

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
 Data File : VL038402.D
 Acq On : 23 Feb 2022 00:05
 Operator : SY/AP
 Sample : N1607-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 08:11:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	892339	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2126526	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1972232	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1578375	9.67	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Heptane	8.12	43	28428	0.22	ppbv	91
13) Ethanol	3.63	45	14199m	2.73	ppbv	
15) Acetone	3.87	43	46188m	0.61	ppbv	
20) Methylene Chloride	4.35	84	7713m	0.21	ppbv	
26) Hexane	5.69	57	13043m	0.14	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	32412m	0.10	ppbv	
53) Toluene	9.81	91	162673	0.80	ppbv	99
59) m/p-Xylene	12.96	91	90123m	0.39	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	75334	0.33	ppbv #	67

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
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Quant Time: Feb 23 08:11:13 2022

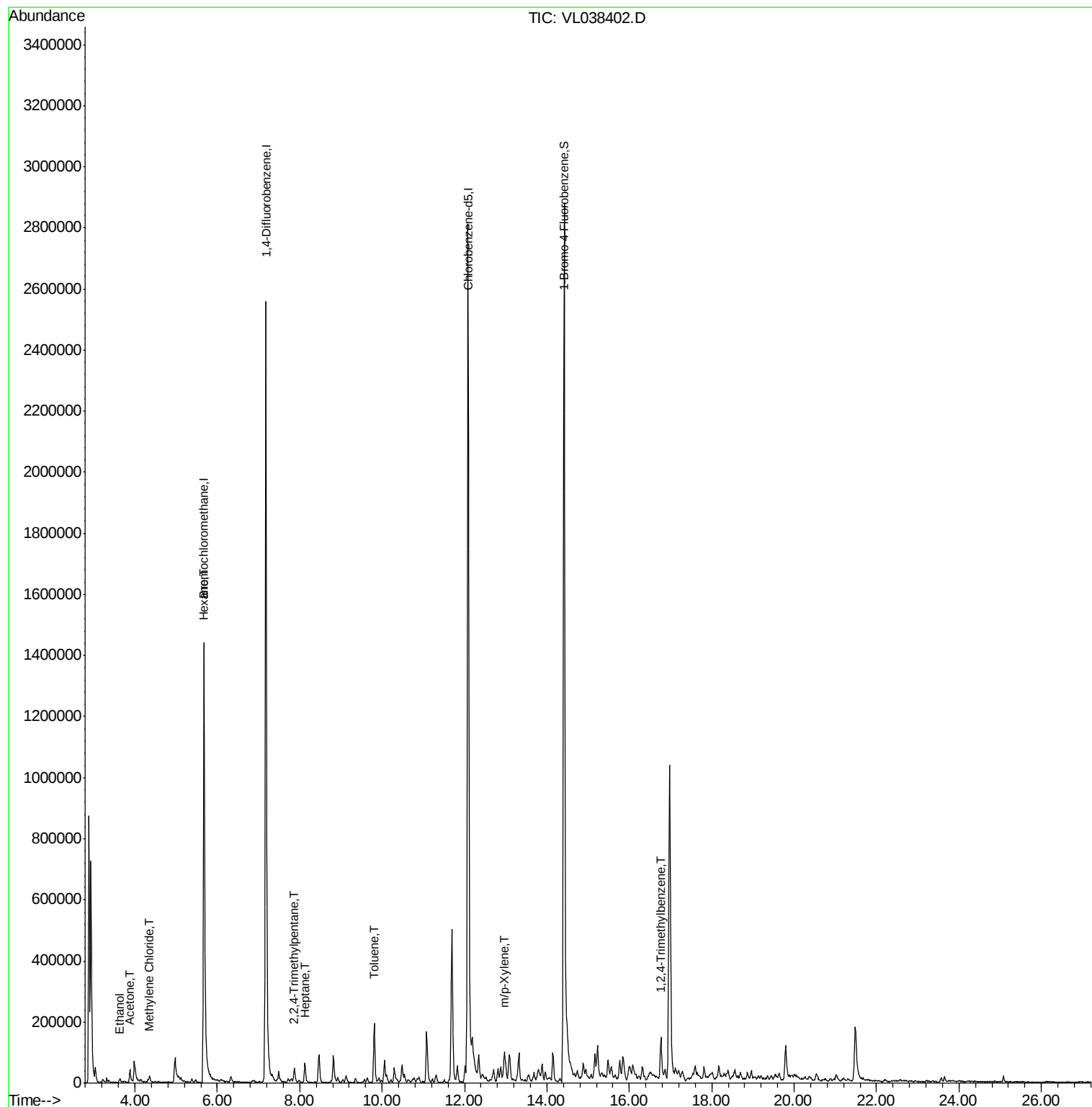
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222

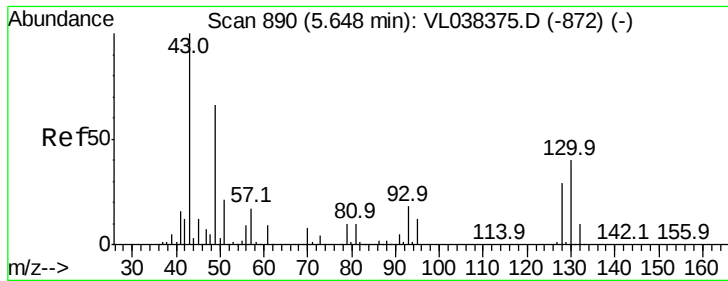
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 00:05

Tgt Ion:

Ion Ratio

49 100

128 45.

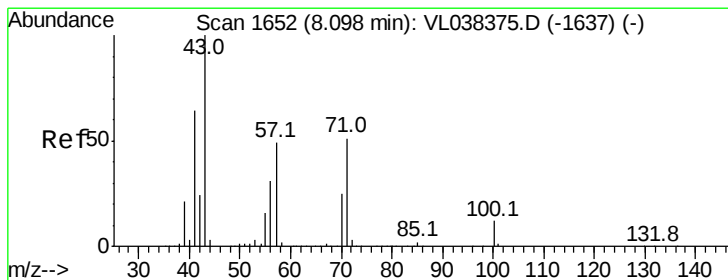
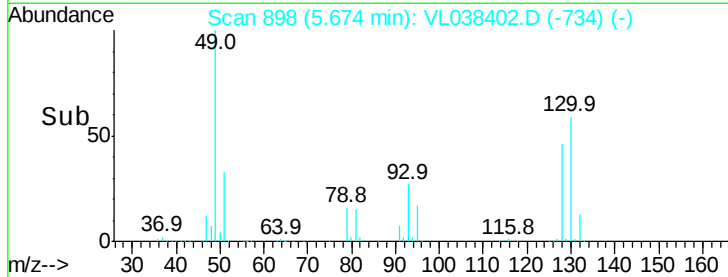
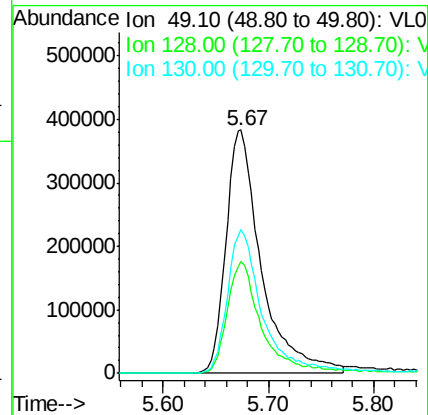
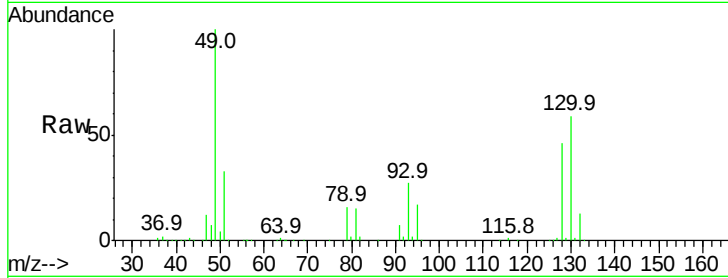
130 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#10

Heptane

Concen: 0.22 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. 0.02 min

Lab File: VL038402.D

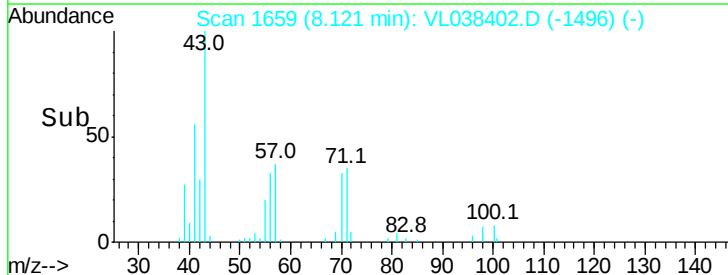
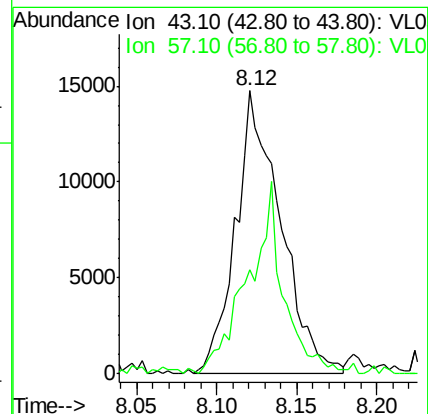
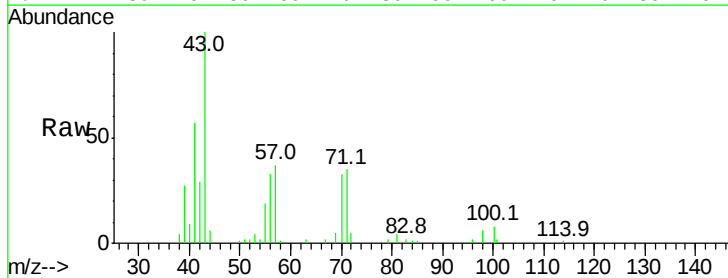
Acq: 23 Feb 2022 00:05

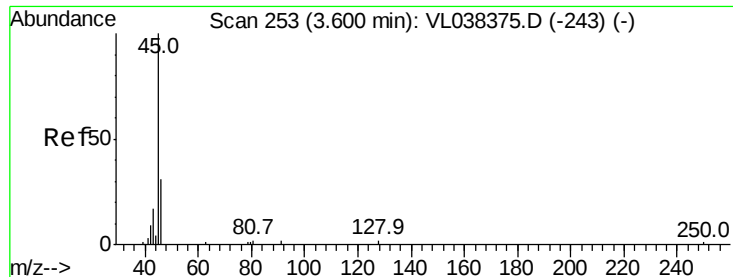
Tgt Ion: 43 Resp: 28428

Ion Ratio Lower Upper

43 100

57 55.8 39.8 59.8



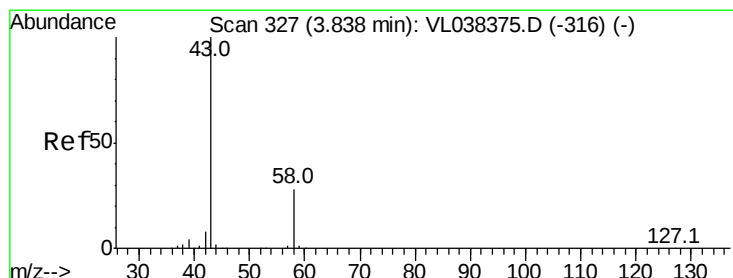
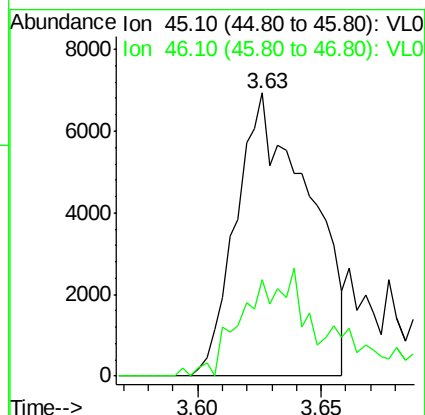
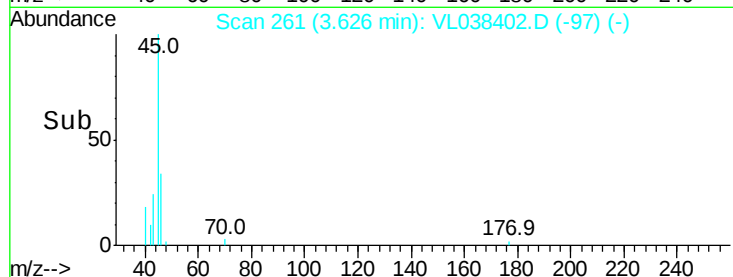
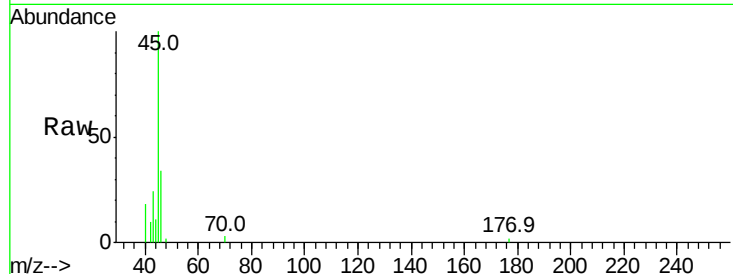


#13
Ethanol
Concen: 2.73 ppbv m
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 23 Feb 2022 00:05

Tgt Ion:
Ion Ratio
45 100
46 0.

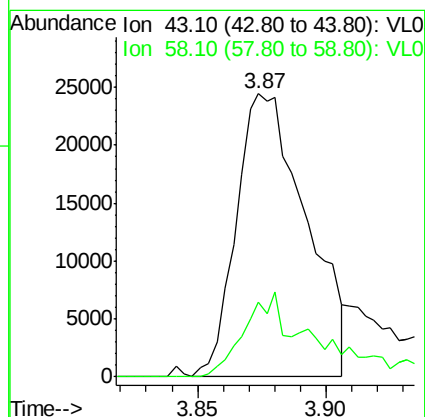
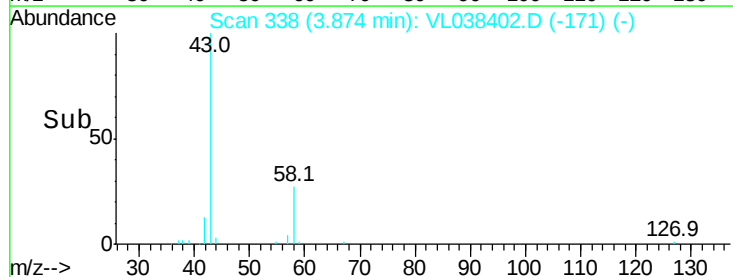
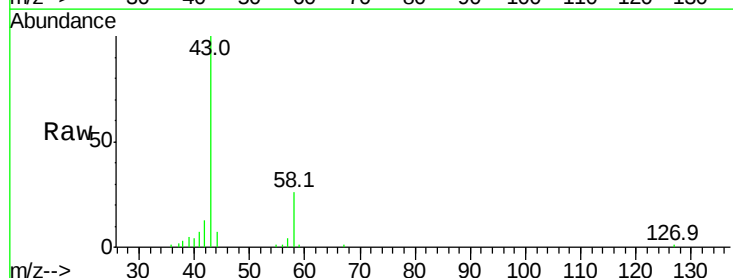
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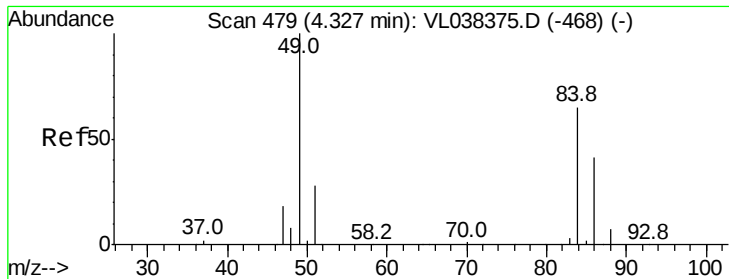
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#15
Acetone
Concen: 0.61 ppbv m
RT: 3.87 min Scan# 338
Delta R.T. 0.04 min
Lab File: VL038402.D
Acq: 23 Feb 2022 00:05

Tgt Ion: 43 Resp: 46188
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#



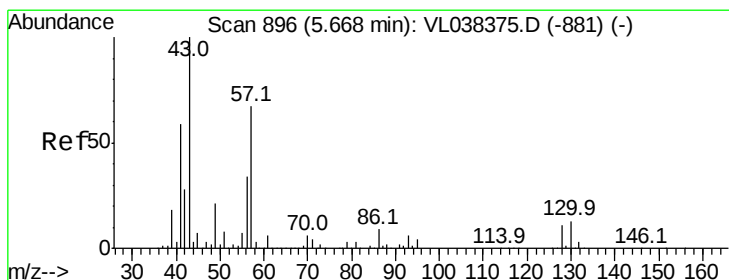
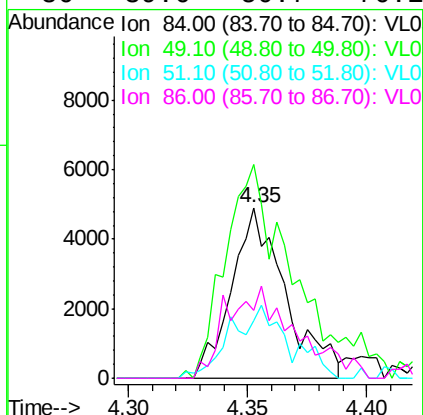
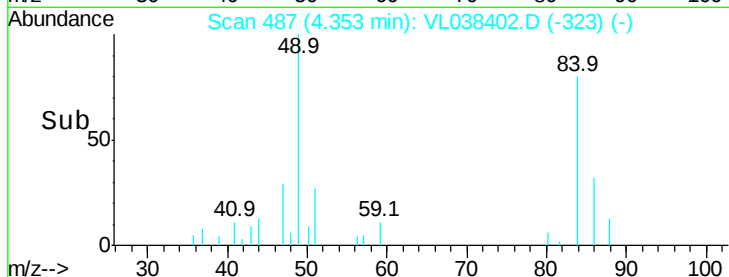
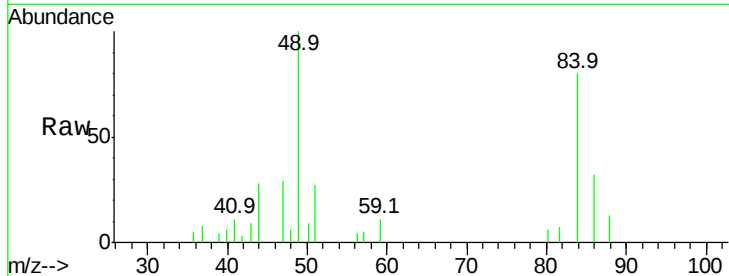


#20
Methylene Chloride
Concen: 0.21 ppbv m
RT: 4.35
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Feb 2022 00:05

Tgt Ion:
Ion Ratio
84 100
49 125.
51 33.
86 39.6 50.7 76.1#

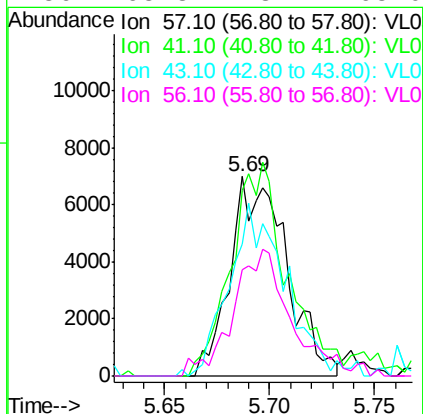
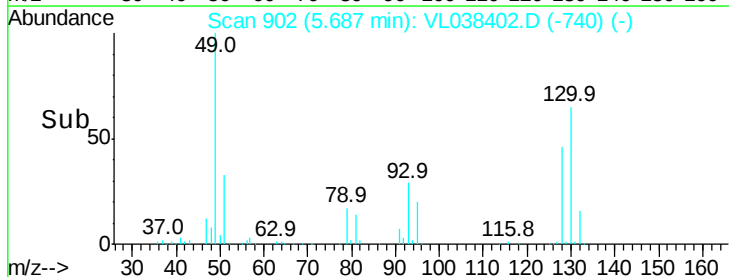
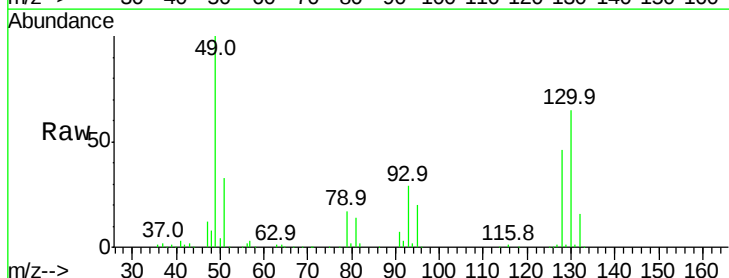
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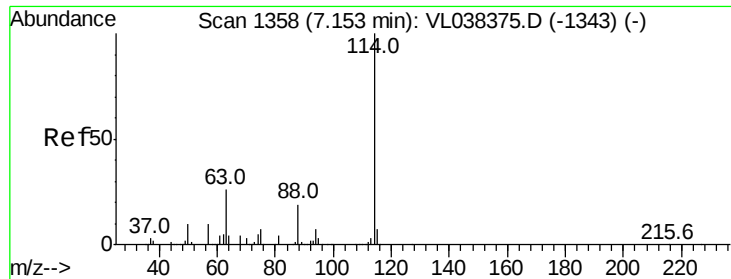
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#26
Hexane
Concen: 0.14 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL038402.D
Acq: 23 Feb 2022 00:05

Tgt Ion: 57 Resp: 13043
Ion Ratio Lower Upper
57 100
41 120.6 73.1 109.7#
43 0.0 181.0 271.4#
56 65.8 43.4 65.0#



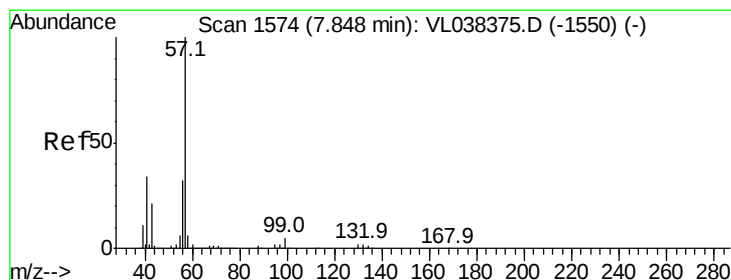
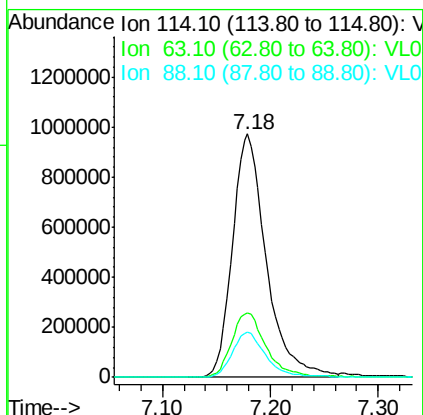
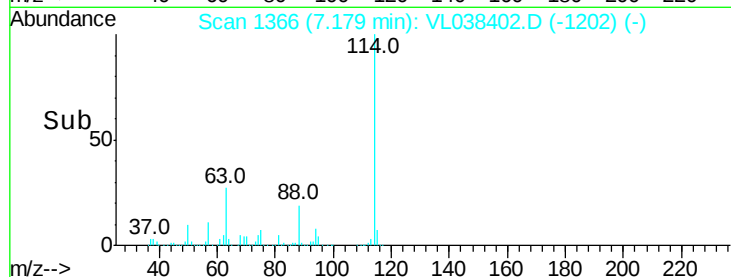
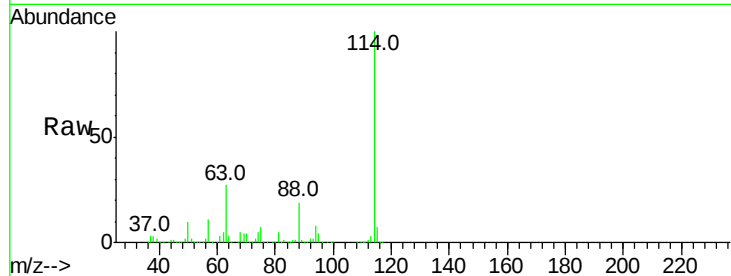


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 MP-3DL
 Acq: 23 Feb 2022 00:05

Tgt Ion: 1
 Ion Ratio
 114 100
 63 27.
 88 19.

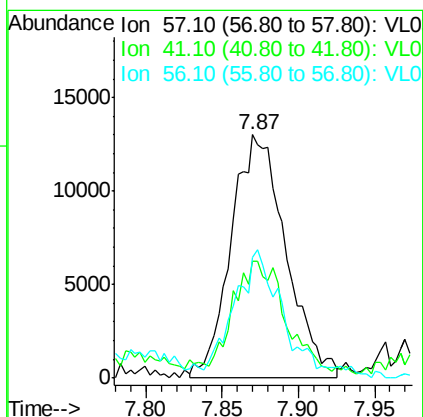
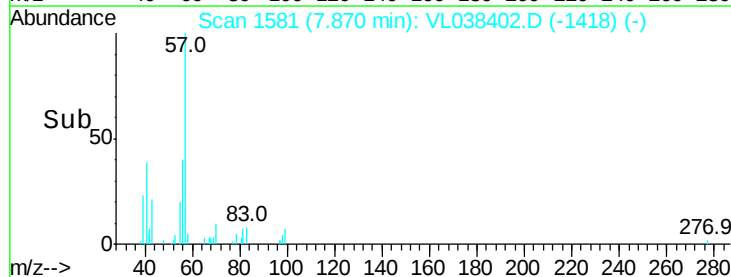
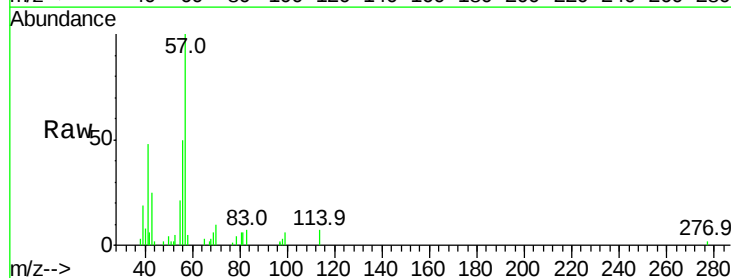
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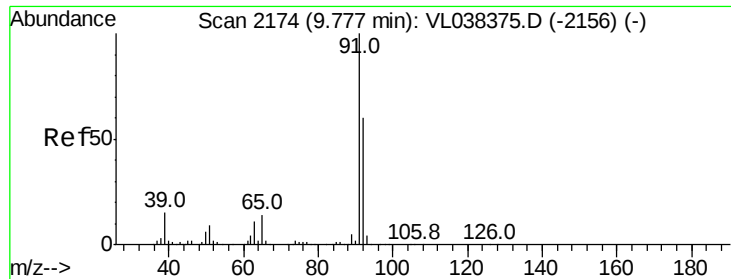
Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/25/2022



#44
 2,2,4-Trimethylpentane
 Concen: 0.10 ppbv m
 RT: 7.87 min Scan# 1581
 Delta R.T. 0.02 min
 Lab File: VL038402.D
 Acq: 23 Feb 2022 00:05

Tgt Ion: 57 Resp: 32412
 Ion Ratio Lower Upper
 57 100
 41 0.0 26.6 39.8#
 56 0.0 25.0 37.6#





#53

Toluene

Concen: 0.80 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 00:05

Tgt Ion:

Ion Ratio

91 100

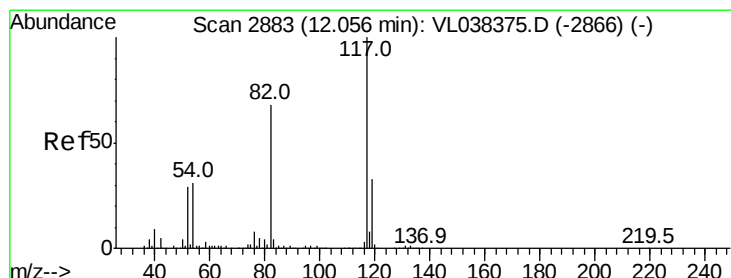
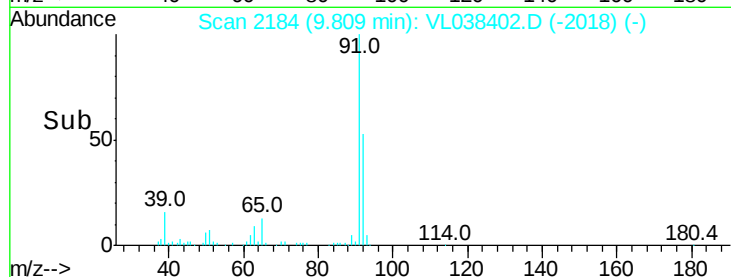
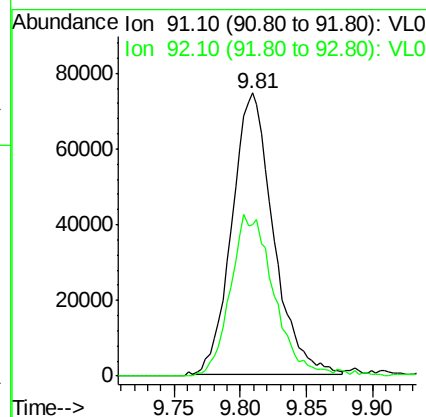
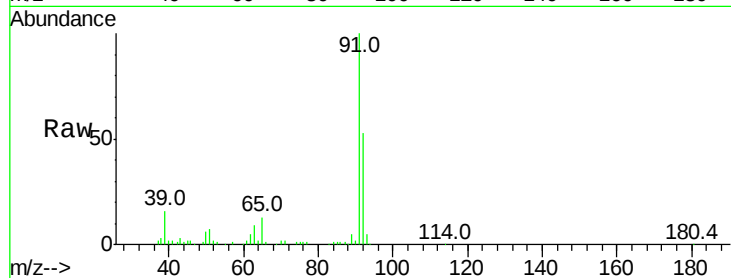
92 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. 0.03 min

Lab File: VL038402.D

Acq: 23 Feb 2022 00:05

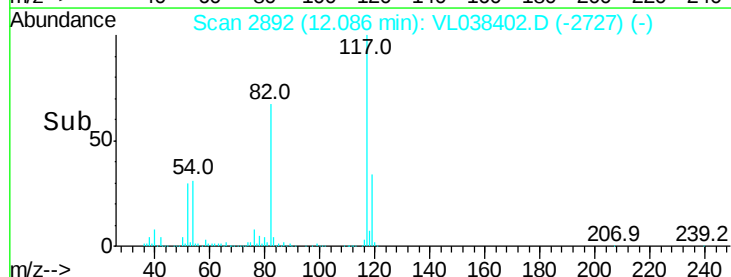
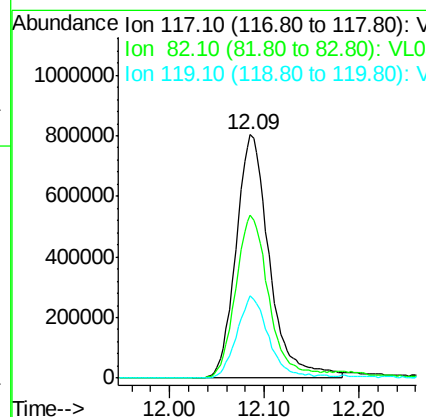
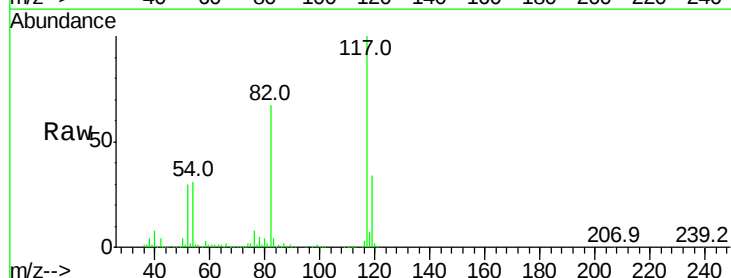
Tgt Ion:117 Resp: 1972232

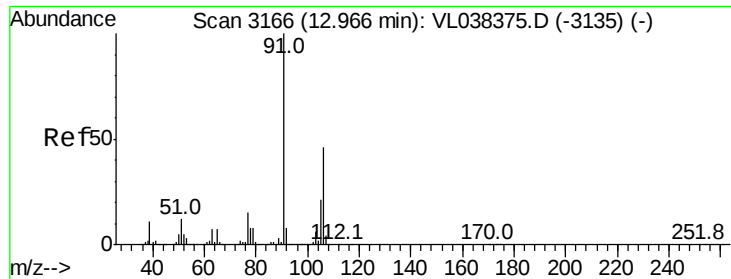
Ion Ratio Lower Upper

117 100

82 71.2 54.9 82.3

119 33.6 46.1 69.1#



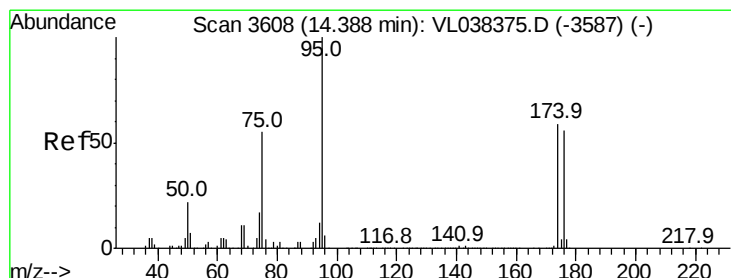
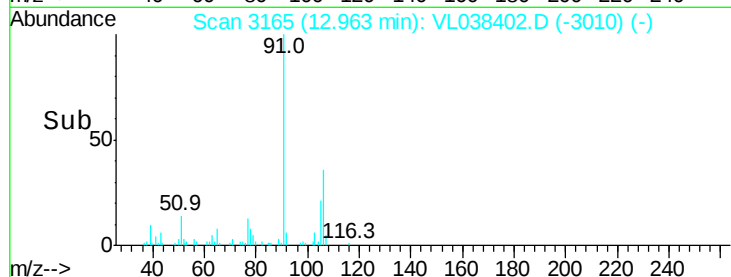
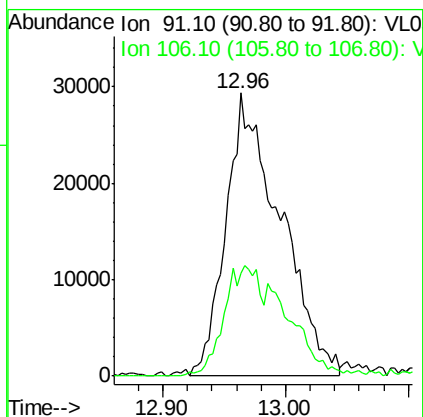
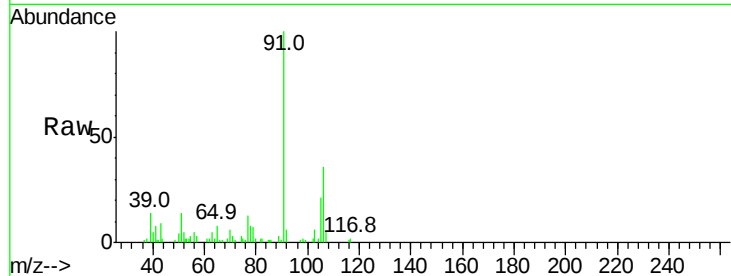


#59
m/p-Xylene
Concen: 0.39 ppbv m
RT: 12.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 00:05

Tgt Ion:
Ion Ratio
91 100
106 0.

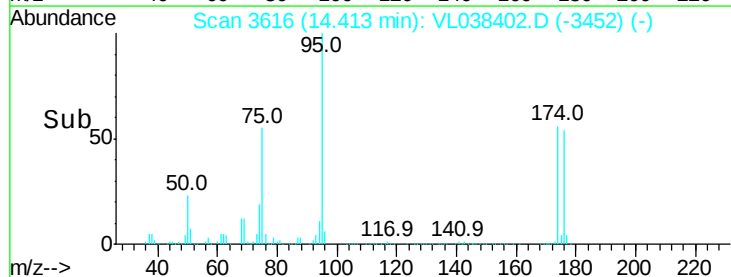
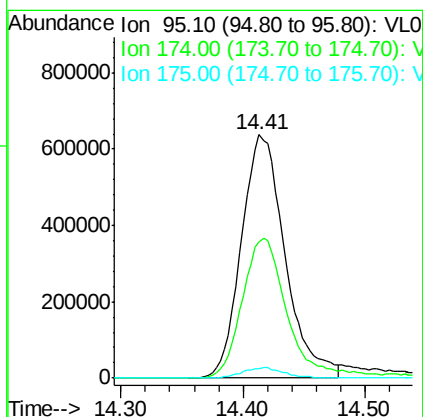
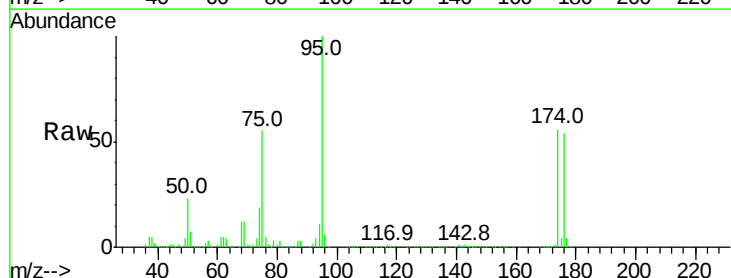
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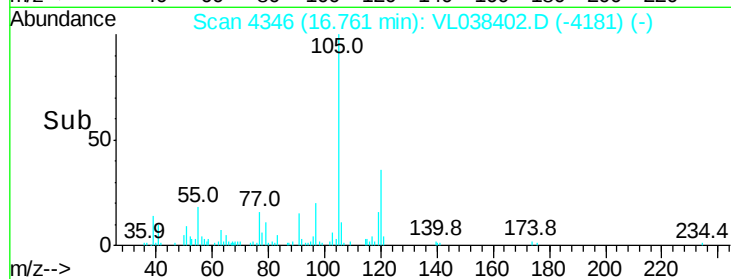
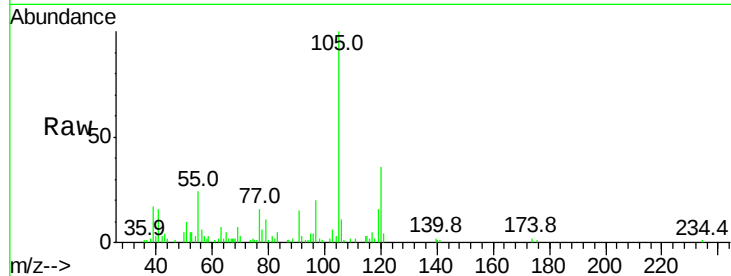
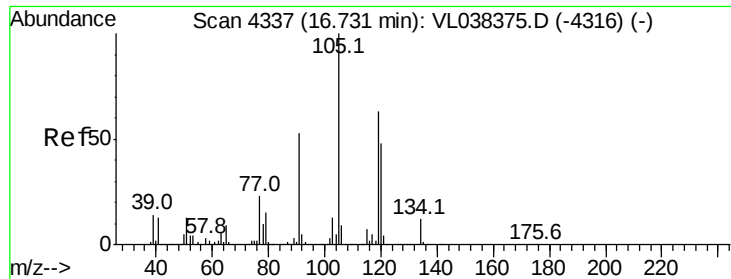
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.67 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.03 min
Lab File: VL038402.D
Acq: 23 Feb 2022 00:05

Tgt Ion: 95 Resp: 1578375
Ion Ratio Lower Upper
95 100
174 62.1 49.0 73.4
175 4.3 3.6 5.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.33 ppbv
 RT: 16.76
 Delta R.T.
 Lab File:
 Acq: 23 Feb 2022 00:05

Instrument : MSVOA_L
 ClientSampleId : MP-3DL

Tgt Ion:1
 Ion Rati
 105 100
 120 36.
 91 14.
 77 15.0 18.5 27.7#

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