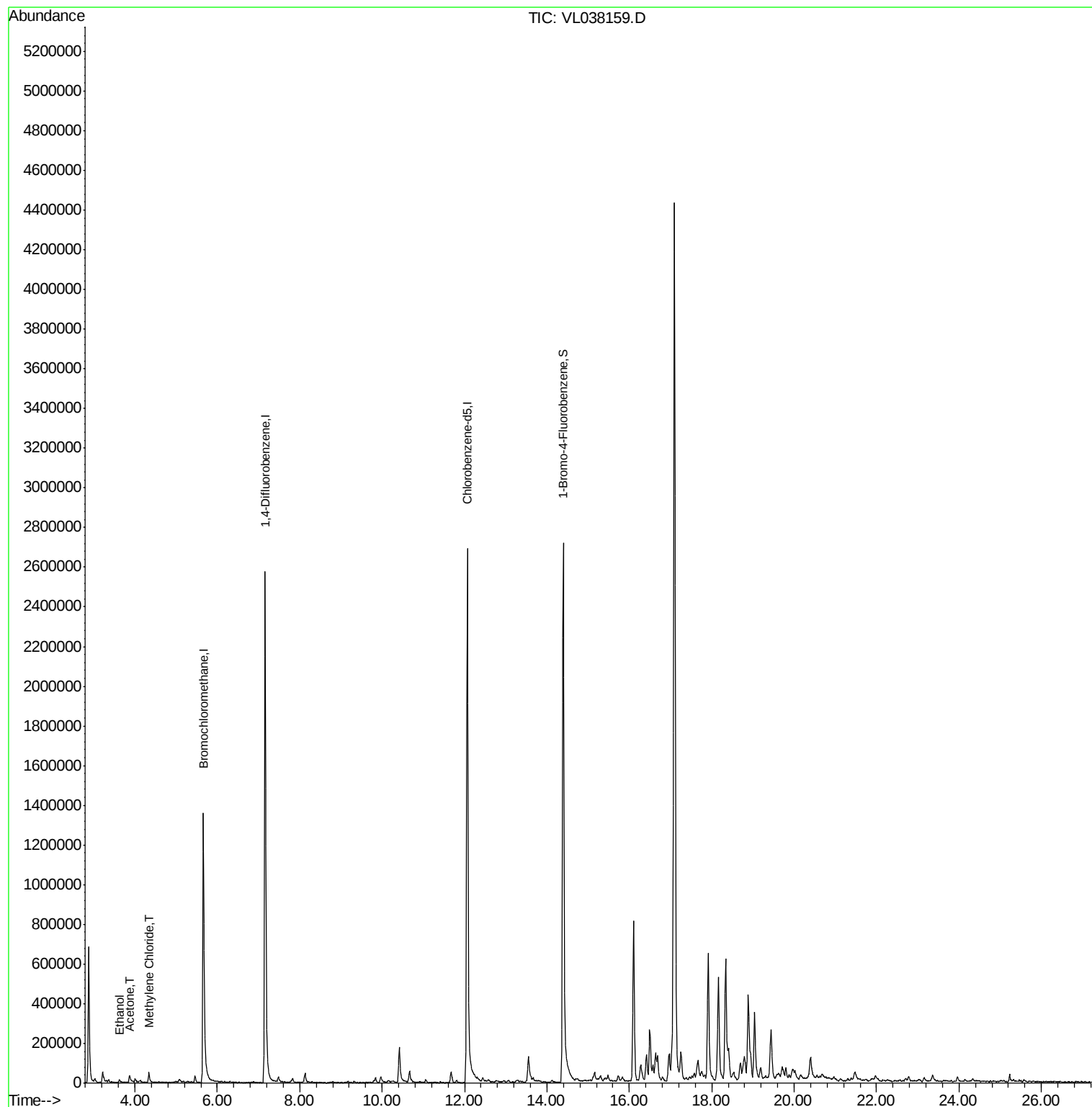
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120721\
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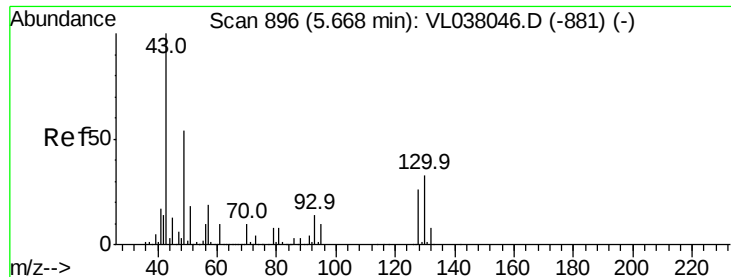
Instrument :
MSVOA_L
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Dec 2021 20:40

Tot Ion:

Ion Ratio

49 100

128 50.

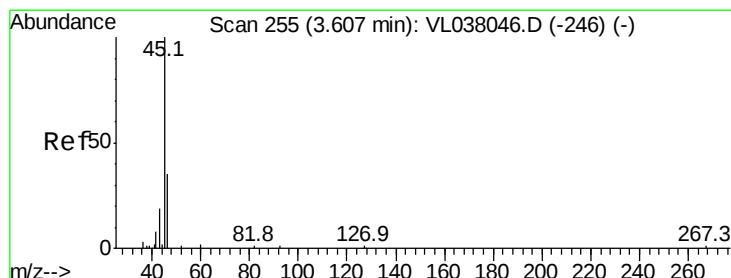
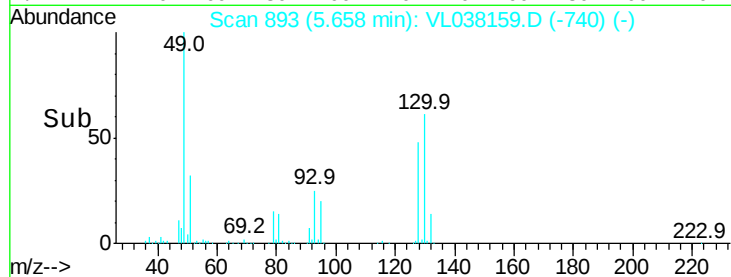
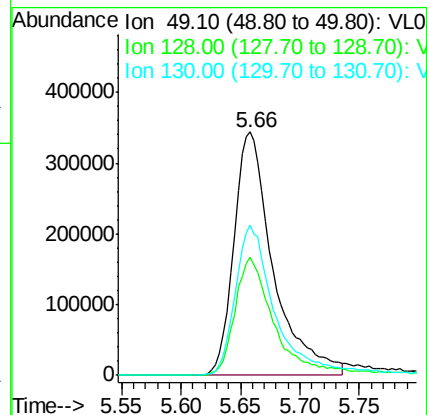
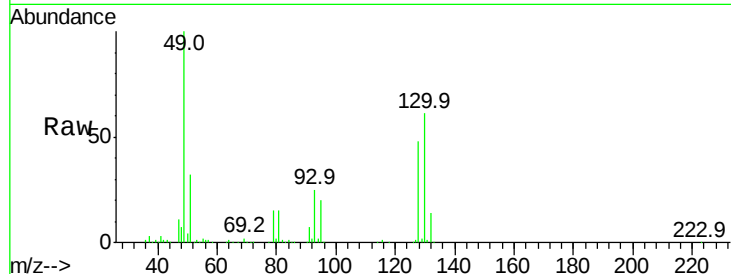
130 65.

Manual Integrations

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#13

Ethanol

Concen: 2.630 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL038159.D

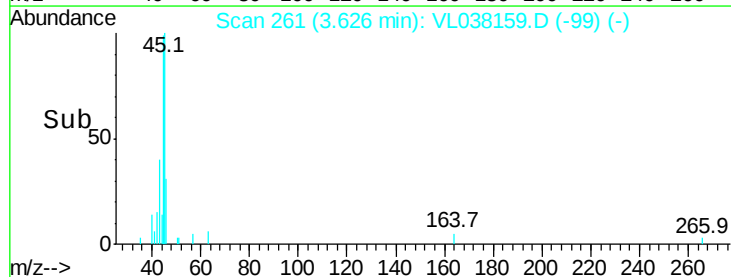
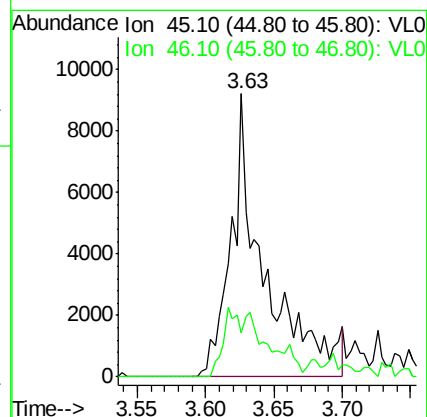
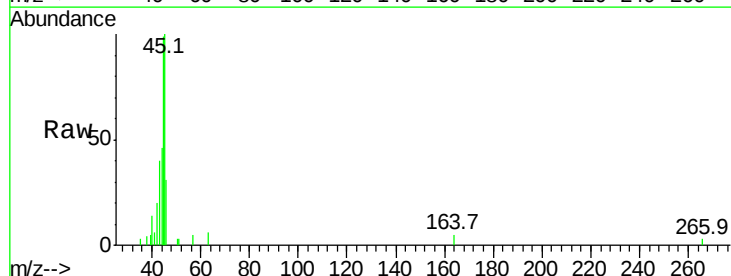
Acq: 7 Dec 2021 20:40

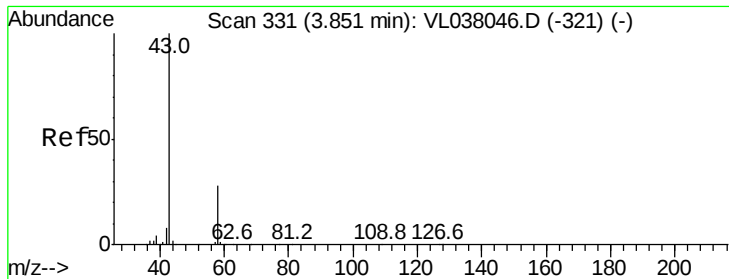
Tgt Ion: 45 Resp: 15493

Ion Ratio Lower Upper

45 100

46 33.8 17.6 70.2





#15

Acetone

Concen: 0.712 ppbv m

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Dec 2021 20:40

Tot Ion:

Ion Ratio

43 100

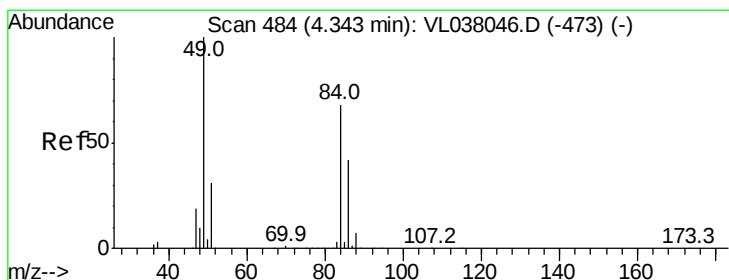
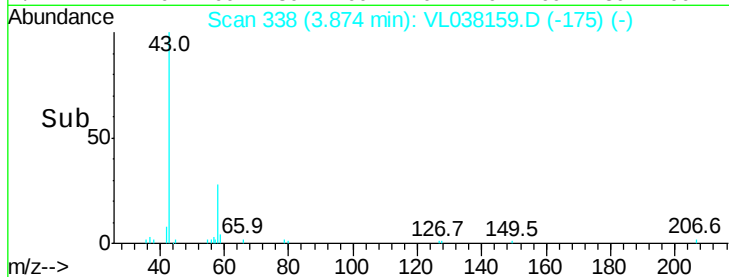
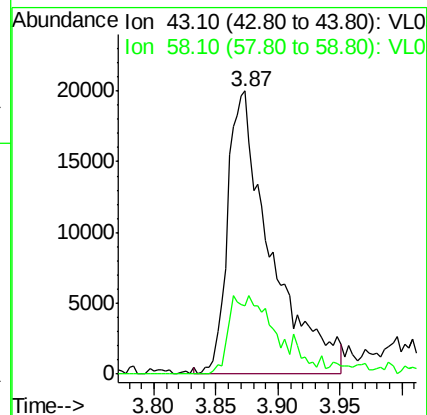
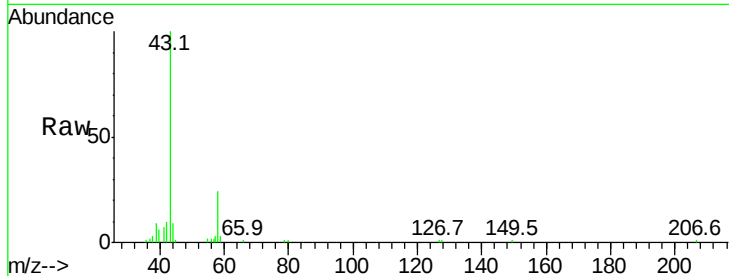
58 33.

Manual Integrations

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#20

Methylene Chloride

Concen: 0.507 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL038159.D

Acq: 7 Dec 2021 20:40

Tgt Ion: 84 Resp: 19400

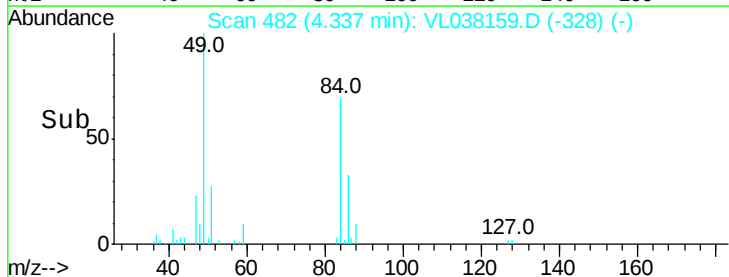
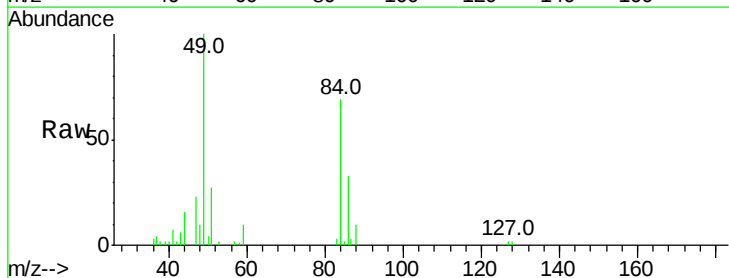
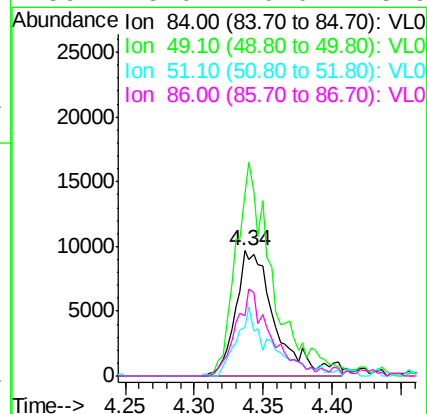
Ion Ratio Lower Upper

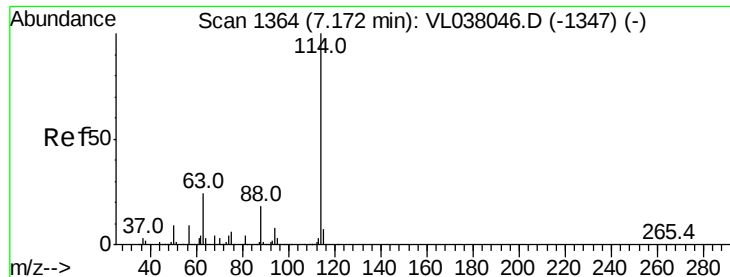
84 100

49 145.2 118.2 177.2

51 39.0 36.8 55.2

86 48.0 49.0 73.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 7 Dec 2021 20:40 SV-1DL2

Tot Ion:1

Ion Rati

114 100

63 25.

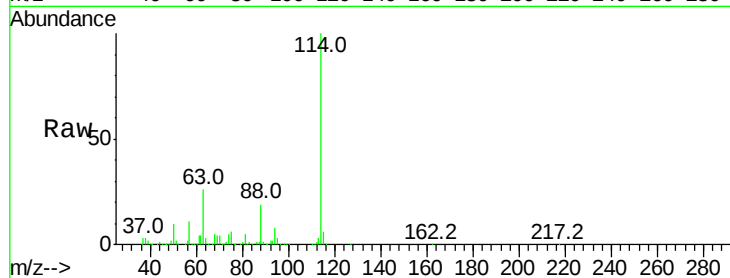
88 18.

Manual Integrations

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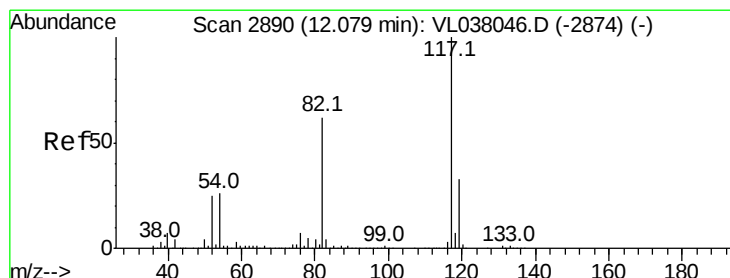
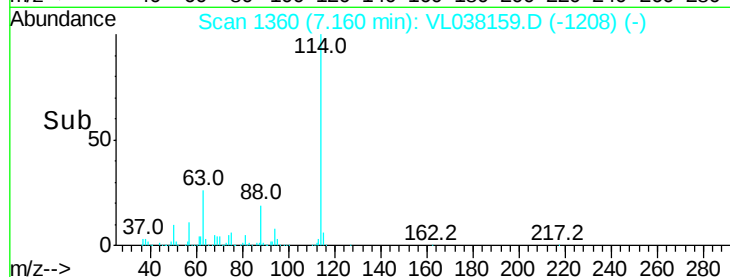
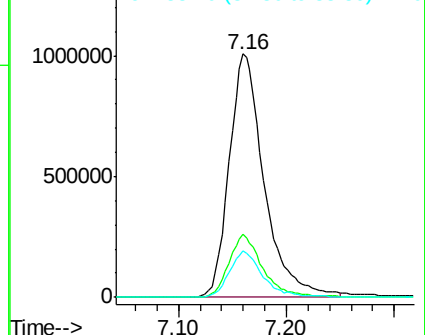
Supervised By :Semsettin Yesilyurt 12/08/2021



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. -0.01 min

Lab File: VL038159.D

Acq: 7 Dec 2021 20:40

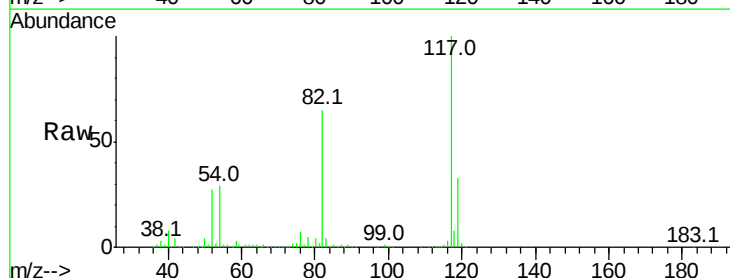
Tgt Ion:117 Resp: 1982587

Ion Ratio Lower Upper

117 100

82 70.1 52.8 79.2

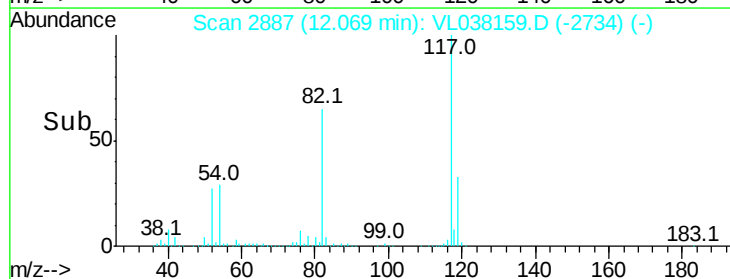
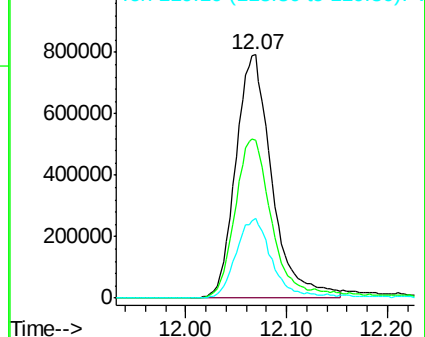
119 33.3 26.8 40.2

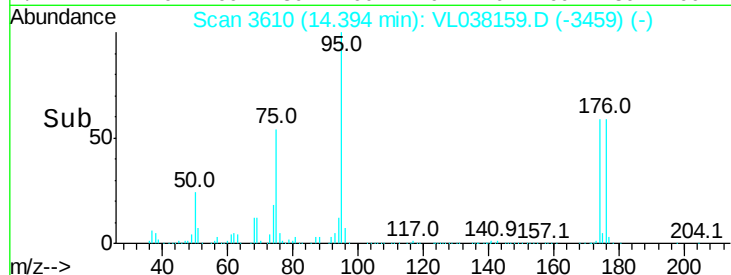
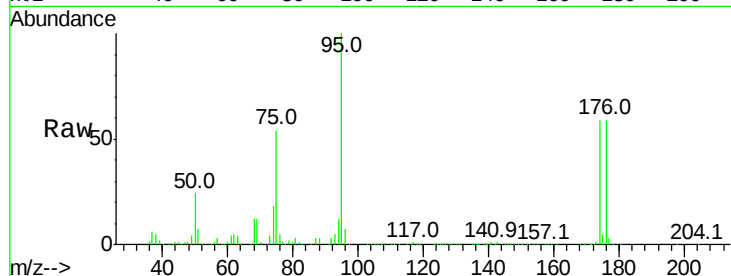
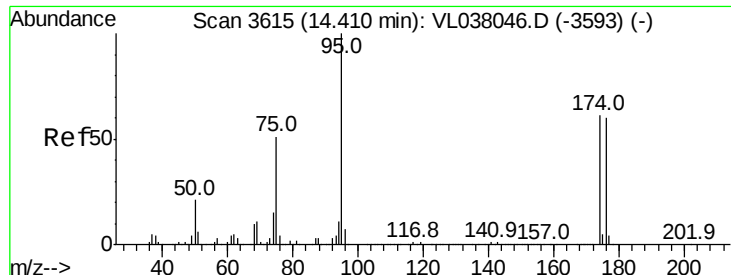


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.006 ppbv
 RT: 14.39
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SV-1DL2
 Acq: 7 Dec 2021 20:40

Tot Ion:
 Ion Ratio
 95 100
 174 63.
 175 4.

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