

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038503.D
 Acq On : 3 Mar 2022 4:36
 Operator : SY/AP
 Sample : N1754-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 05:21:55 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	850609	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2001396	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	1727728	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1416160	9.91	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.00	51	89376	0.595	ppbv	95
9) Propene	3.02	41	10024m	0.202	ppbv	
13) Ethanol	3.61	45	1028445	207.796	ppbv	94
15) Acetone	3.87	43	88933	1.229	ppbv	97
19) Isopropyl Alcohol	3.97	45	282062	6.734	ppbv #	96
20) Methylene Chloride	4.36	84	6082m	0.170	ppbv	
25) Ethyl Acetate	5.69	43	19049m	0.098	ppbv	
52) Tetrachloroethene	11.23	164	5492m	0.094	ppbv	
53) Toluene	9.82	91	33839	0.177	ppbv	97

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

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Quant Time: Mar 03 05:21:55 2022

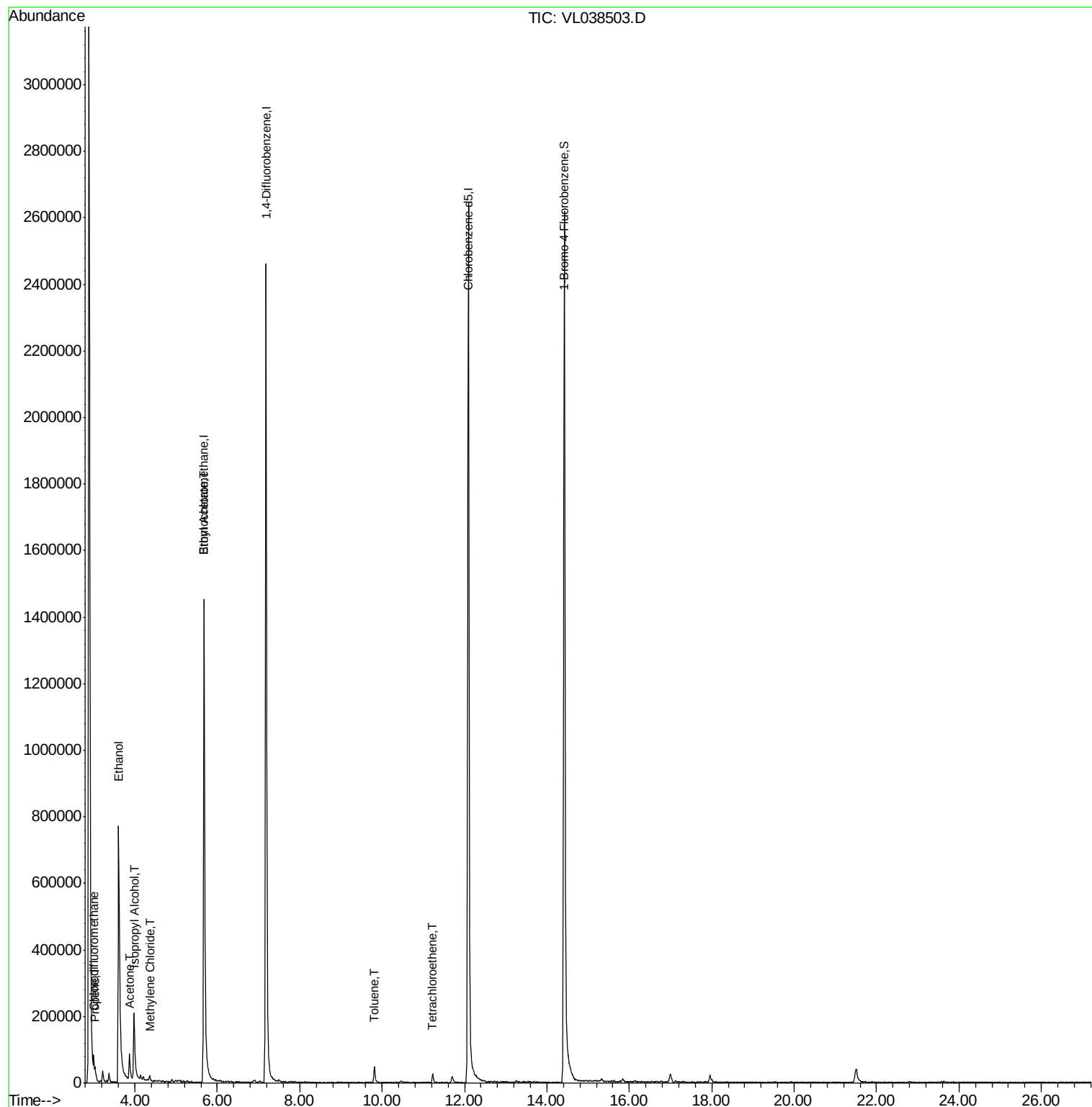
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222

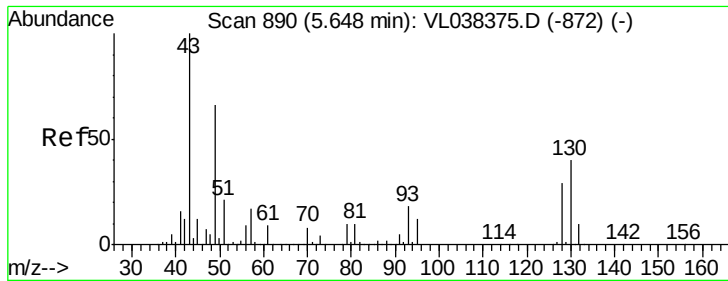
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 4:30

Tot Ion:

Ion Ratio

49 100

128 46.

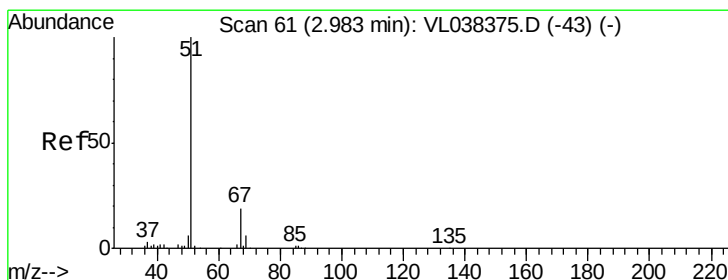
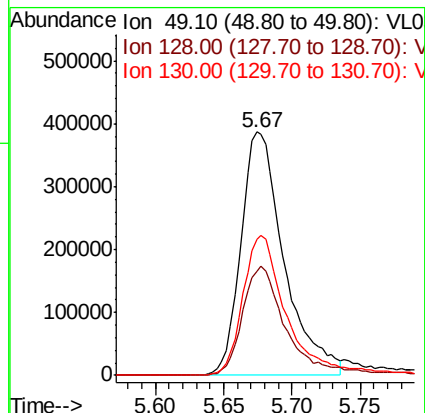
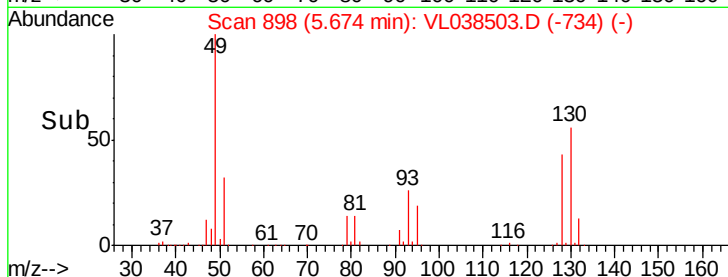
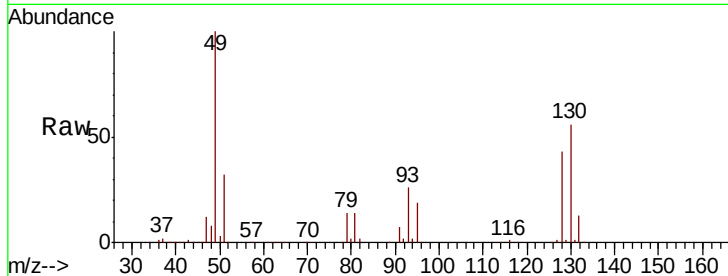
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#3

Chlorodifluoromethane

Concen: 0.595 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.02 min

Lab File: VL038503.D

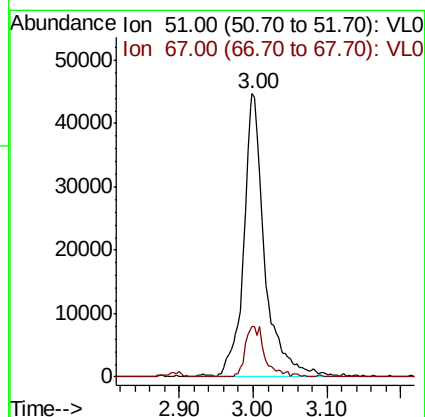
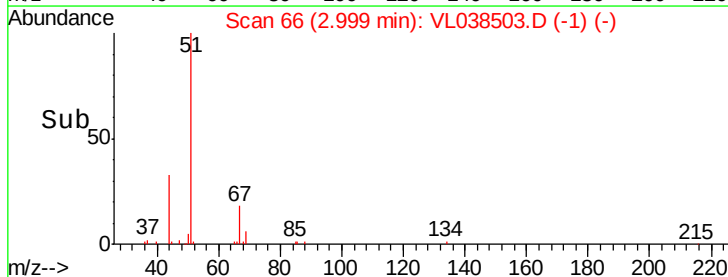
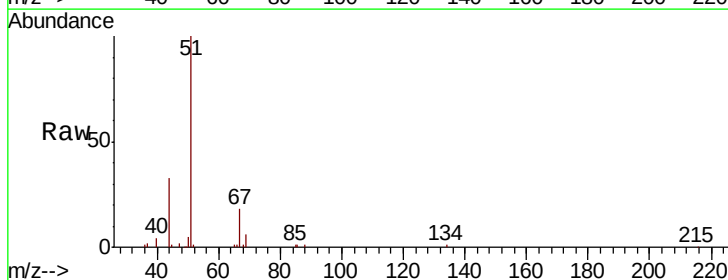
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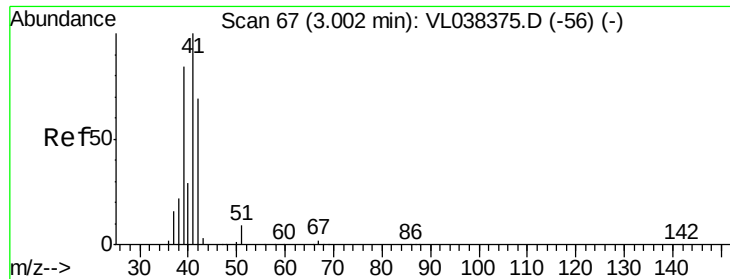
Tgt Ion: 51 Resp: 89376

Ion Ratio Lower Upper

51 100

67 16.2 14.7 22.1





#9

Propene

Concen: 0.202 ppbv m

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 4:30

Tot Ion:

Ion Ratio

41 100

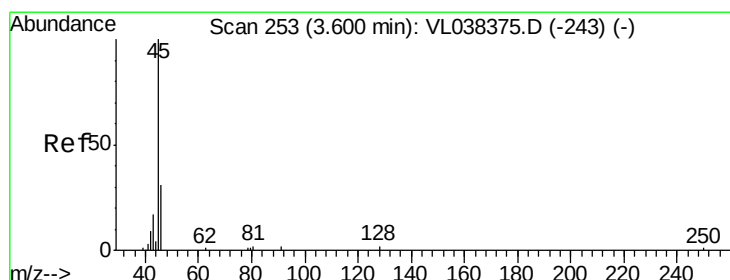
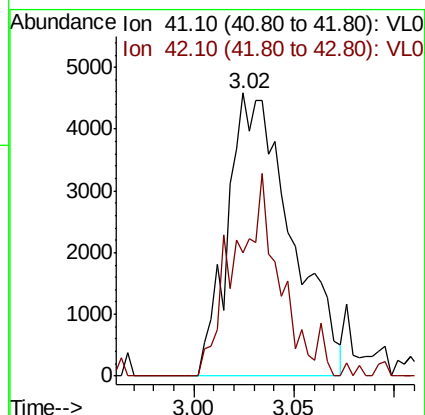
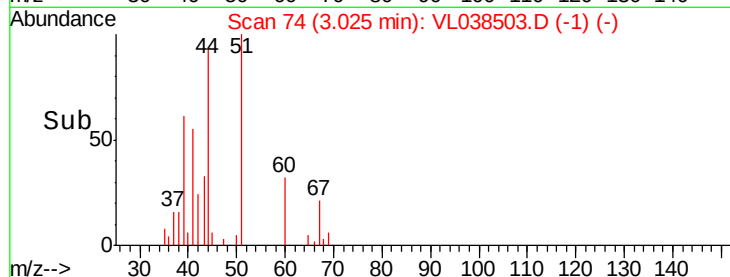
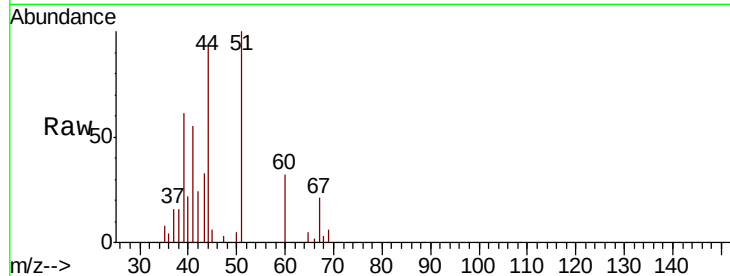
42 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#13

Ethanol

Concen: 207.796 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.01 min

Lab File: VL038503.D

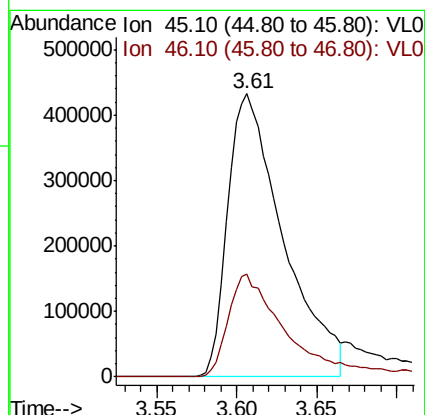
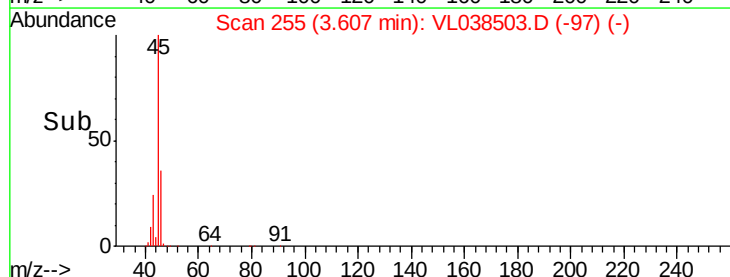
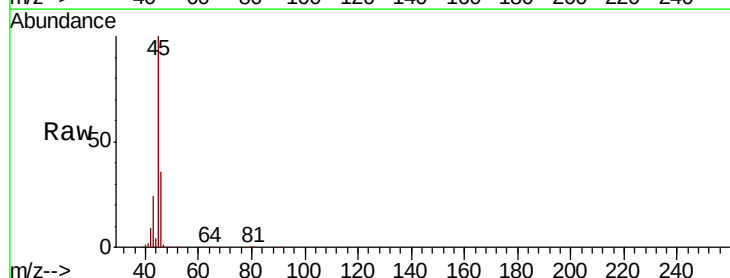
Acq: 3 Mar 2022 4:36

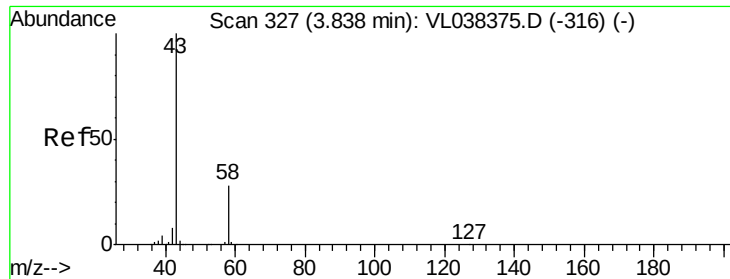
Tgt Ion: 45 Resp: 1028445

Ion Ratio Lower Upper

45 100

46 41.5 18.2 72.8



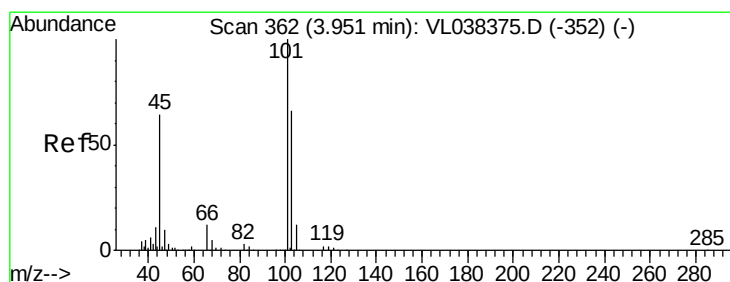
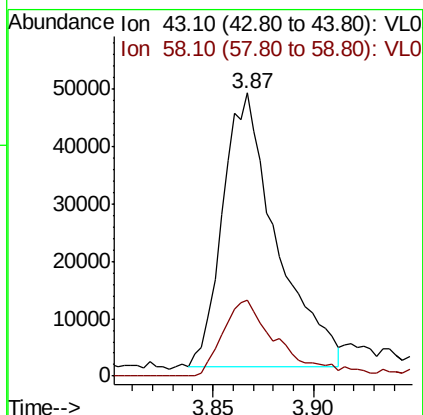
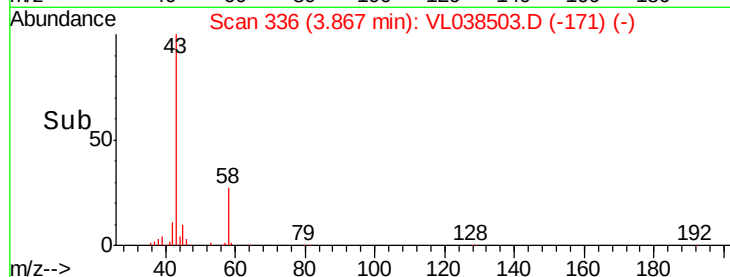
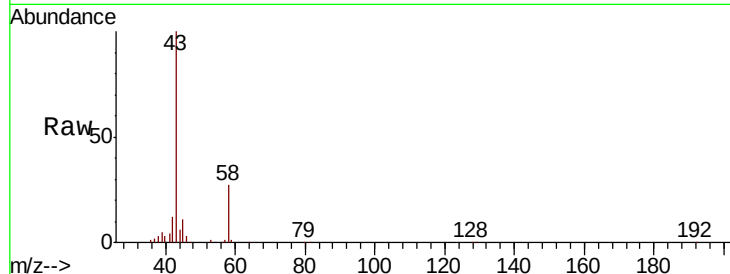


#15
Acetone
Concen: 1.229 ppbv
RT: 3.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 4:30

Tot Ion:
Ion Ratio
43 100
58 28.

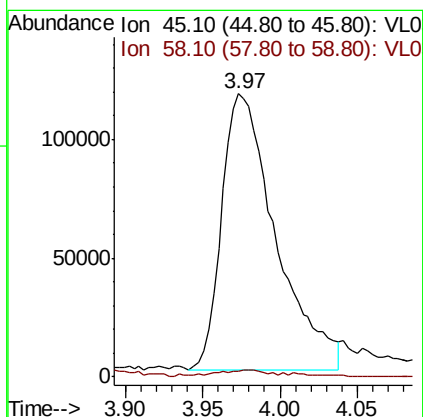
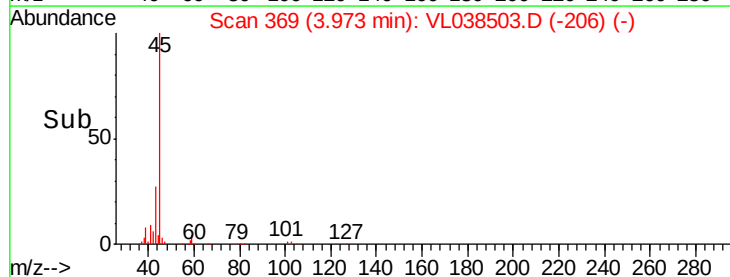
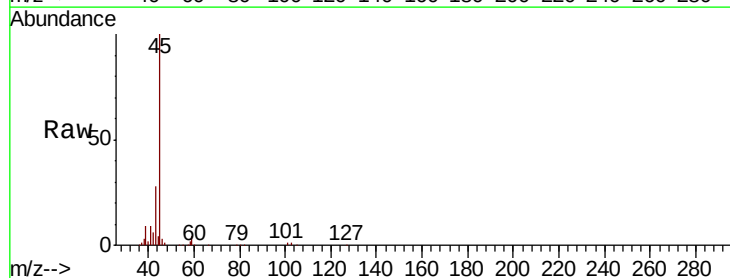
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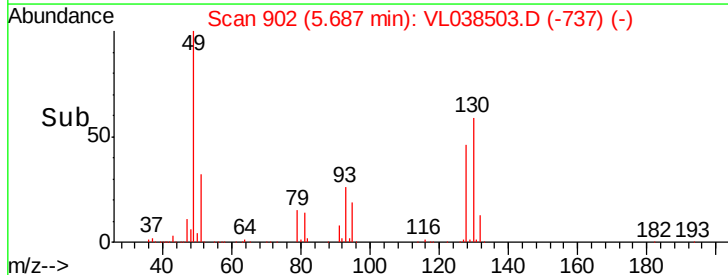
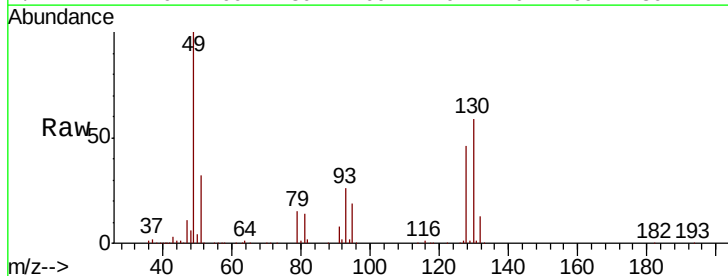
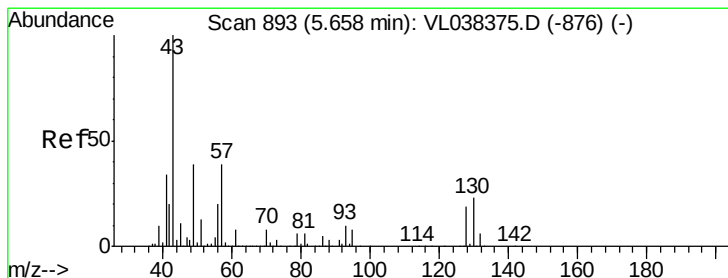
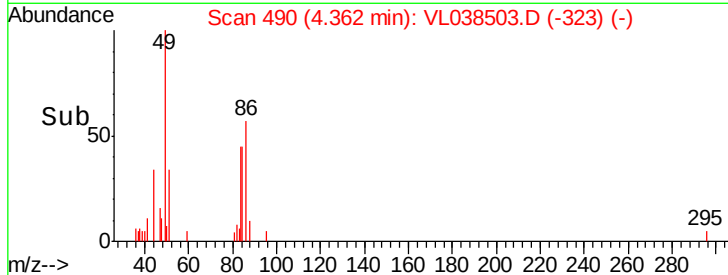
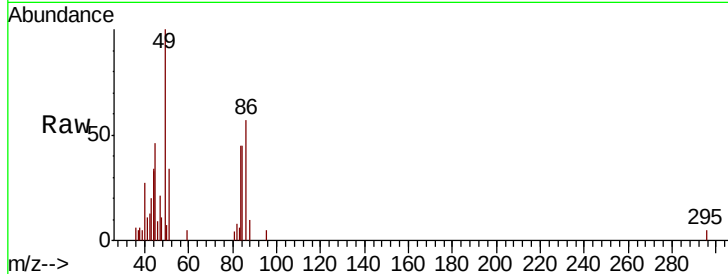
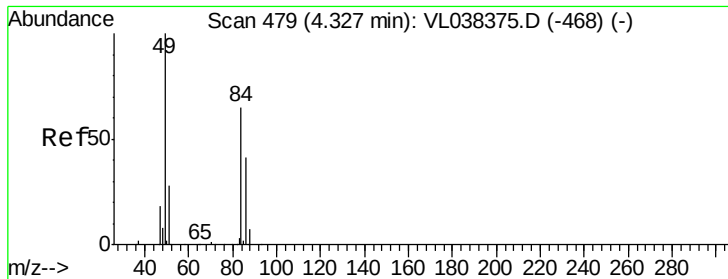
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#19
Isopropyl Alcohol
Concen: 6.734 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.02 min
Lab File: VL038503.D
Acq: 3 Mar 2022 4:36

Tgt Ion: 45 Resp: 282062
Ion Ratio Lower Upper
45 100
58 3.6 1.8 2.8#



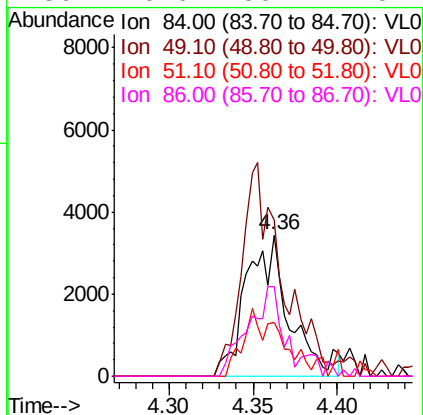


#20
Methylene Chloride
Concen: 0.170 ppbv m
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 4:30

Tot Ion:
Ion Ratio
84 100
49 221.
51 76.
86 126.6 50.7 76.1#

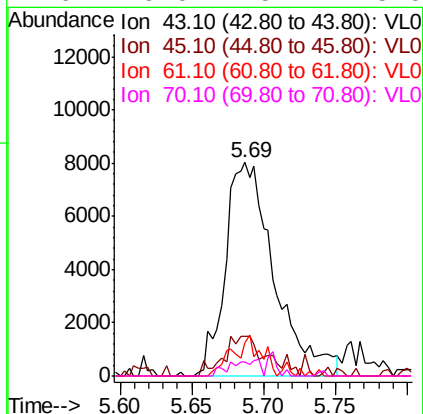
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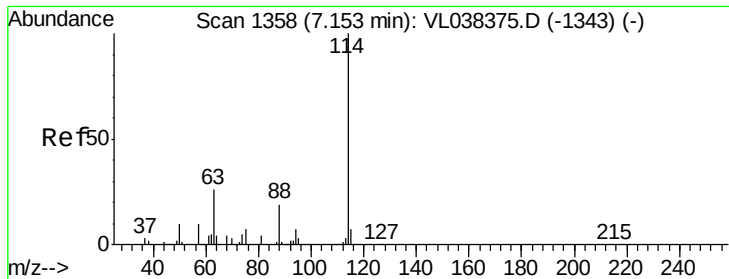
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#25
Ethyl Acetate
Concen: 0.098 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. 0.03 min
Lab File: VL038503.D
Acq: 3 Mar 2022 4:36

Tgt Ion: 43 Resp: 19049
Ion Ratio Lower Upper
43 100
45 18.7 7.8 11.6#
61 0.0 7.5 11.3#
70 0.0 5.4 8.0#



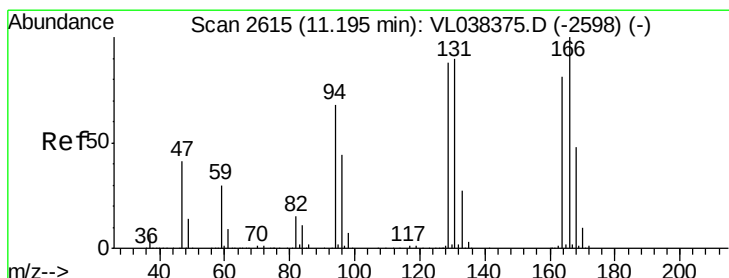
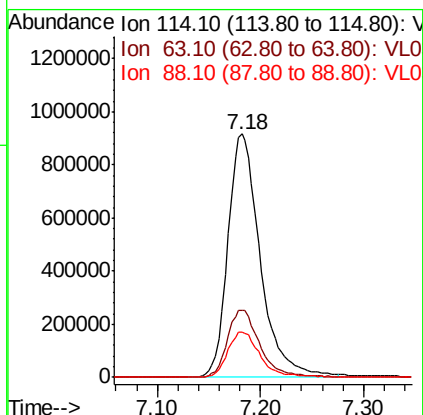
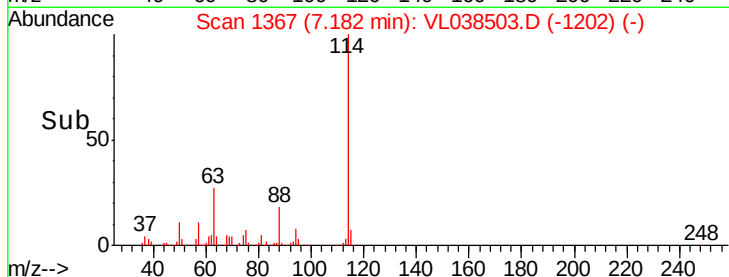
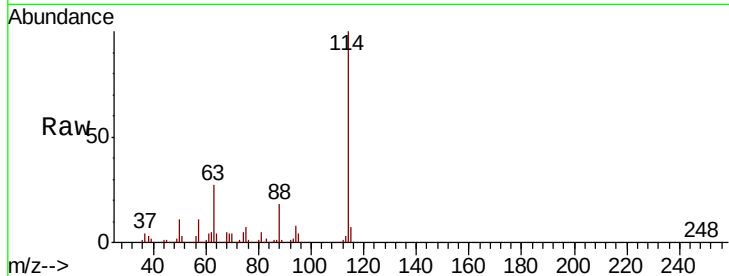


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 4:30

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

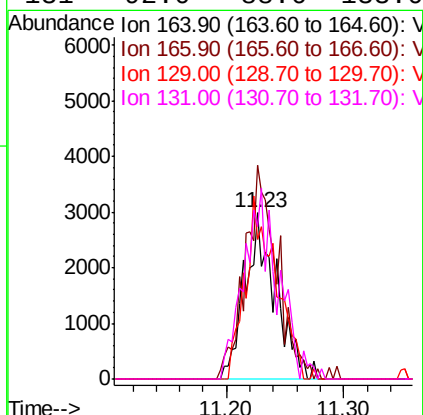
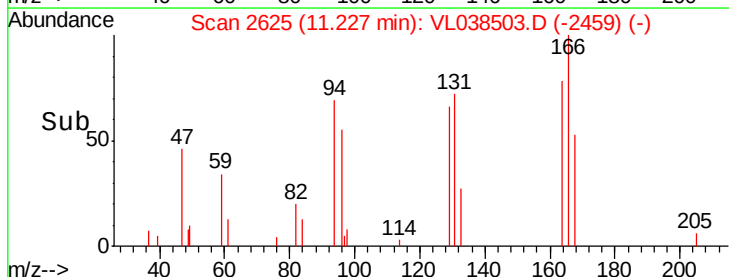
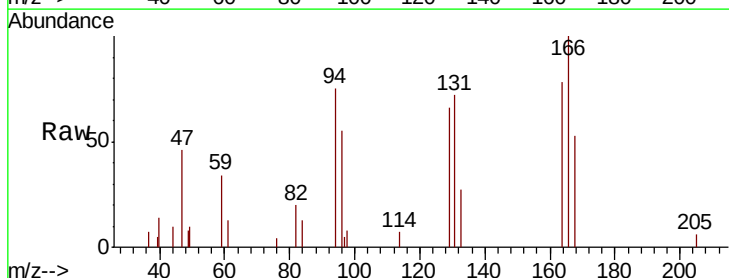
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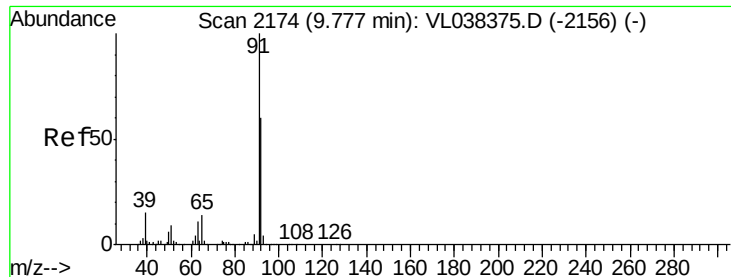
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#52
 Tetrachloroethene
 Concen: 0.094 ppbv m
 RT: 11.23 min Scan# 2625
 Delta R.T. 0.03 min
 Lab File: VL038503.D
 Acq: 3 Mar 2022 4:36

Tgt Ion:164 Resp: 5492
 Ion Ratio Lower Upper
 164 100
 166 128.4 98.6 148.0
 129 84.1 86.9 130.3#
 131 92.0 88.6 133.0



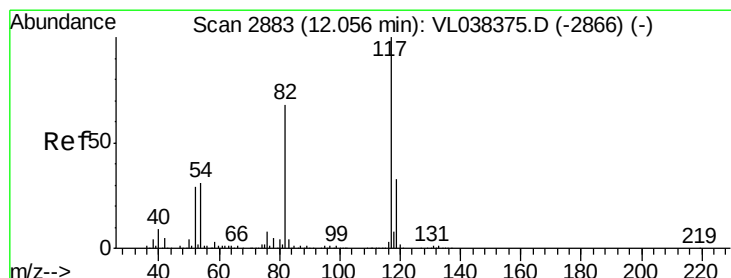
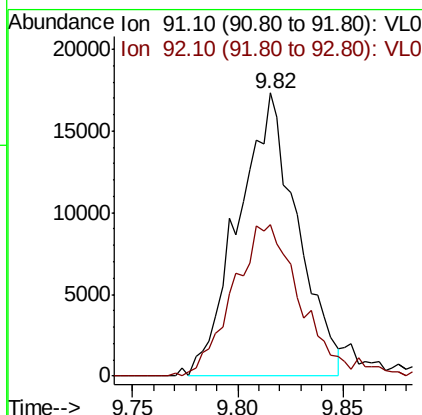
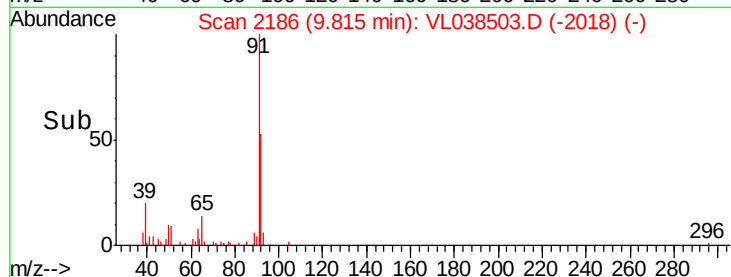
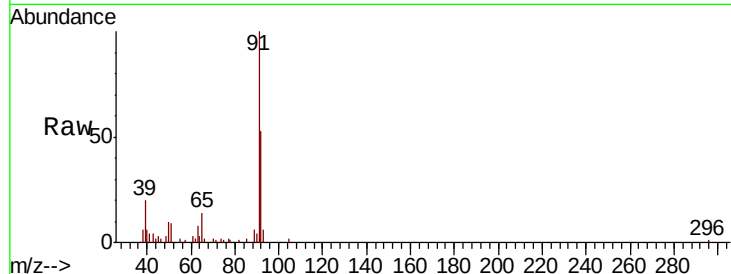


#53
Toluene
Concen: 0.177 ppbv
RT: 9.82
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 4:30

Tot Ion:
Ion Ratio
91 100
92 62.

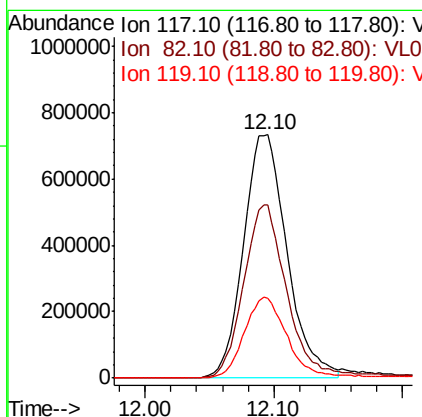
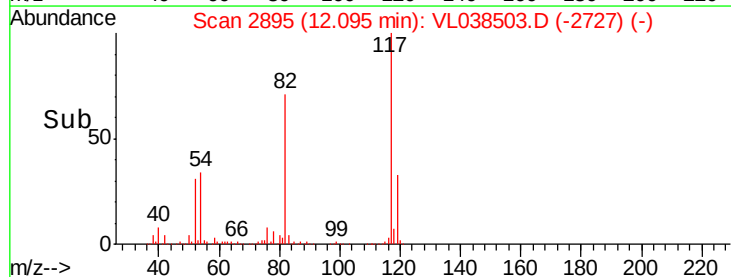
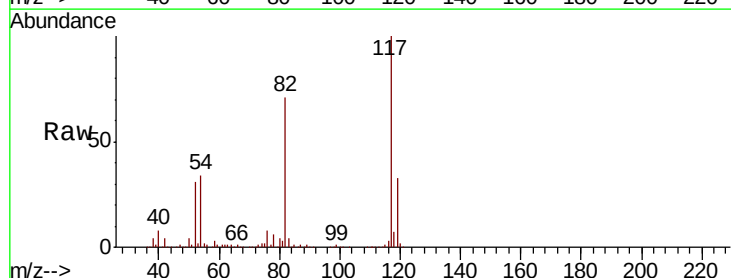
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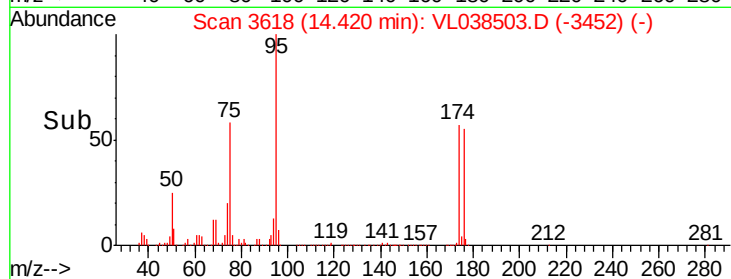
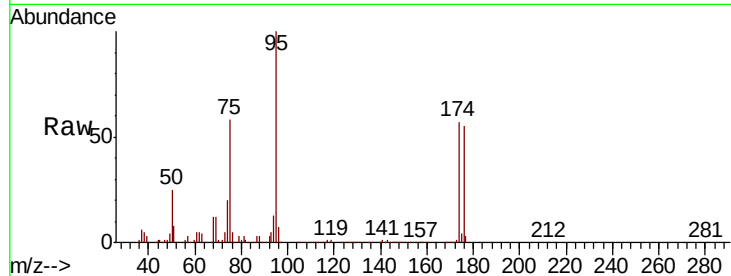
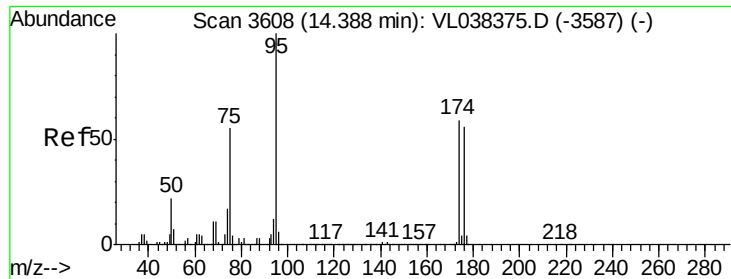
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.04 min
Lab File: VL038503.D
Acq: 3 Mar 2022 4:36

Tgt Ion:117 Resp: 1727728
Ion Ratio Lower Upper
117 100
82 71.8 54.9 82.3
119 33.8 46.1 69.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.906 ppbv

RT: 14.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 4:30

Tot Ion:

Ion Ratio

95 100

174 60.

175 4.

Manual Integrations

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