

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038488.D
 Acq On : 2 Mar 2022 19:06
 Operator : SY/AP
 Sample : N1724-02DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 02 23:44:39 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	949797	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	2494248	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	2232116	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2104765	11.40	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.26	62	8077m	0.133	ppbv	
9) Propene	3.02	41	933468m	16.857	ppbv	
10) Heptane	8.12	43	156517	1.161	ppbv	96
13) Ethanol	3.62	45	15931m	2.883	ppbv	
15) Acetone	3.88	43	835805	10.348	ppbv #	64
20) Methylene Chloride	4.34	84	14109m	0.353	ppbv	
26) Hexane	5.69	57	208363	2.120	ppbv #	45
27) Carbon Disulfide	4.55	76	17104	0.156	ppbv #	78
30) Cyclohexane	7.13	84	161775	2.013	ppbv	87
34) 2-Butanone	5.26	43	32119	0.409	ppbv #	72
36) Benzene	6.89	78	64798	0.295	ppbv #	90
50) 4-Methyl-2-Pentanone	8.77	43	33882	0.244	ppbv #	86
52) Tetrachloroethene	11.23	164	2695m	0.037	ppbv	

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

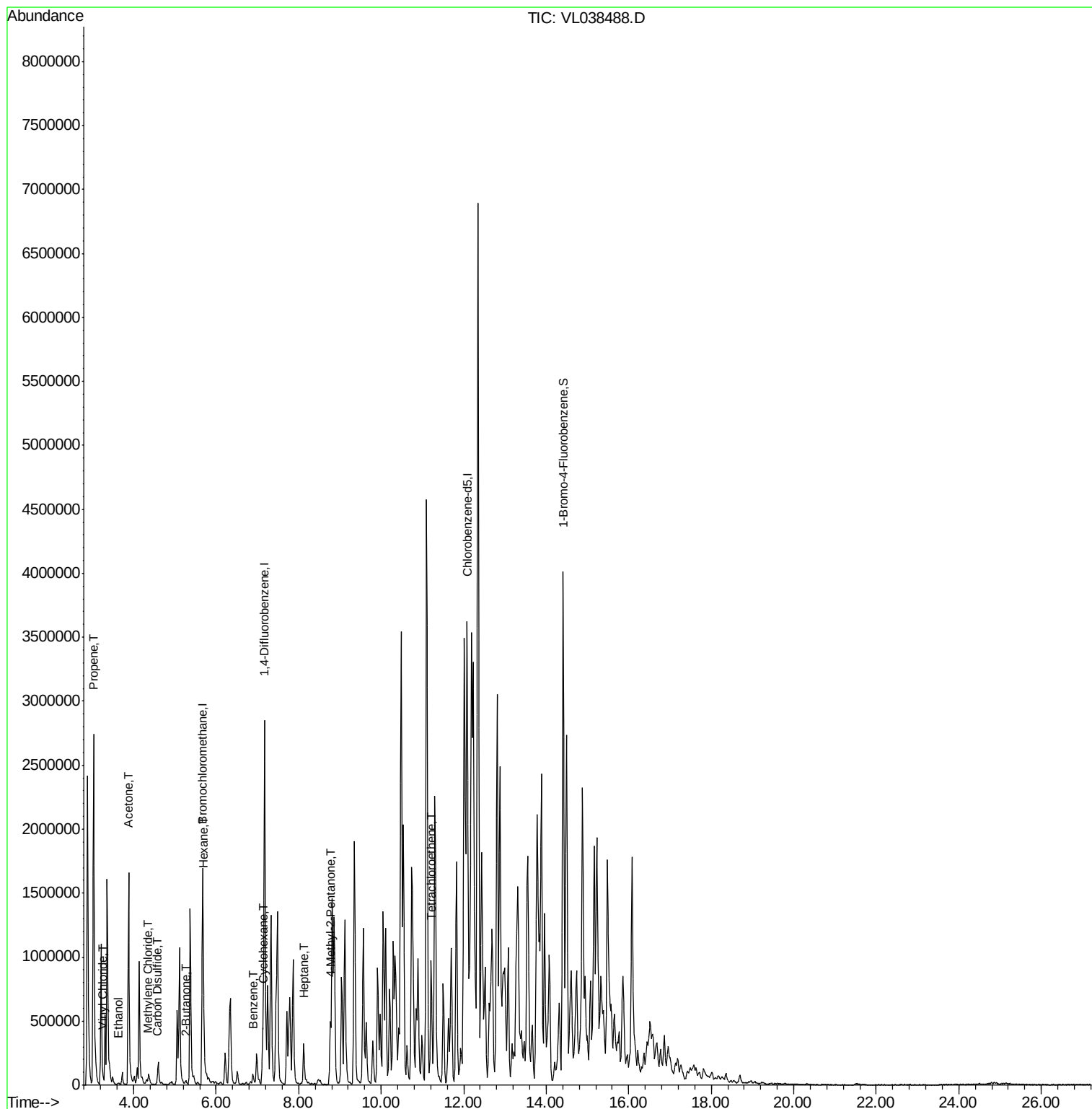
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030222\
Data File : VL038488.D
Acq On : 2 Mar 2022 19:06
Operator : SY/AP
Sample : N1724-02DL 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

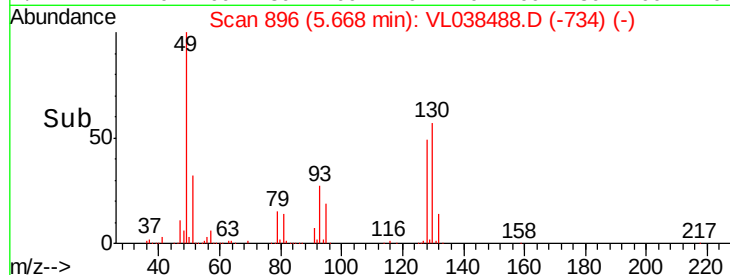
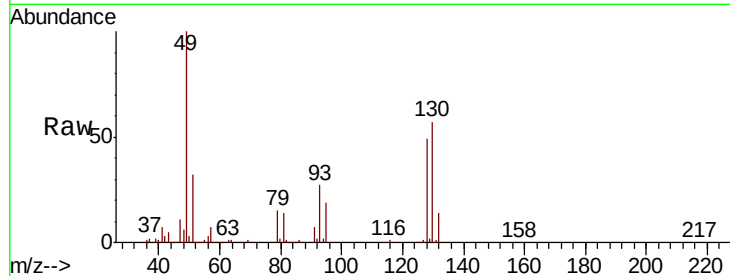
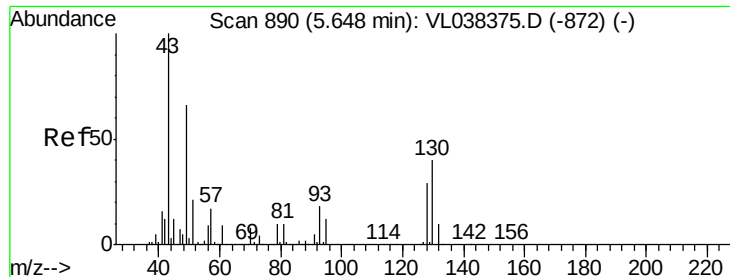
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Quant Time: Mar 02 23:44:39 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
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Supervised By :Mahesh Dadoda 03/07/2022



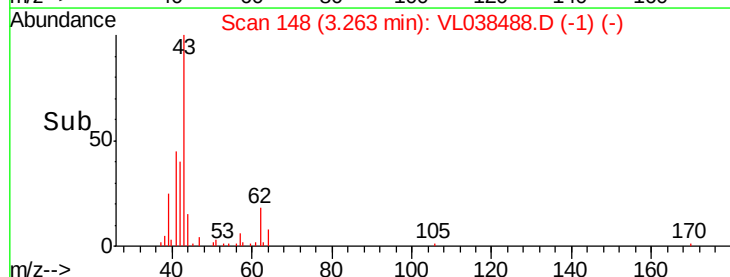
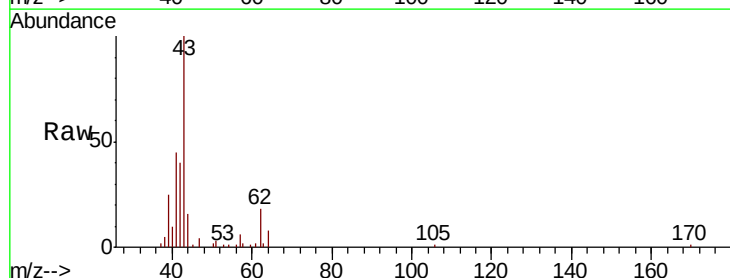
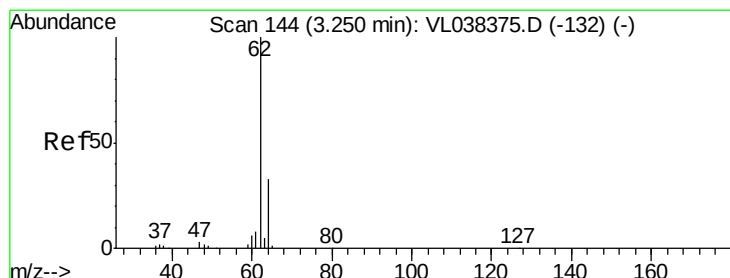
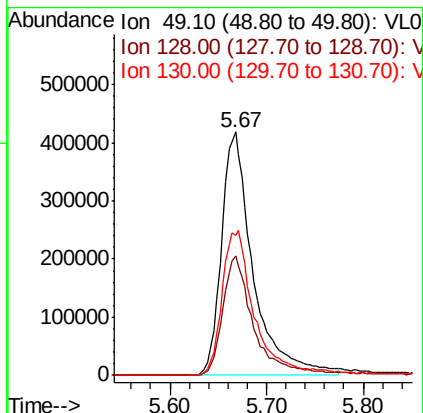


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV-1DL
Acq: 2 Mar 2022 19:00

Tot Ion:
Ion Ratio
49 100
128 49.
130 62.

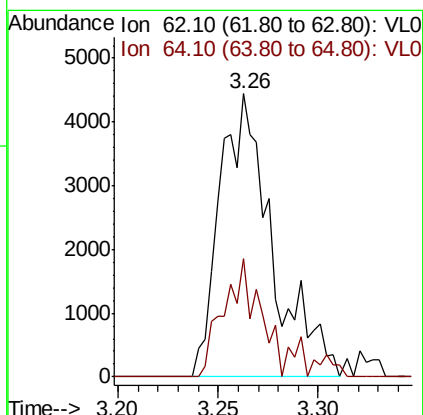
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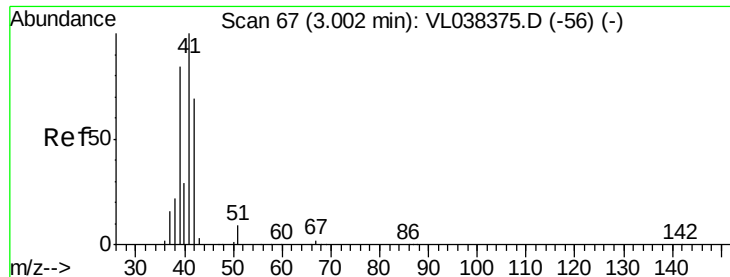
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#5
Vinyl Chloride
Concen: 0.133 ppbv m
RT: 3.26 min Scan# 148
Delta R.T. 0.01 min
Lab File: VL038488.D
Acq: 2 Mar 2022 19:06

Tgt Ion: 62 Resp: 8077
Ion Ratio Lower Upper
62 100
64 45.3 26.2 39.2#





#9

Propene

Concen: 16.857 ppbv m

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 19:00

Tot Ion:

Ion Ratio

41 100

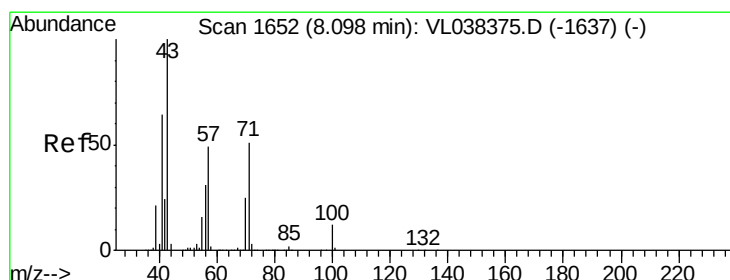
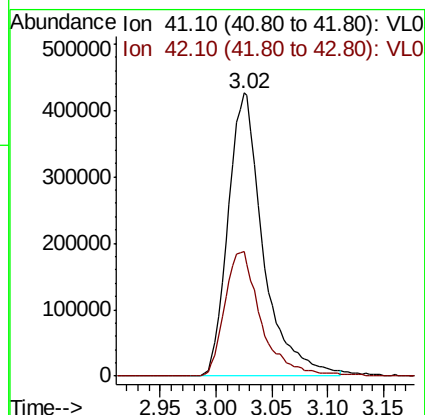
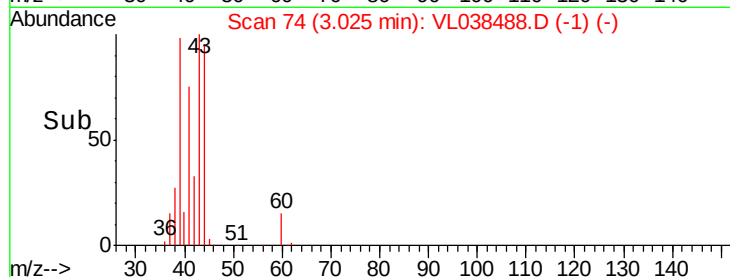
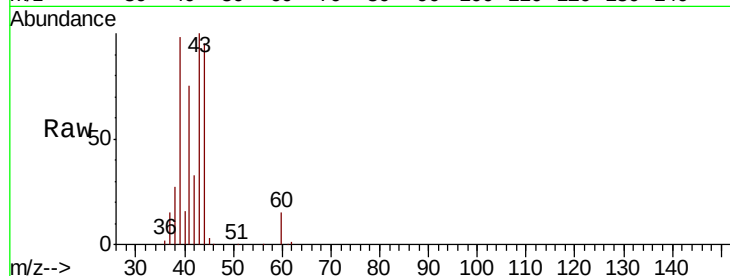
42 29.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#10

Heptane

Concen: 1.161 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.03 min

Lab File: VL038488.D

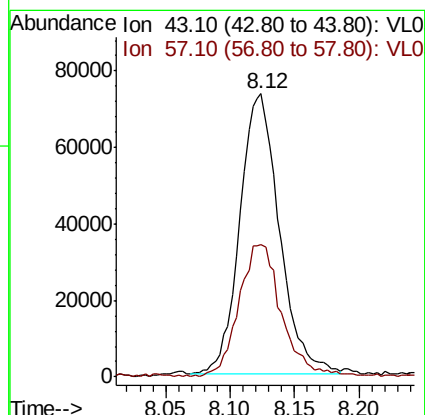
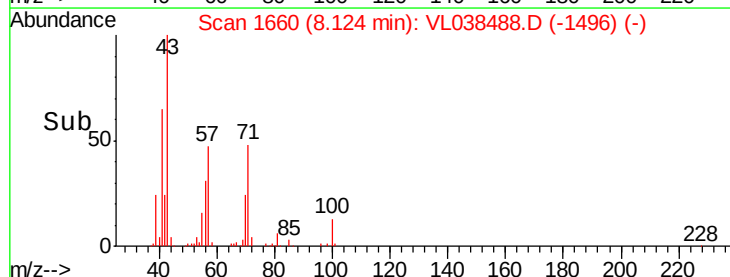
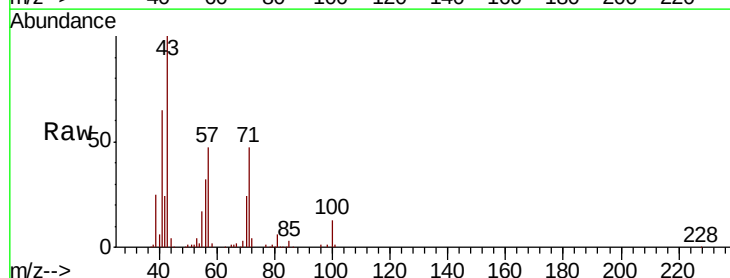
Acq: 2 Mar 2022 19:06

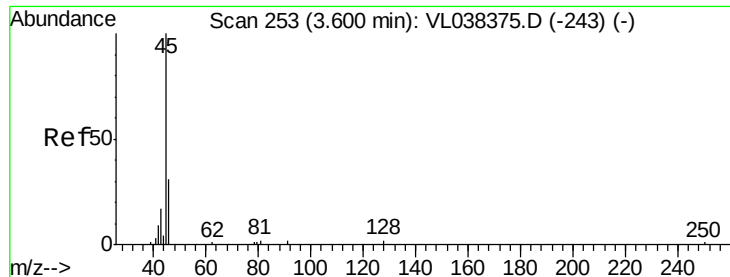
Tgt Ion: 43 Resp: 156517

Ion Ratio Lower Upper

43 100

57 52.3 39.8 59.8



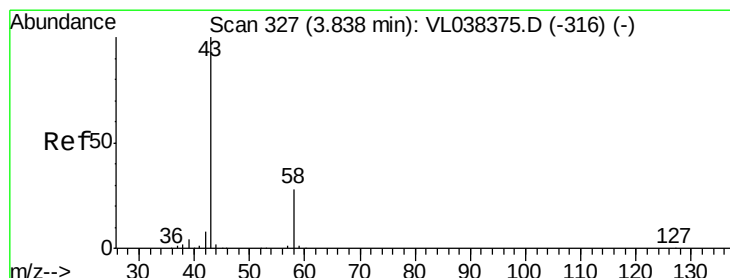
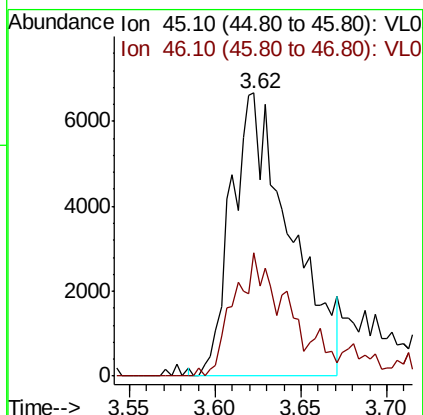
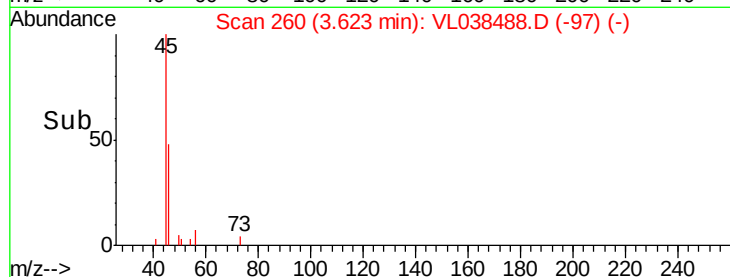
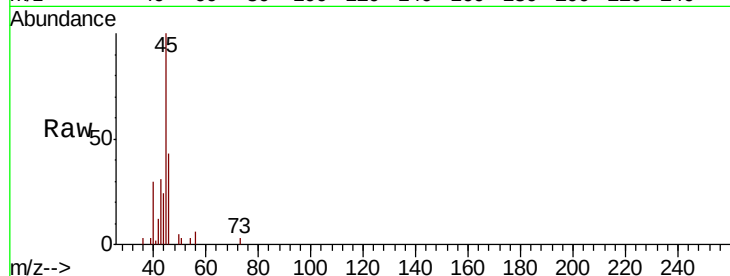


#13
Ethanol
Concen: 2.883 ppbv m
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 19:00

Tot Ion:
Ion Ratio
45 100
46 0.

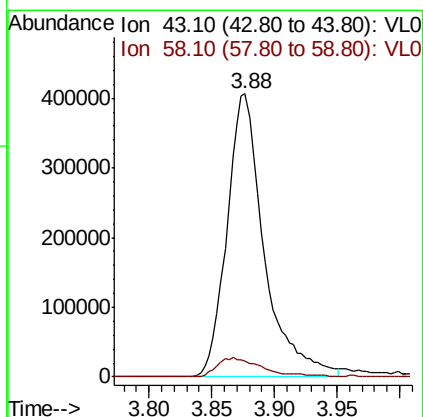
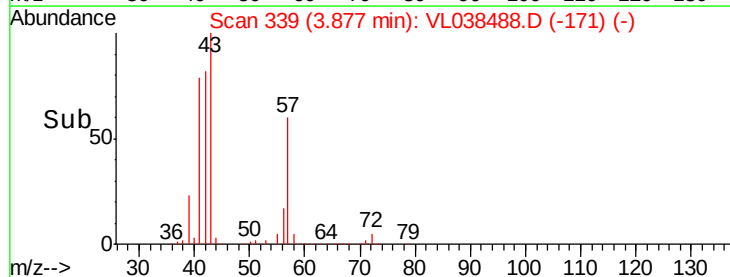
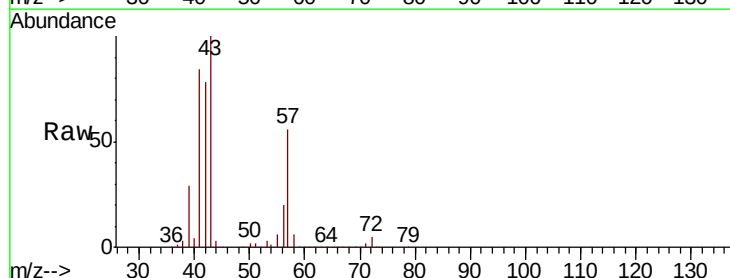
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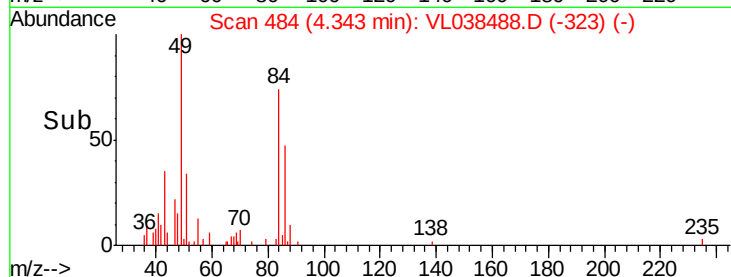
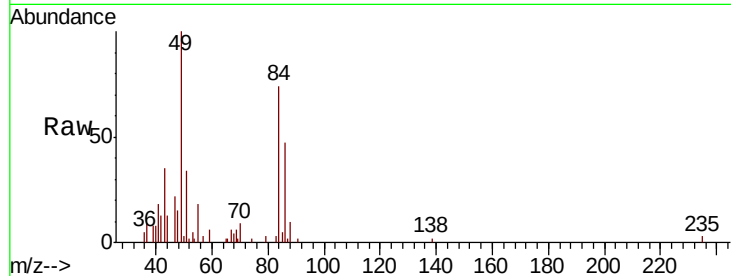
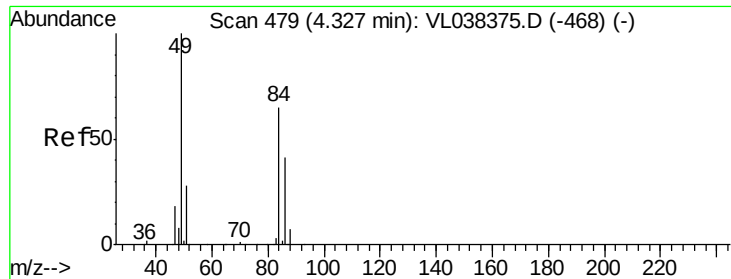
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#15
Acetone
Concen: 10.348 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.04 min
Lab File: VL038488.D
Acq: 2 Mar 2022 19:06

Tgt Ion: 43 Resp: 835805
Ion Ratio Lower Upper
43 100
58 8.5 21.7 32.5#



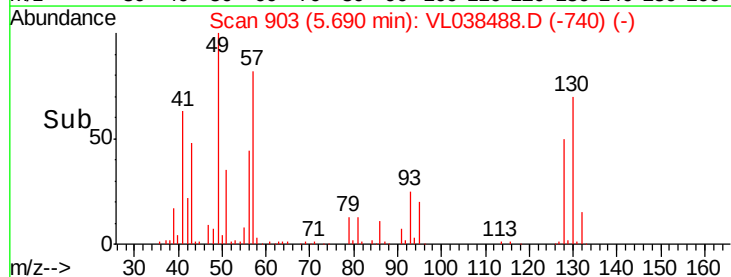
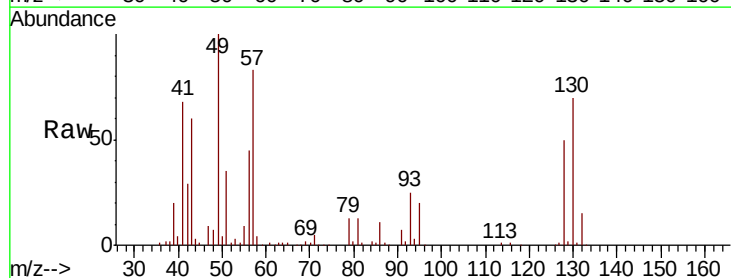
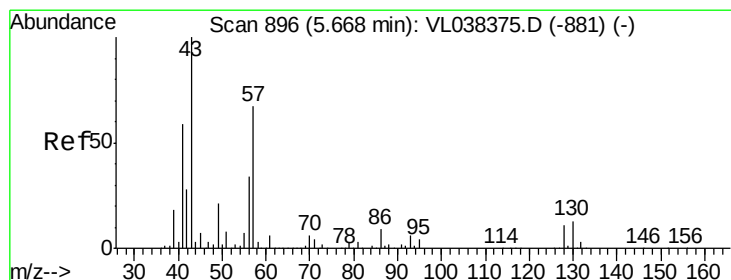
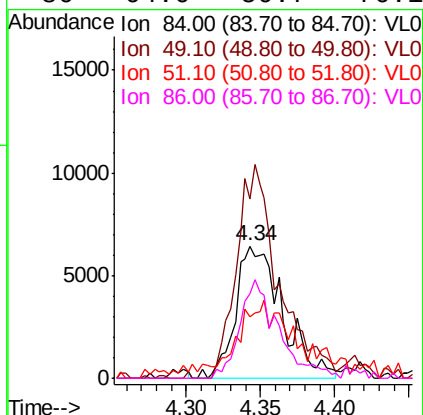


#20
Methvlene Chloride
Concen: 0.353 ppbv m
RT: 4.34
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 2 Mar 2022 19:00

Tot Ion:
Ion Ratio
84 100
49 135.
51 46.
86 64.0 50.7 76.1

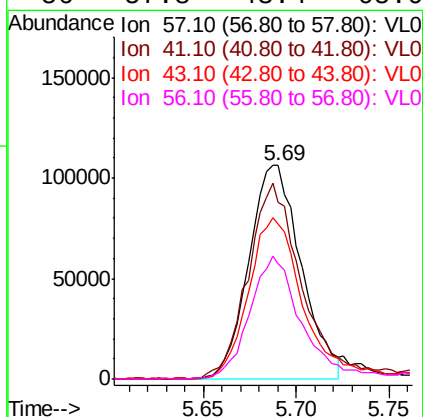
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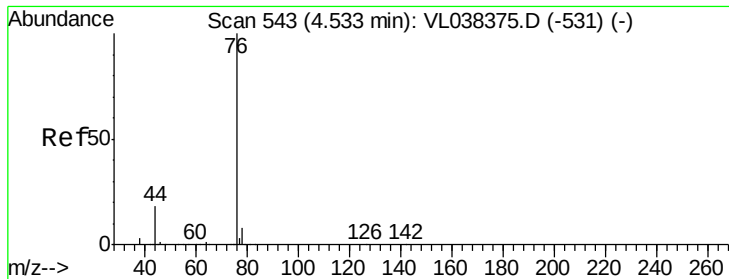
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
Hexane
Concen: 2.120 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL038488.D
Acq: 2 Mar 2022 19:06

Tgt Ion: 57 Resp: 208363
Ion Ratio Lower Upper
57 100
41 95.9 73.1 109.7
43 83.1 181.0 271.4#
56 57.8 43.4 65.0



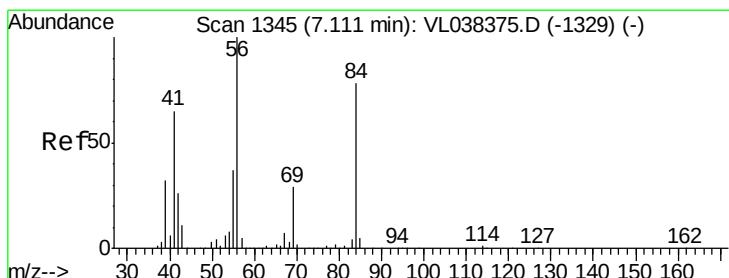
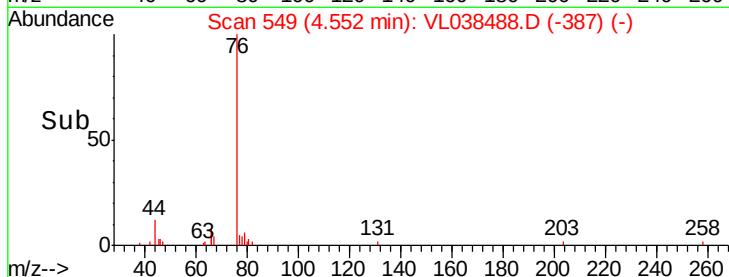
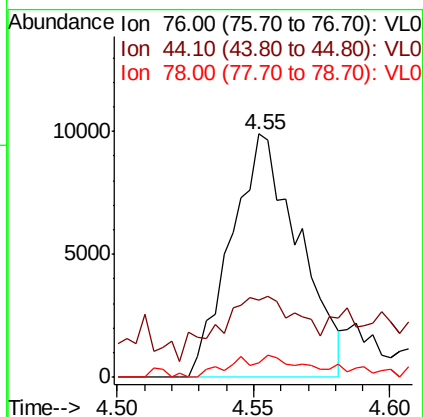
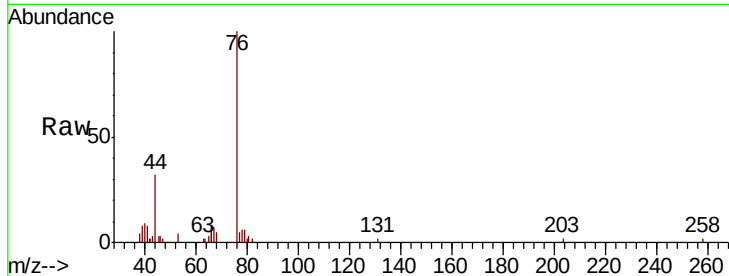


#27
Carbon Disulfide
Concen: 0.156 ppbv
RT: 4.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 2 Mar 2022 19:00

Tot Ion:
Ion Ratio
76 100
44 30.
78 13.

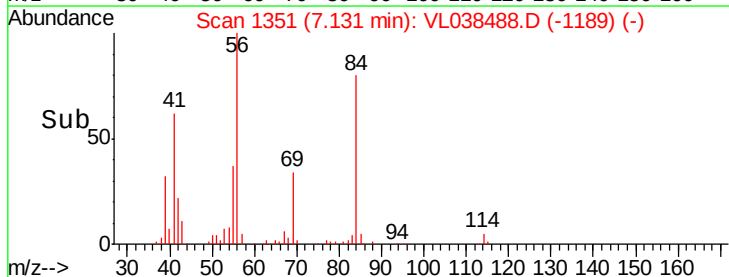
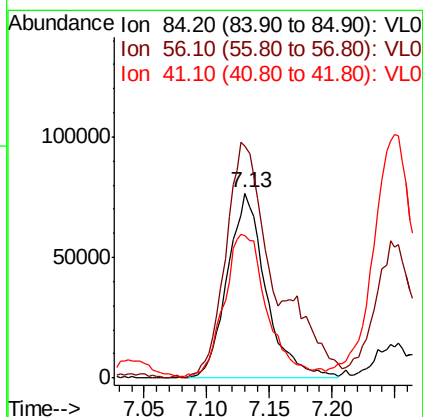
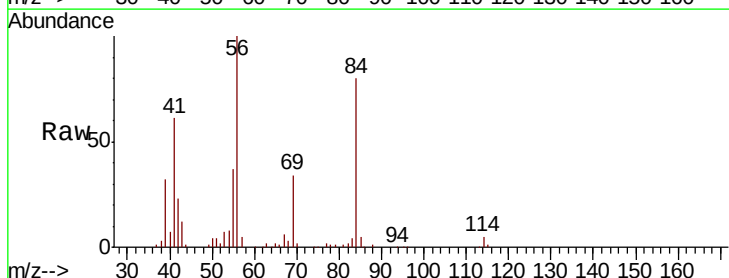
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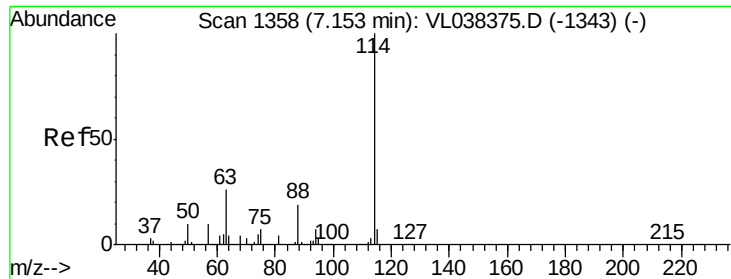
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#30
Cyclohexane
Concen: 2.013 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.02 min
Lab File: VL038488.D
Acq: 2 Mar 2022 19:06

Tgt Ion: 84 Resp: 161775
Ion Ratio Lower Upper
84 100
56 165.4 116.2 174.4
41 84.8 74.3 111.5



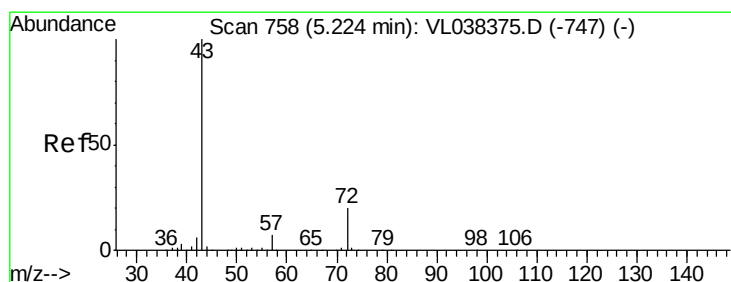
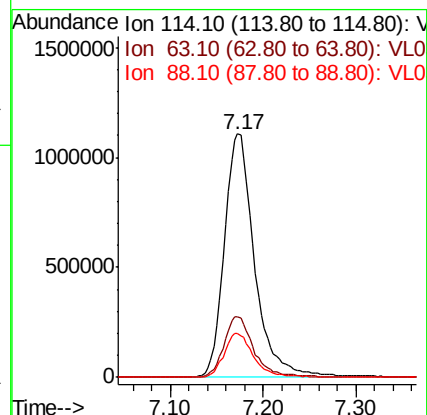
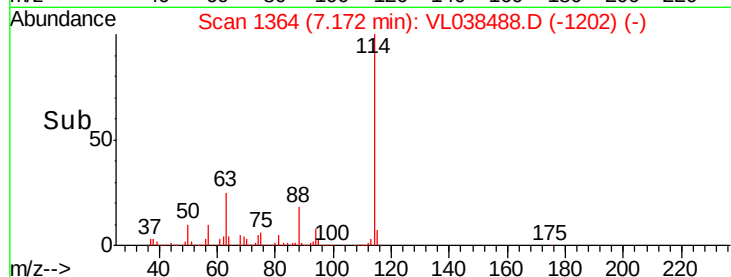
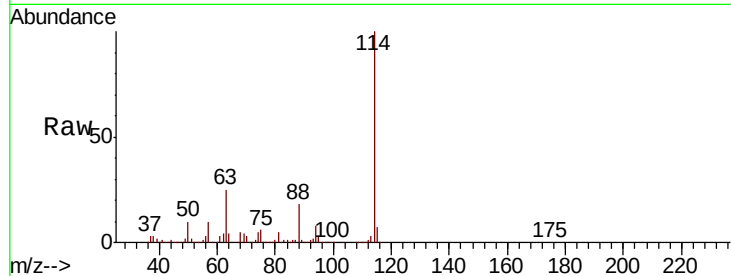


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 19:00

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

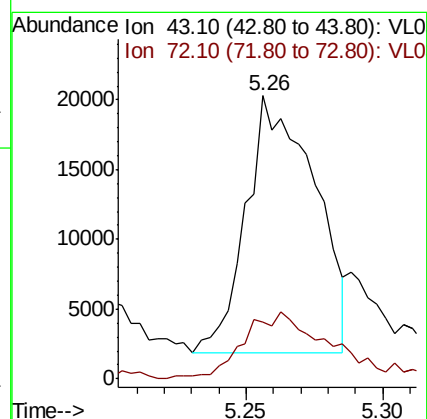
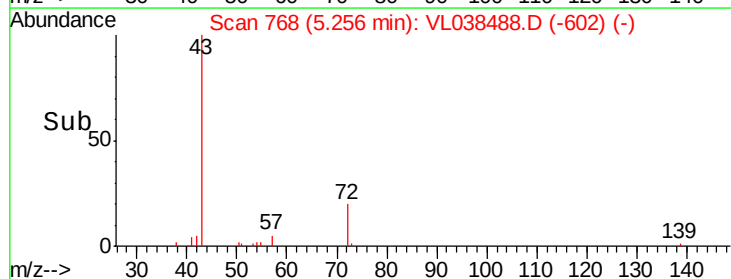
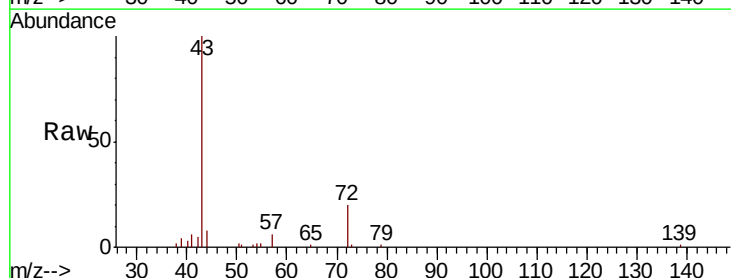
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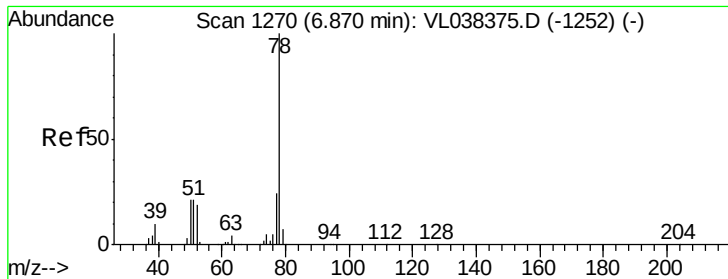
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#34
 2-Butanone
 Concen: 0.409 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.03 min
 Lab File: VL038488.D
 Acq: 2 Mar 2022 19:06

Tgt Ion: 43 Resp: 32119
 Ion Ratio Lower Upper
 43 100
 72 35.1 17.4 26.2#



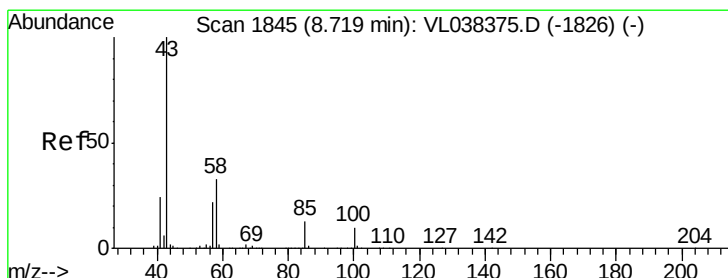
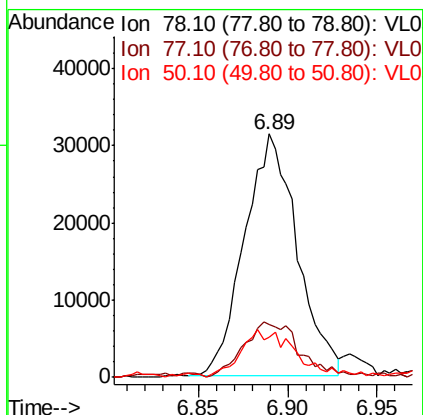
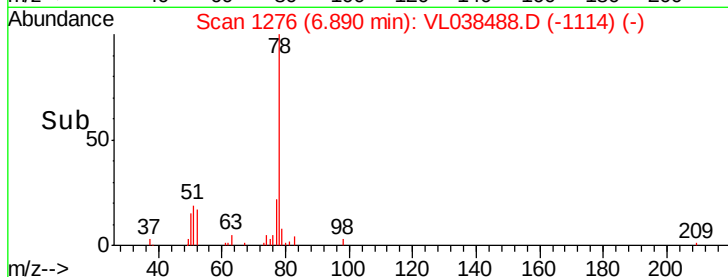
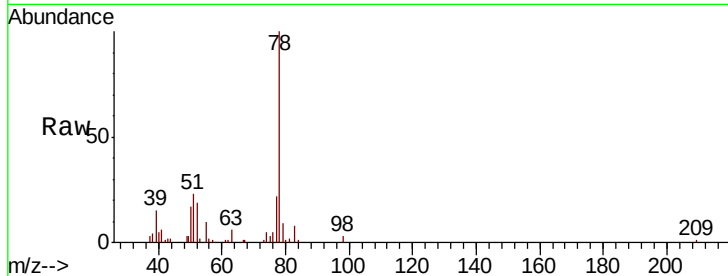


#36
Benzene
Concen: 0.295 ppbv
RT: 6.89
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
SV-1DL
Acq: 2 Mar 2022 19:00

Tot Ion:
Ion Ratio
78 100
77 20.
50 15.

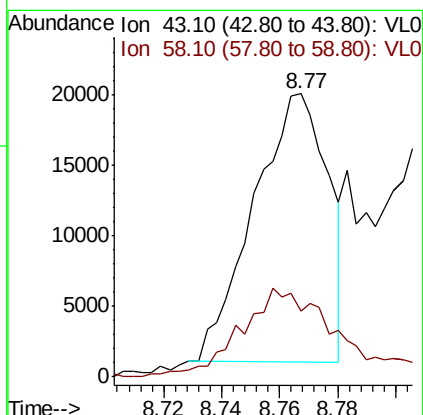
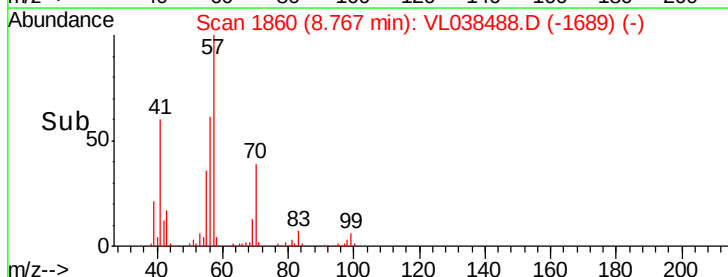
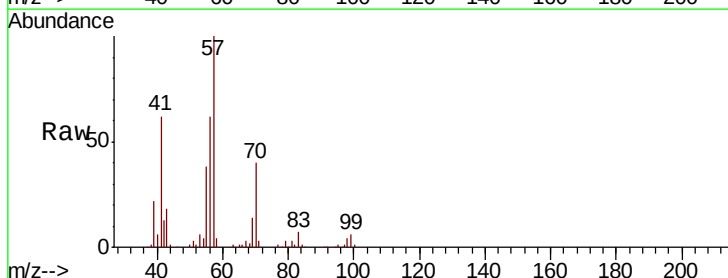
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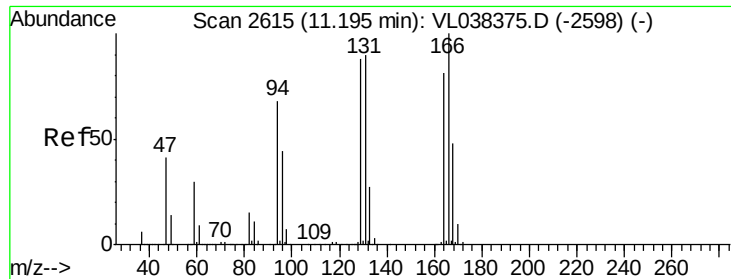
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#50
4-Methyl-2-Pentanone
Concen: 0.244 ppbv
RT: 8.77 min Scan# 1860
Delta R.T. 0.05 min
Lab File: VL038488.D
Acq: 2 Mar 2022 19:00

Tgt Ion: 43 Resp: 33882
Ion Ratio Lower Upper
43 100
58 42.7 27.7 41.5#





#52

Tetrachloroethene

Concen: 0.037 ppbv m

RT: 11.23

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 19:00

Tot Ion:1

Ion Rati

164 100

166 106.

129 78.

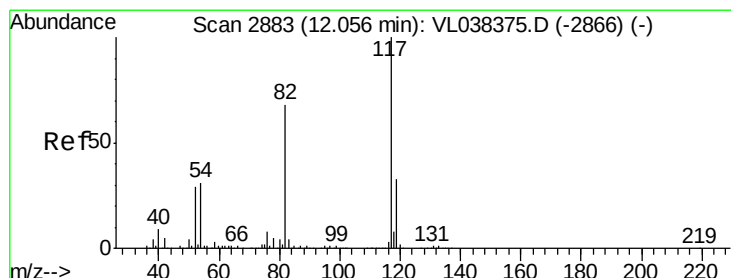
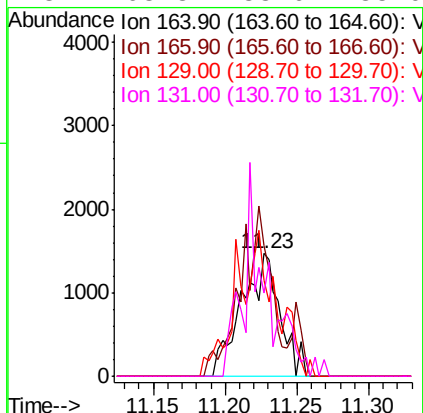
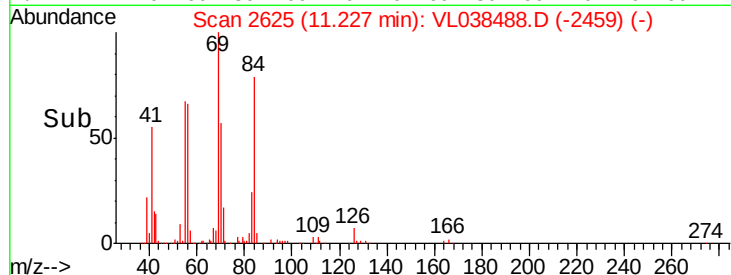
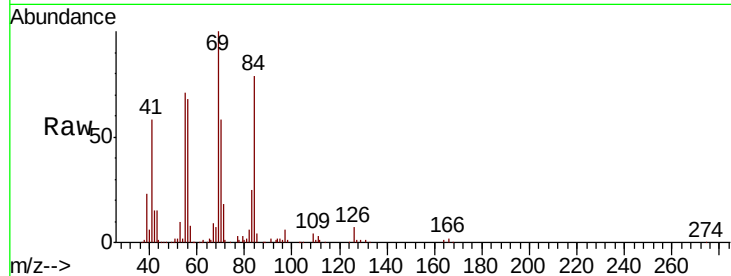
131 68.3 88.6 133.0#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. 0.03 min

Lab File: VL038488.D

Acq: 2 Mar 2022 19:06

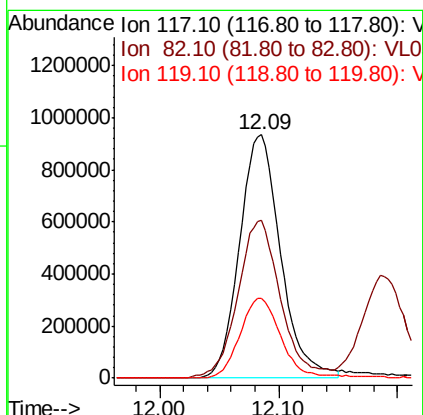
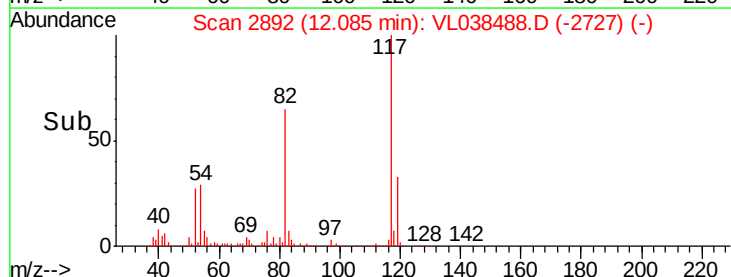
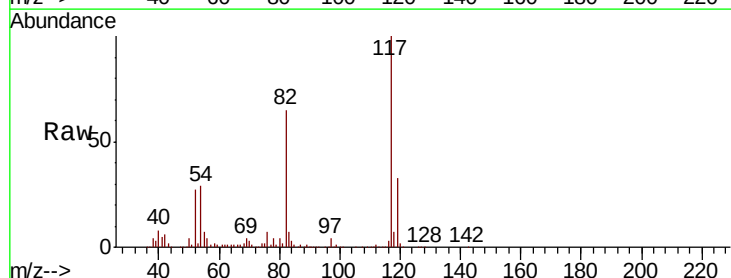
Tgt Ion:117 Resp: 2232116

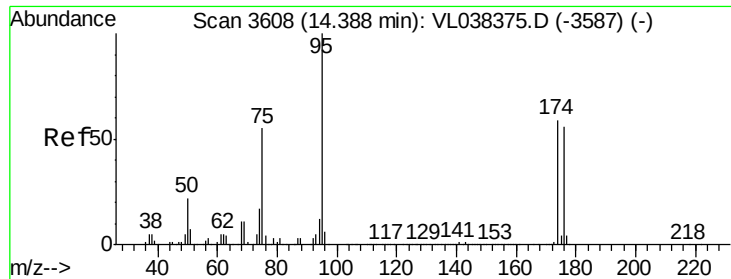
Ion Ratio Lower Upper

117 100

82 67.2 54.9 82.3

119 33.4 46.1 69.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 11.396 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 19:00

Tot Ion:

Ion Ratio

95 100

174 54.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022

