

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038481.D
 Acq On : 2 Mar 2022 14:28
 Operator : SY/AP
 Sample : N1723-03DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 FSG1DL2

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 16:16:21 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	5.66	49	904764	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	2126984	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	1925448	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1580610	9.92	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	184975	3.507	ppbv #	69
15) Acetone	3.85	43	779857	10.136	ppbv	99
30) Cyclohexane	7.14	84	17631m	0.230	ppbv	
36) Benzene	6.89	78	61450	0.328	ppbv #	93
44) 2,2,4-Trimethylpentane	7.87	57	68420m	0.213	ppbv	
53) Toluene	9.81	91	124150	0.611	ppbv	98
62) Isopropylbenzene	14.67	105	64085	0.223	ppbv	98

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

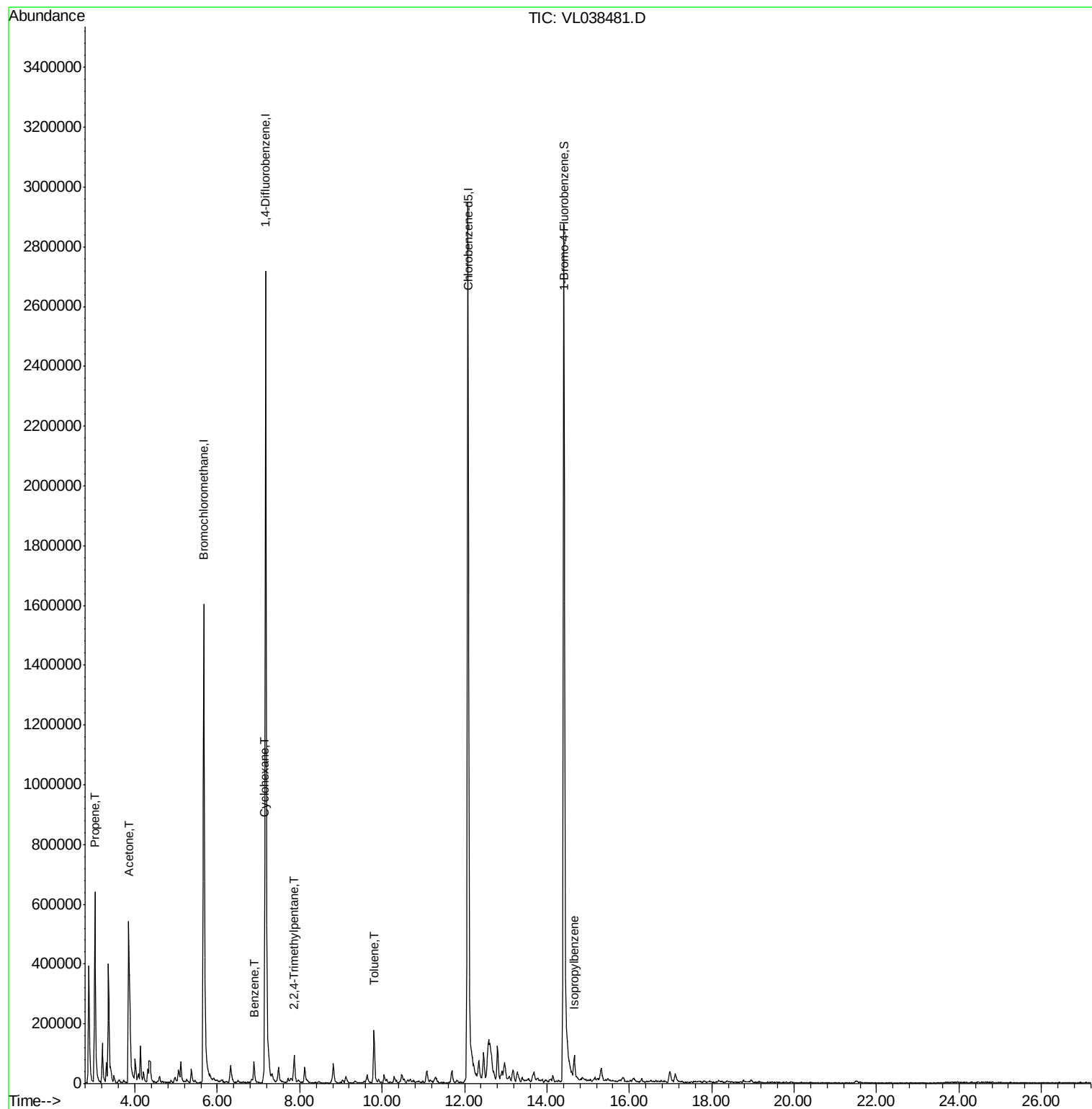
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030222\
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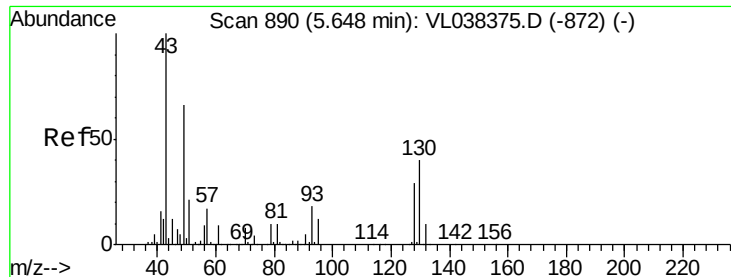
Instrument :
MSVOA_L
ClientSampleId :
FSG1DL2

Manual Integrations
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Quant Time: Mar 05 16:16:21 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222\
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 14:28 FSG1DL2

Tot Ion:

Ion Ratio

49 100

128 46.

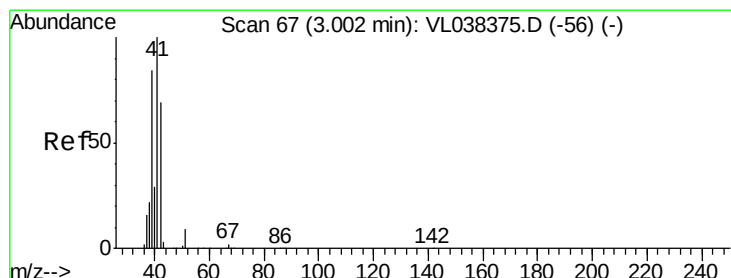
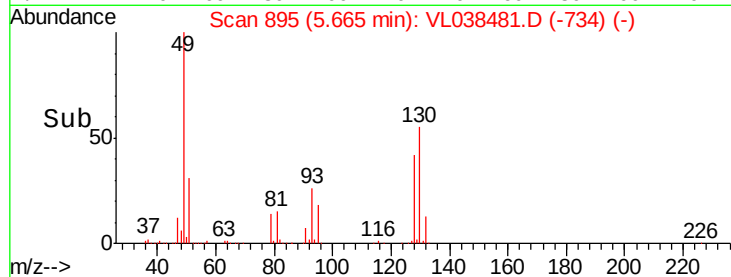
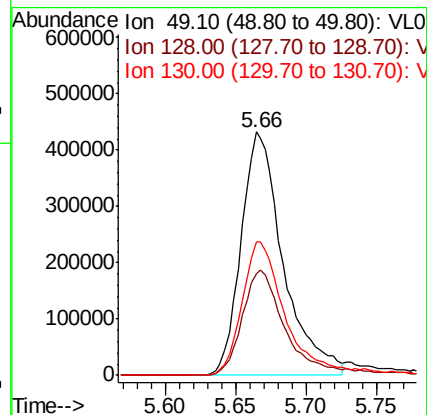
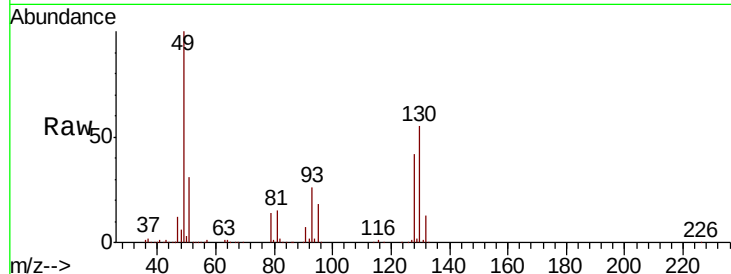
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#9

Propene

Concen: 3.507 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL038481.D

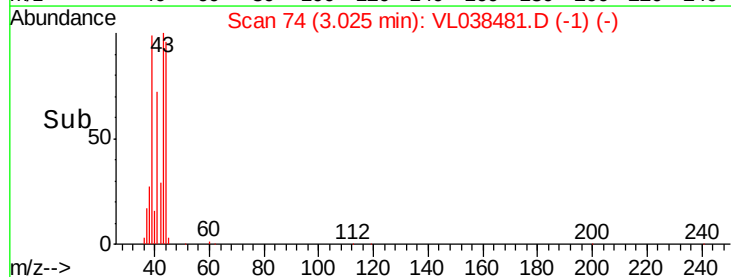
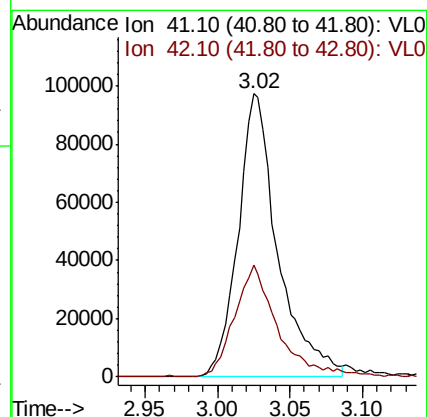
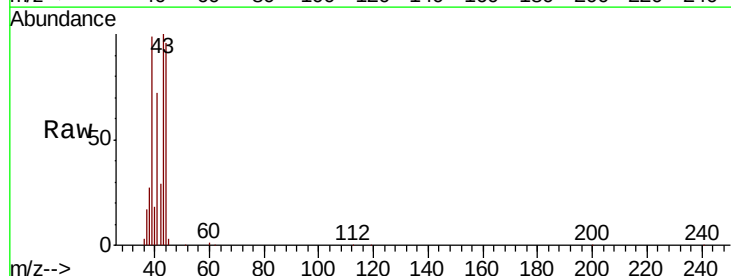
Acq: 2 Mar 2022 14:28

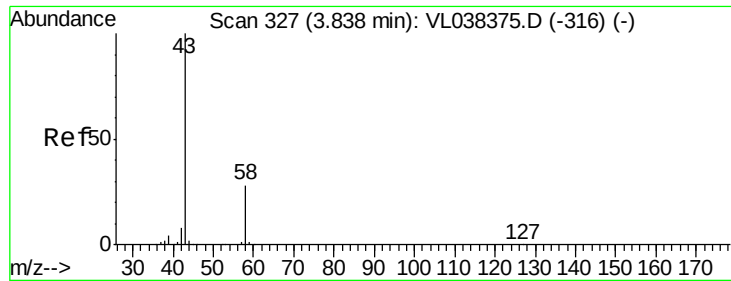
Tgt Ion: 41 Resp: 184975

Ion Ratio Lower Upper

41 100

42 43.3 54.6 82.0#





#15

Acetone

Concen: 10.136 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 2 Mar 2022 14:28

Tot Ion:

Ion Ratio

43 100

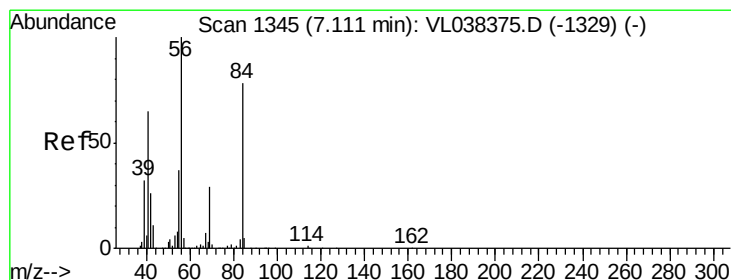
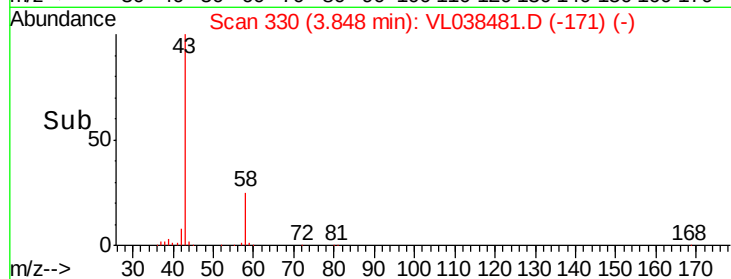
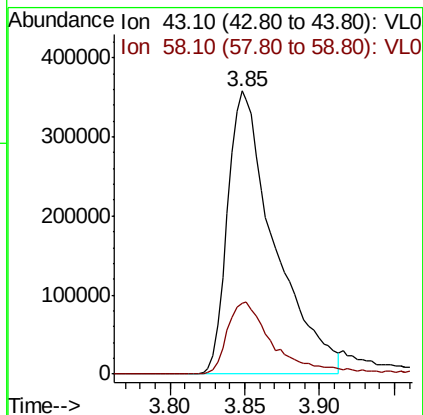
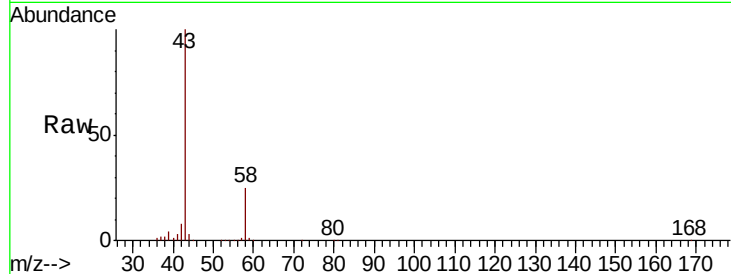
58 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

Cyclohexane

Concen: 0.230 ppbv m

RT: 7.14 min Scan# 1355

Delta R.T. 0.03 min

Lab File: VL038481.D

Acq: 2 Mar 2022 14:28

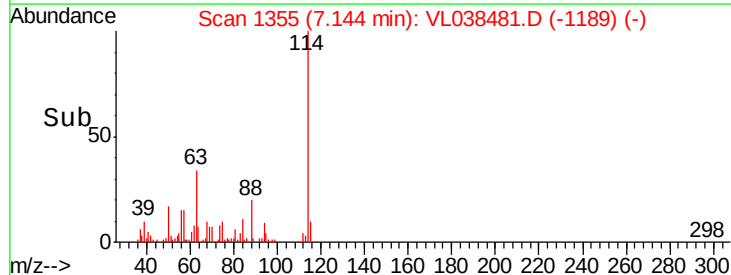
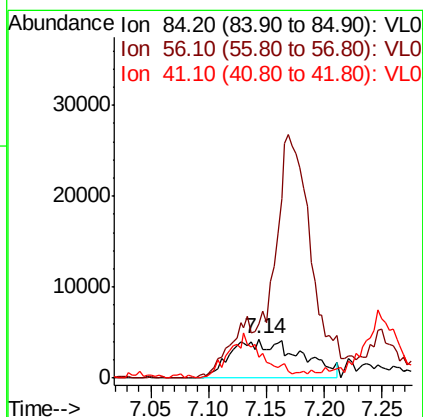
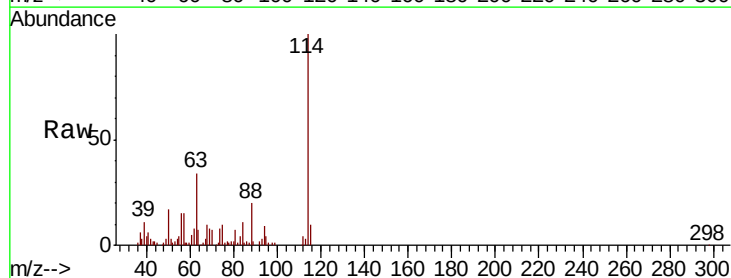
Tgt Ion: 84 Resp: 17631

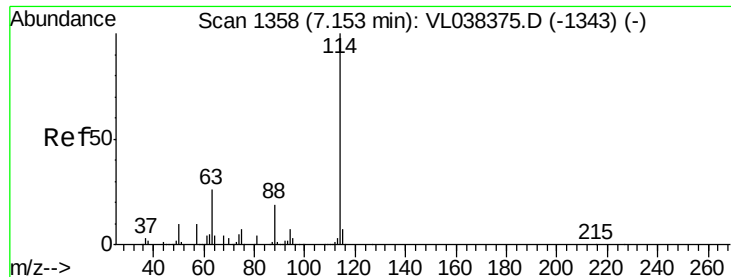
Ion Ratio Lower Upper

84 100

56 0.0 116.2 174.4#

41 60.0 74.3 111.5#



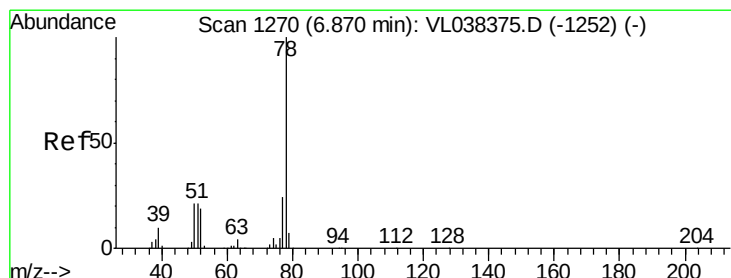
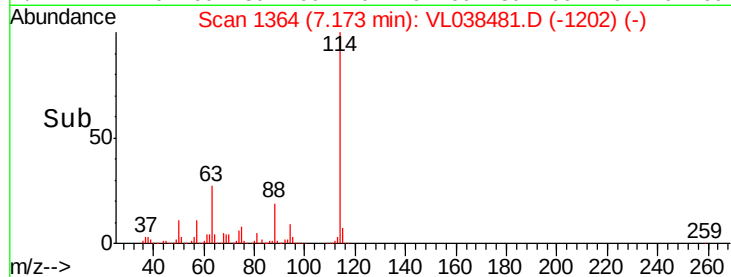
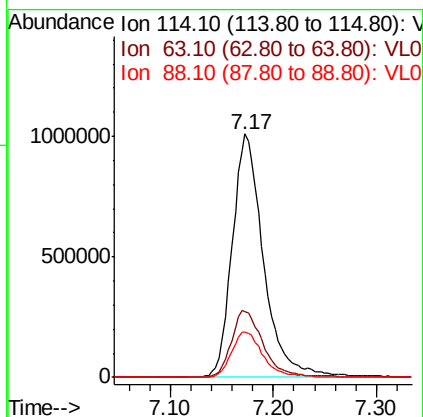
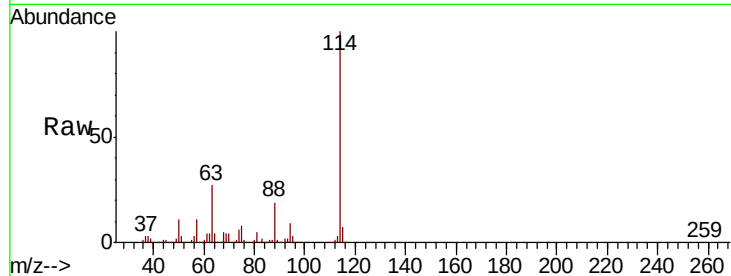


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 FSG1DL2
 Acq: 2 Mar 2022 14:28

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 19.

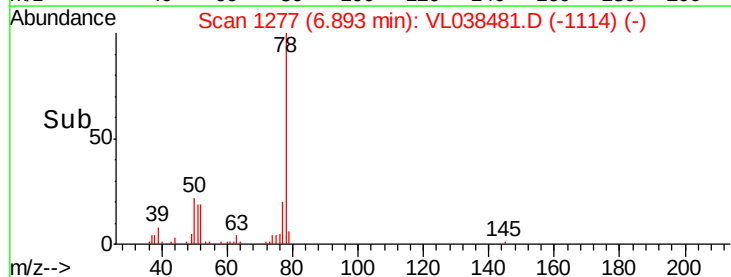
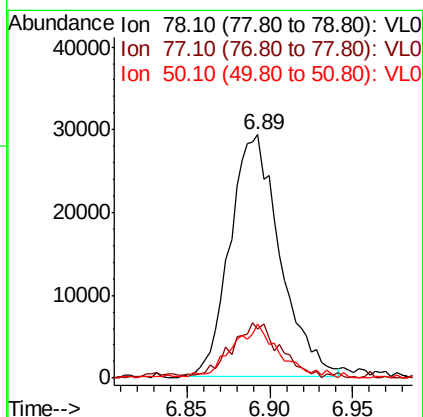
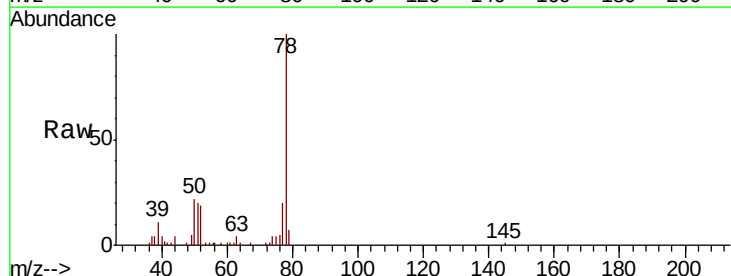
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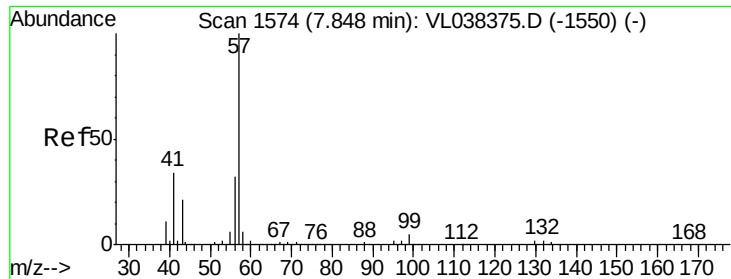
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#36
 Benzene
 Concen: 0.328 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T. 0.02 min
 Lab File: VL038481.D
 Acq: 2 Mar 2022 14:28

Tgt Ion: 78 Resp: 61450
 Ion Ratio Lower Upper
 78 100
 77 18.8 19.0 28.6#
 50 22.1 16.6 24.8



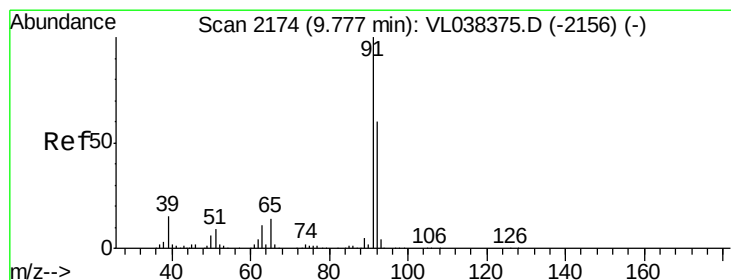
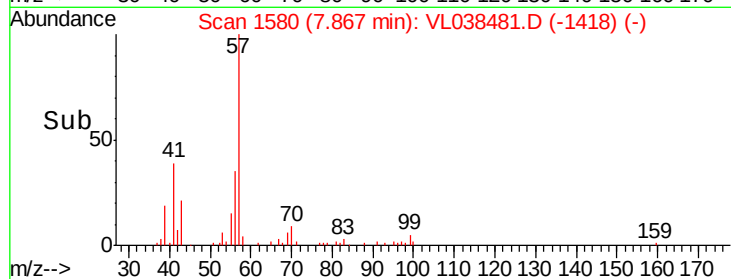
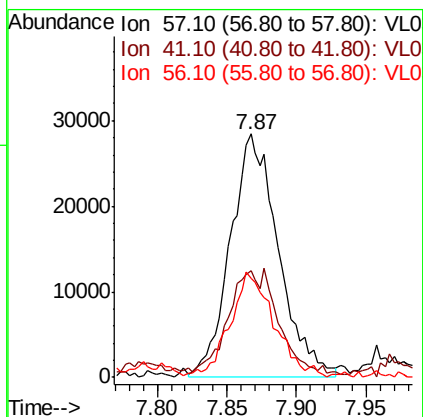
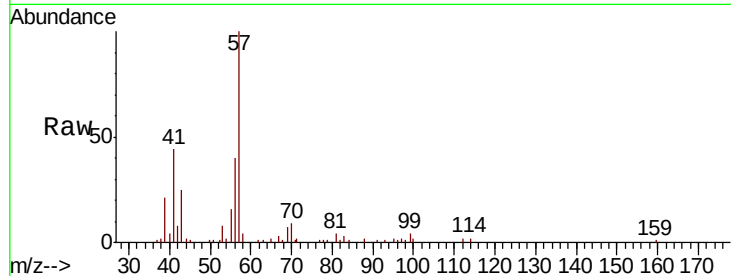


#44
 2,2,4-Trimethylpentane
 Concen: 0.213 ppbv m
 RT: 7.87
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 FSG1DL2
 Acq: 2 Mar 2022 14:28

Tot Ion:
 Ion Ratio
 57 100
 41 0.
 56 40.

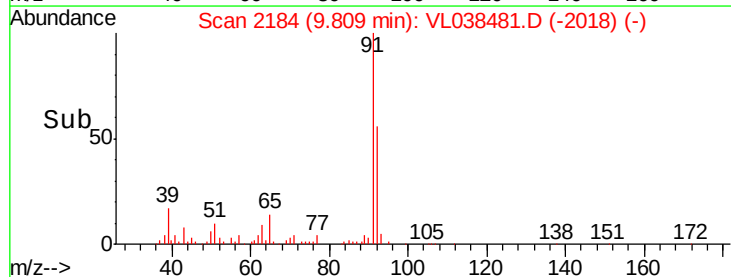
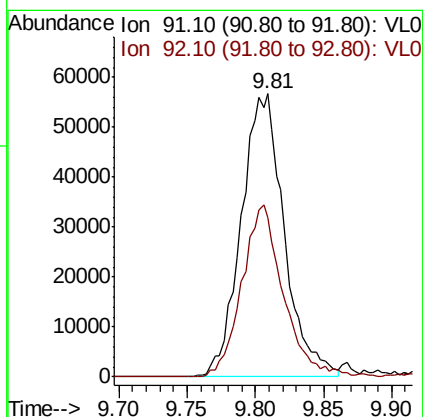
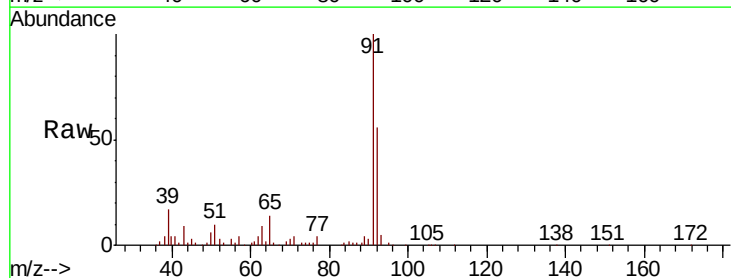
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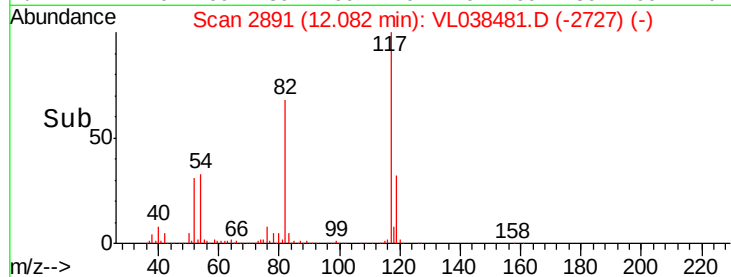
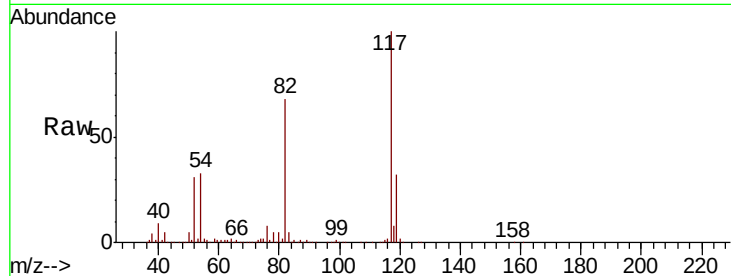
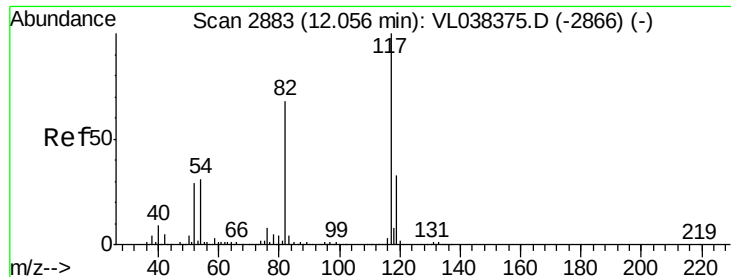
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#53
 Toluene
 Concen: 0.611 ppbv
 RT: 9.81 min Scan# 2184
 Delta R.T. 0.03 min
 Lab File: VL038481.D
 Acq: 2 Mar 2022 14:28

Tgt Ion: 91 Resp: 124150
 Ion Ratio Lower Upper
 91 100
 92 58.7 48.2 72.4



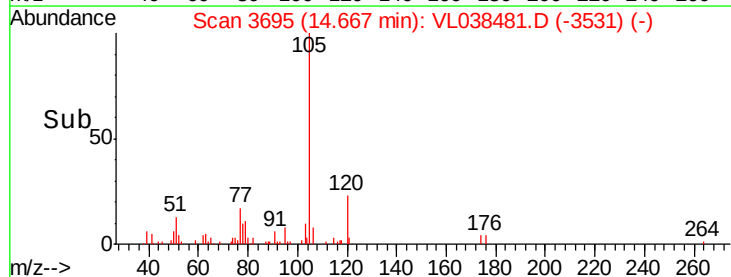
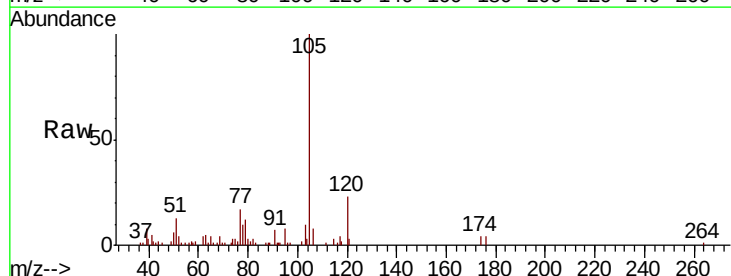
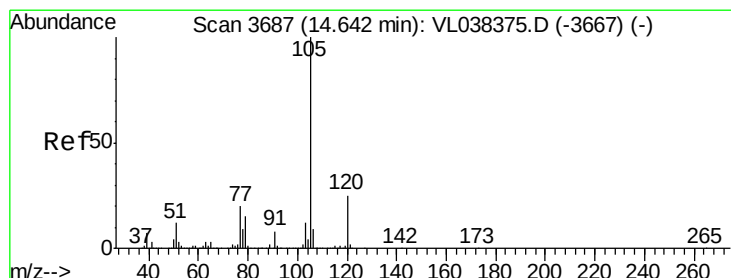
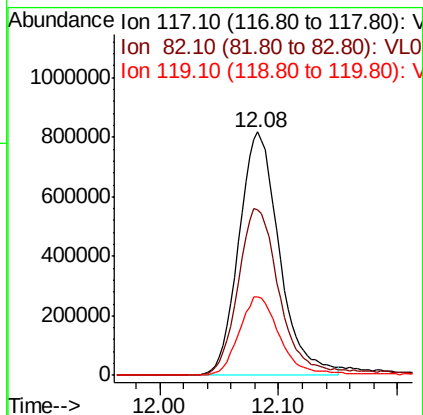


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
FSG1DL2
Acq: 2 Mar 2022 14:28

Tot Ion:1
Ion Rati
117 100
82 73.
119 34.

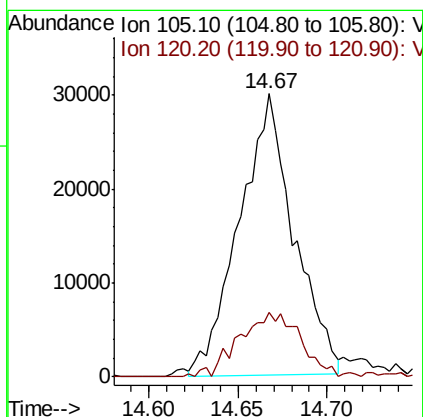
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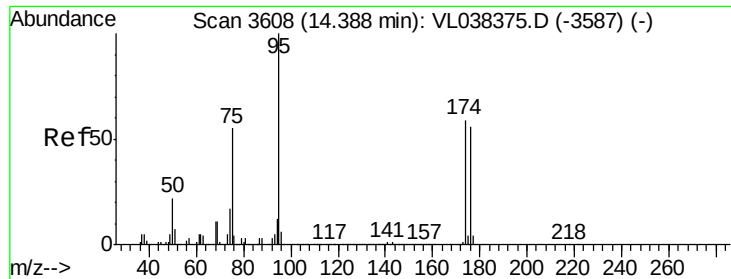
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#62
Isopropylbenzene
Concen: 0.223 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.03 min
Lab File: VL038481.D
Acq: 2 Mar 2022 14:28

Tgt Ion:105 Resp: 64085
Ion Ratio Lower Upper
105 100
120 26.9 20.6 30.8





#68

1-Bromo-4-Fluorobenzene

Concen: 9.921 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 14.28

Tot Ion:

Ion Rati

95 100

174 60.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022

