

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038269.D
 Acq On : 24 Jan 2022 21:07
 Operator : SY/AP
 Sample : N1211-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SVE-INFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2022
 Supervised By :Mahesh Dadoda 01/26/2022

Quant Time: Jan 25 14:37:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	860155	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2269435	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1904301	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1421741	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	506970	84.720	ppbv	99
15) Acetone	3.86	43	118579m	1.564	ppbv	
19) Isopropyl Alcohol	3.98	45	57306m	1.208	ppbv	
25) Ethyl Acetate	5.69	43	61923m	0.292	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	10021m	0.116	ppbv	
34) 2-Butanone	5.26	43	48637m	0.655	ppbv	
41) Tetrahydrofuran	6.07	42	80263m	1.609	ppbv	
52) Tetrachloroethene	11.24	164	10011m	0.145	ppbv	
53) Toluene	9.81	91	500706	2.253	ppbv	99
59) m/p-Xylene	12.97	91	52333m	0.219	ppbv	
60) o-Xylene	13.69	91	22301m	0.100	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	24295m	0.110	ppbv	

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012422\
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Operator : SY/AP
Sample : N1211-01DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Manual Integrations
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Quant Time: Jan 25 14:37:51 2022

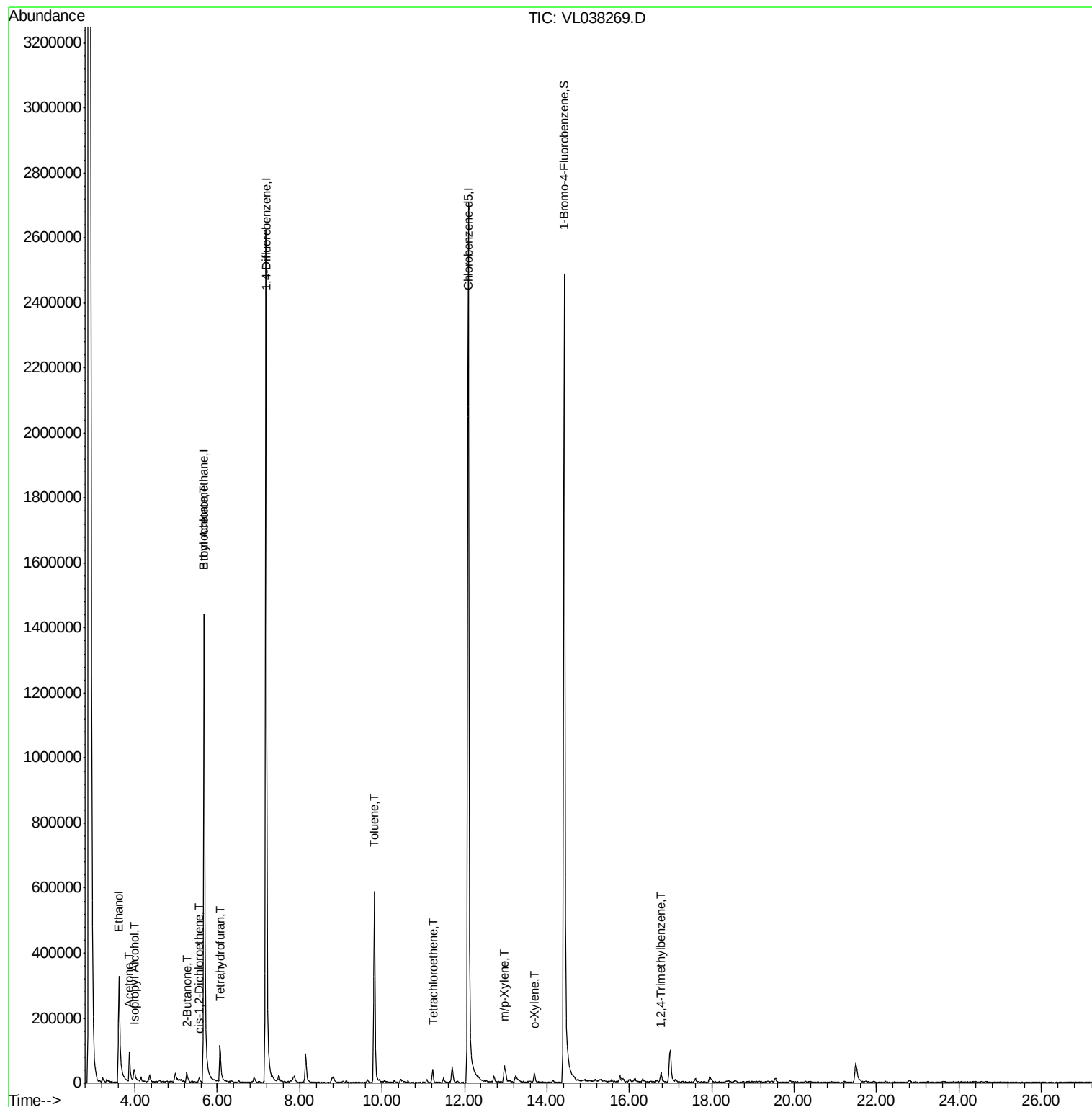
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL012422

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

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/26/2022
Supervised By :Mahesh Dadoda 01/26/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SVE-INFLUENTDL

Acq: 24 Jan 2022 21:07

Tot Ion:

Ion Ratio

49 100

128 47.

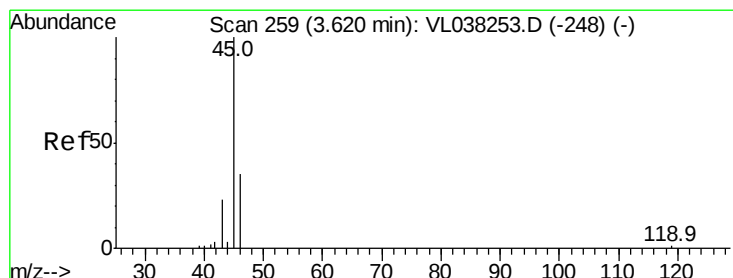
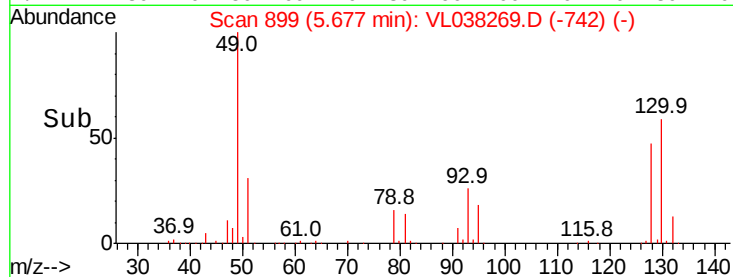
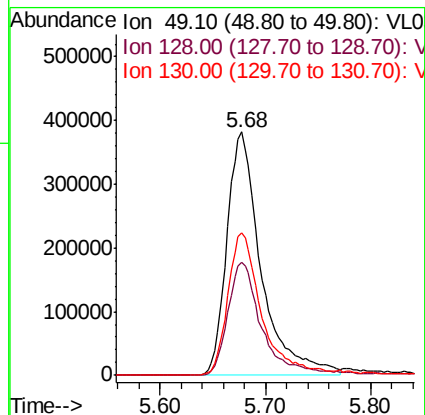
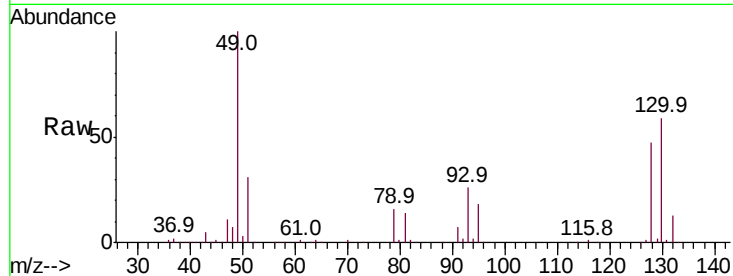
130 60.

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Supervised By :Mahesh Dadoda 01/26/2022



#13

Ethanol

Concen: 84.720 ppbv

RT: 3.61 min Scan# 256

Delta R.T. -0.01 min

Lab File: VL038269.D

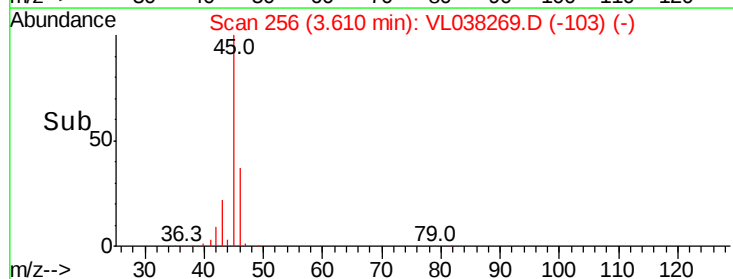
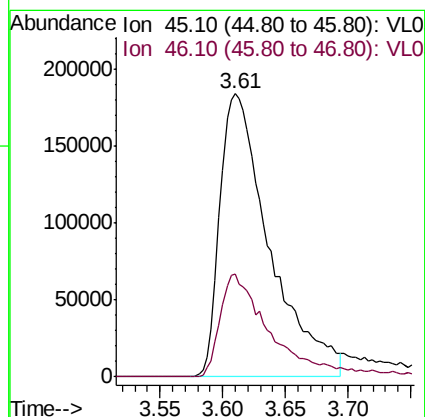
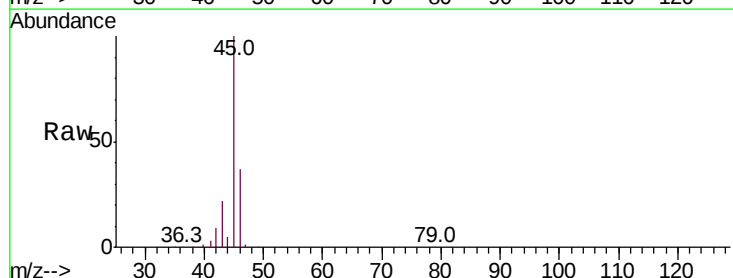
Acq: 24 Jan 2022 21:07

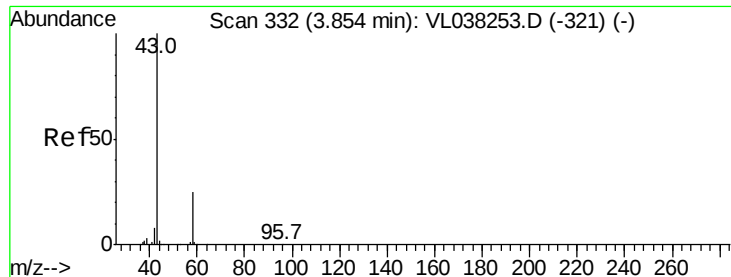
Tgt Ion: 45 Resp: 506970

Ion Ratio Lower Upper

45 100

46 37.9 15.4 61.6





#15

Acetone

Concen: 1.564 ppbv m

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 21:07

Manual Integrations

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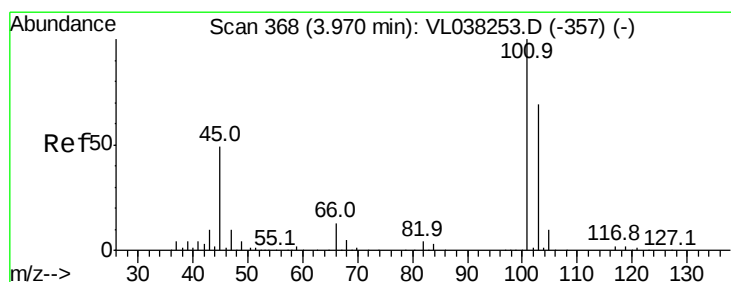
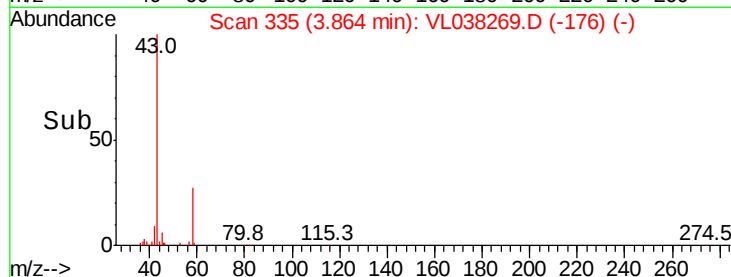
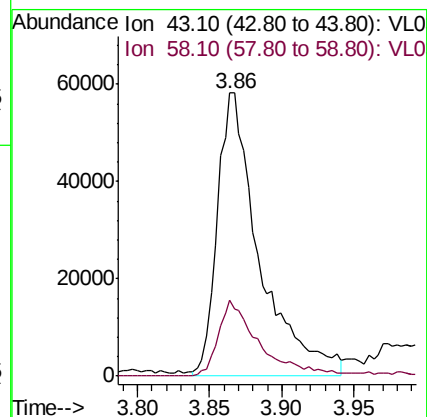
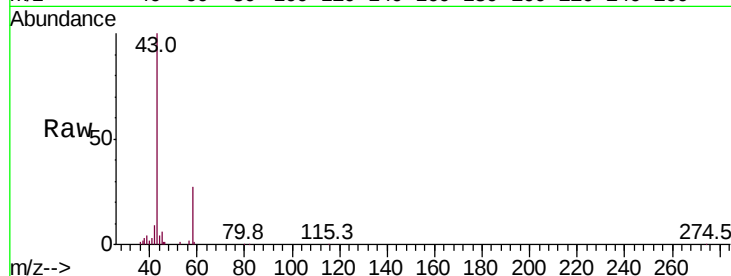
Supervised By :Mahesh Dadoda 01/26/2022

Tot Ion:

Ion Ratio

43 100

58 26.



#19

Isopropyl Alcohol

Concen: 1.208 ppbv m

RT: 3.98 min Scan# 372

Delta R.T. 0.01 min

Lab File: VL038269.D

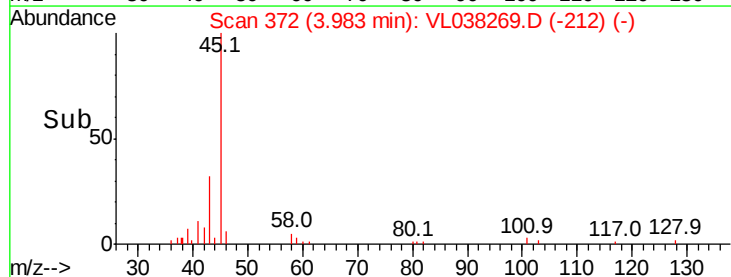
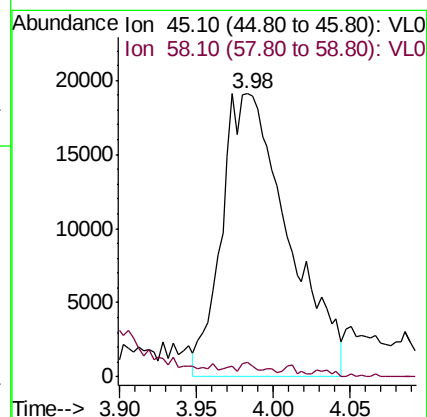
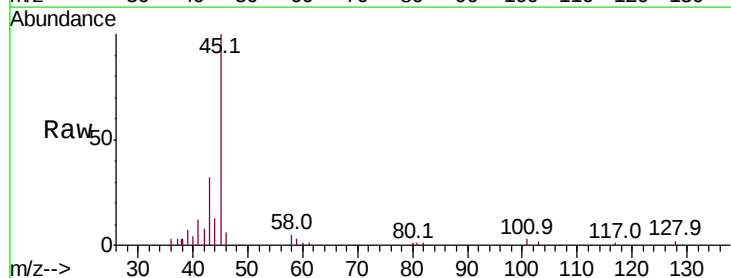
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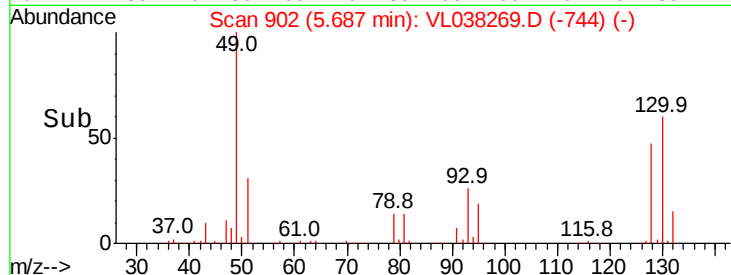
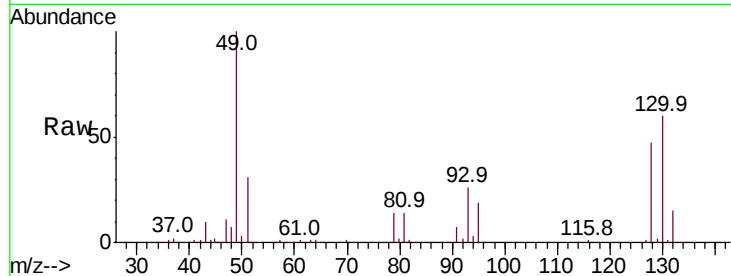
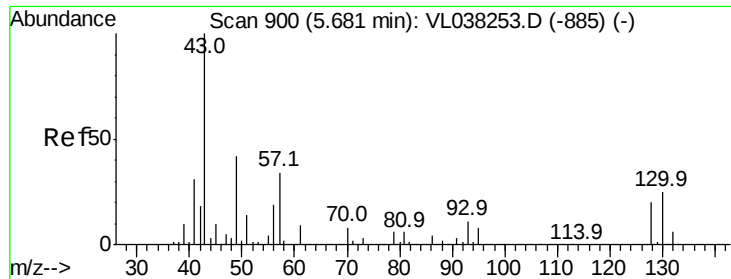
Tgt Ion: 45 Resp: 57306

Ion Ratio Lower Upper

45 100

58 2.4 2.3 3.5



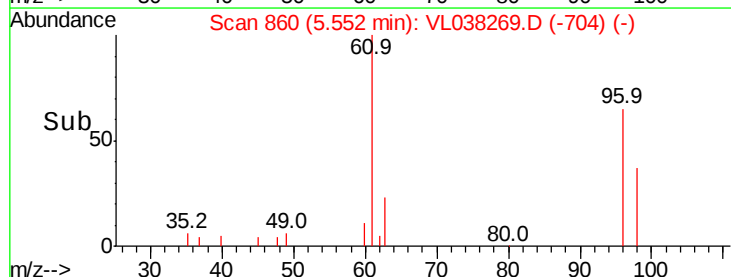
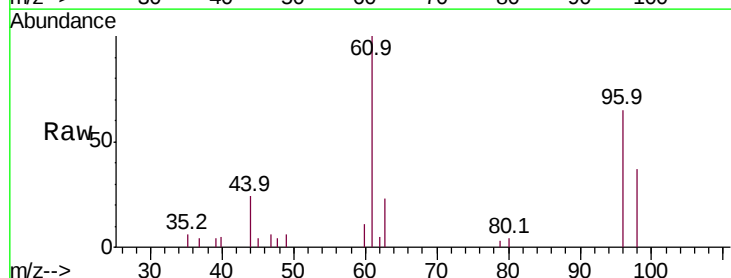
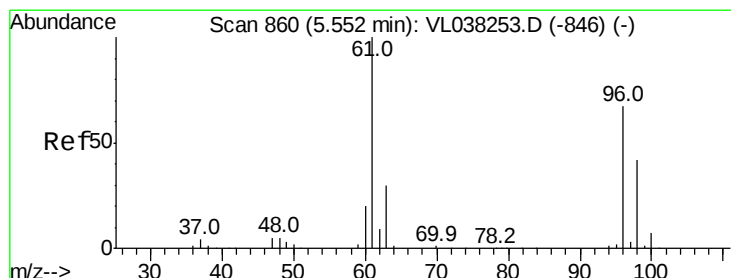
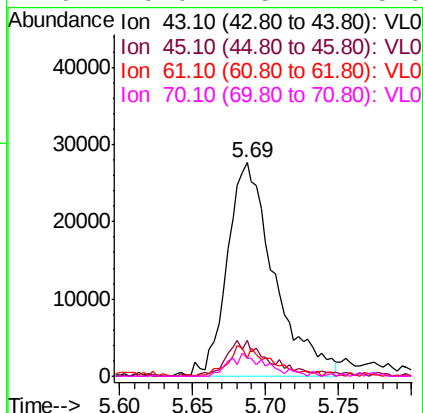


#25
Ethyl Acetate
Concen: 0.292 ppbv m
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 21:07

Tot Ion:
Ion Ratio
43 100
45 16.
61 13.
70 9.0 5.4 8.0#

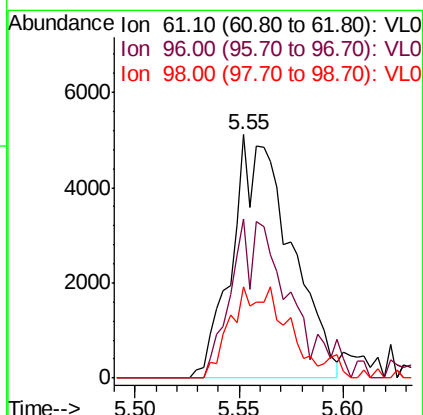
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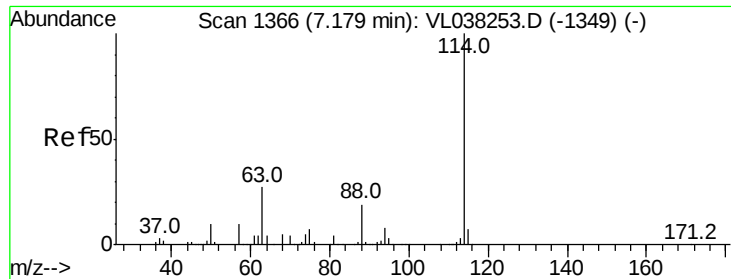
Reviewed By :Semsettin Yesilyurt 01/26/2022
Supervised By :Mahesh Dadoda 01/26/2022



#31
cis-1,2-Dichloroethene
Concen: 0.116 ppbv m
RT: 5.55 min Scan# 860
Delta R.T.: 0.00 min
Lab File: VL038269.D
Acq: 24 Jan 2022 21:07

Tgt Ion: 61 Resp: 10021
Ion Ratio Lower Upper
61 100
96 65.4 53.3 79.9
98 37.4 33.7 50.5



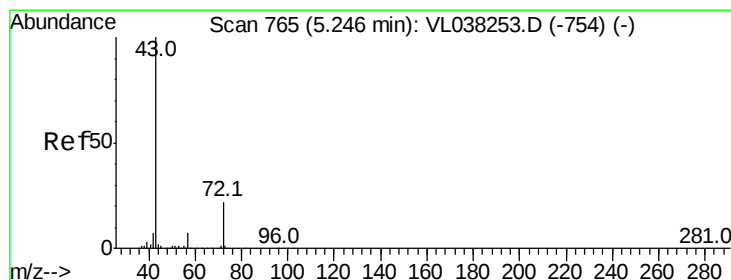
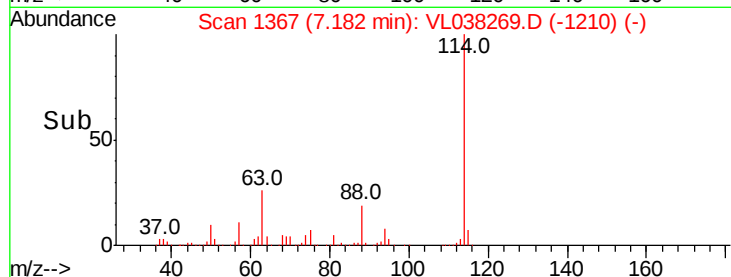
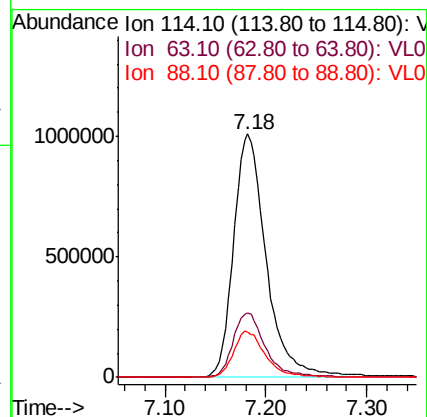
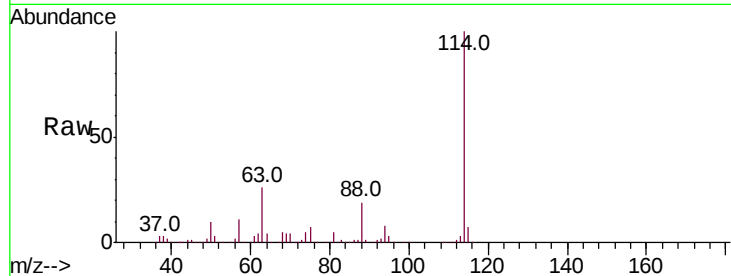


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SVE-INFLUENTDL
 Acq: 24 Jan 2022 21:07

Tot Ion:1
 Ion Rati
 114 100
 63 26.
 88 18.

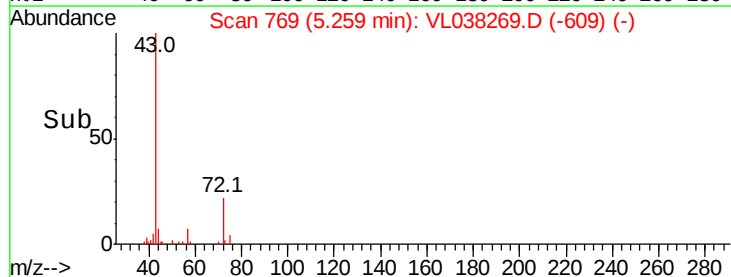
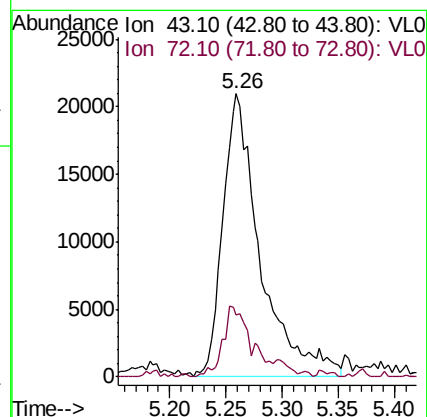
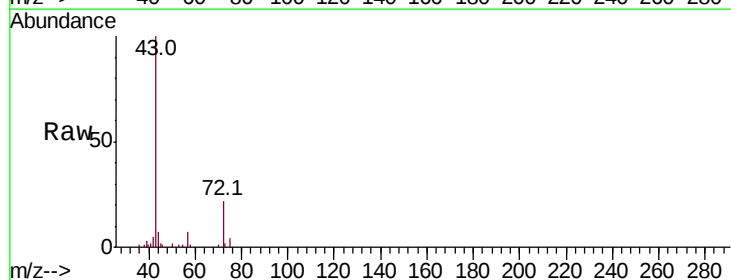
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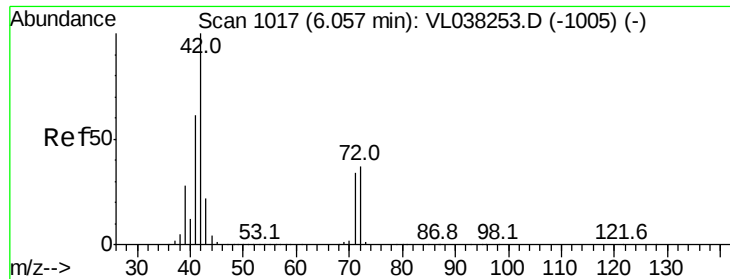
Reviewed By :Semsettin Yesilyurt 01/26/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#34
 2-Butanone
 Concen: 0.655 ppbv m
 RT: 5.26 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VL038269.D
 Acq: 24 Jan 2022 21:07

Tgt Ion: 43 Resp: 48637
 Ion Ratio Lower Upper
 43 100
 72 21.5 18.1 27.1





#41

Tetrahydrofuran

Concen: 1.609 ppbv m

RT: 6.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 21:07

Tot Ion:

Ion Ratio

42 100

72 36.

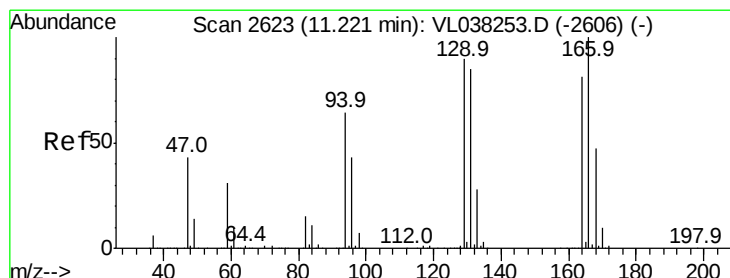
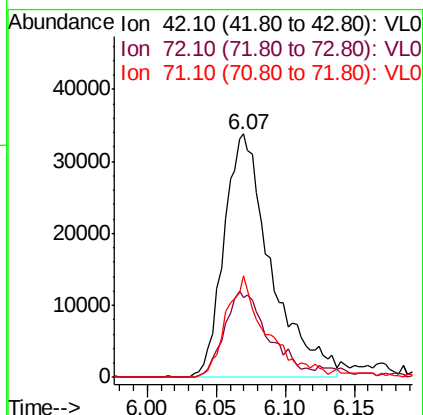
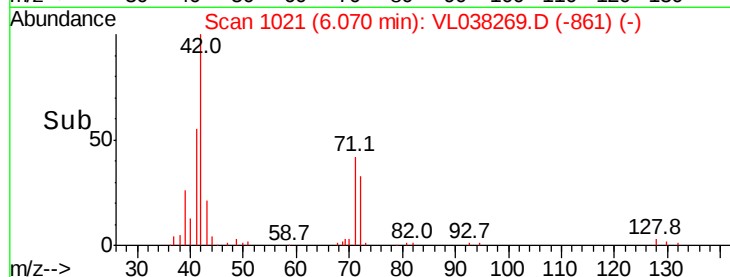
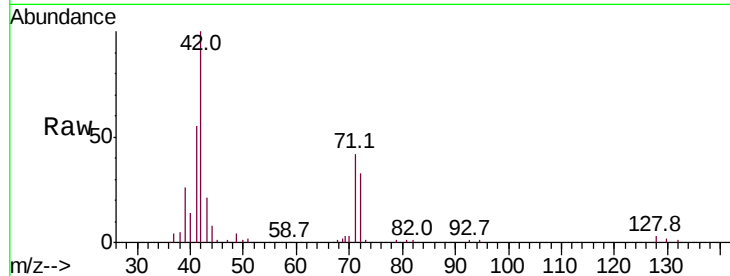
71 37.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2022

Supervised By :Mahesh Dadoda 01/26/2022



#52

Tetrachloroethene

Concen: 0.145 ppbv m

RT: 11.24 min Scan# 2628

Delta R.T. 0.02 min

Lab File: VL038269.D

Acq: 24 Jan 2022 21:07

Tgt Ion:164 Resp: 10011

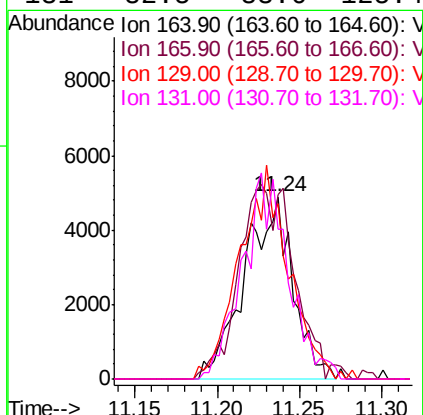
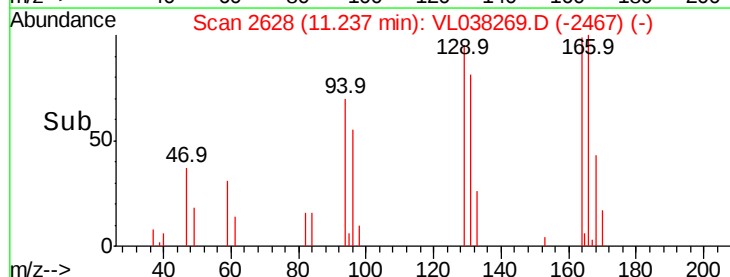
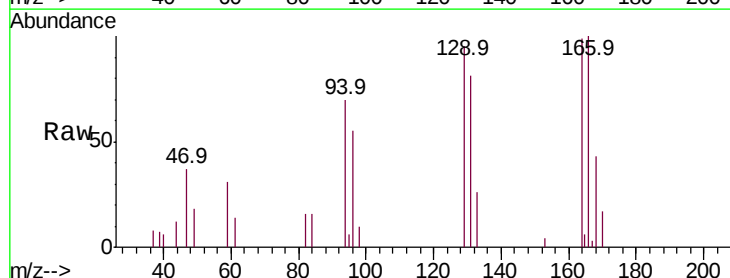
Ion Ratio Lower Upper

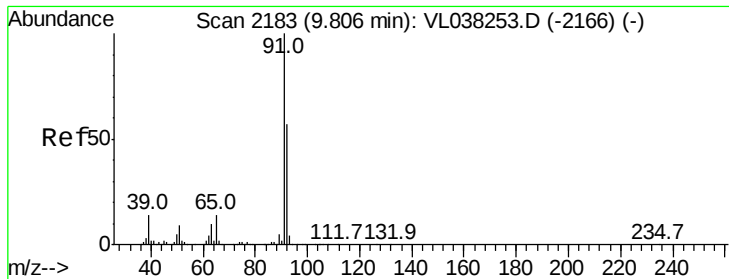
164 100

166 101.3 98.8 148.2

129 96.3 89.2 133.8

131 82.5 83.6 125.4#





#53

Toluene

Concen: 2.253 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 21:07 SVE-INFLUENTDL

Tot Ion:

Ion Ratio

91 100

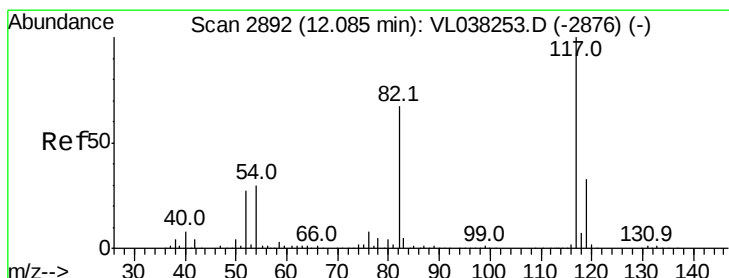
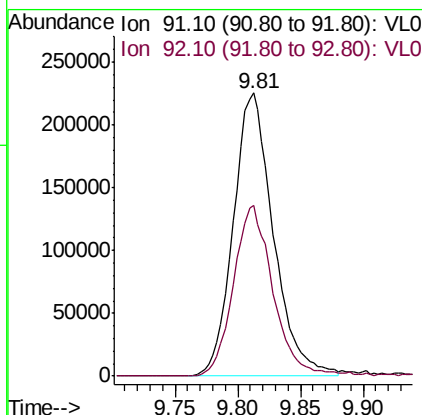
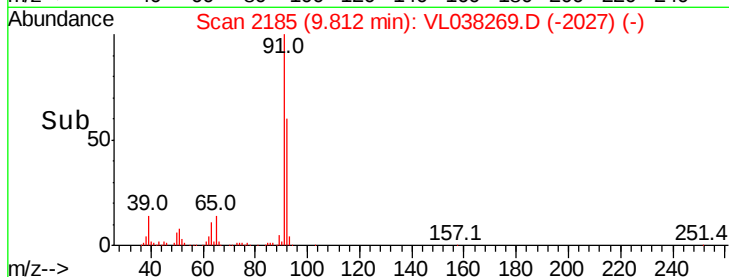
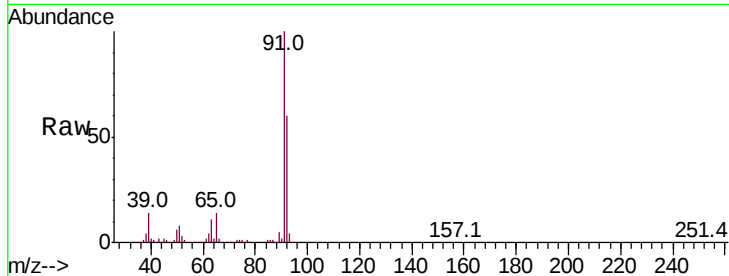
92 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2022

Supervised By :Mahesh Dadoda 01/26/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. 0.01 min

Lab File: VL038269.D

Acq: 24 Jan 2022 21:07

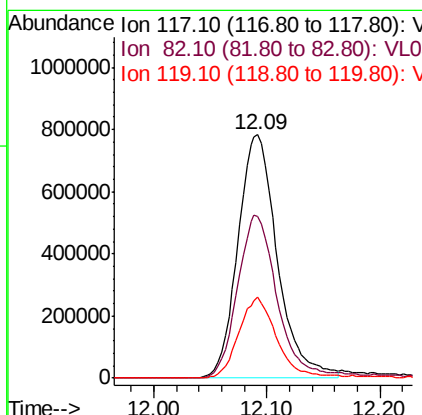
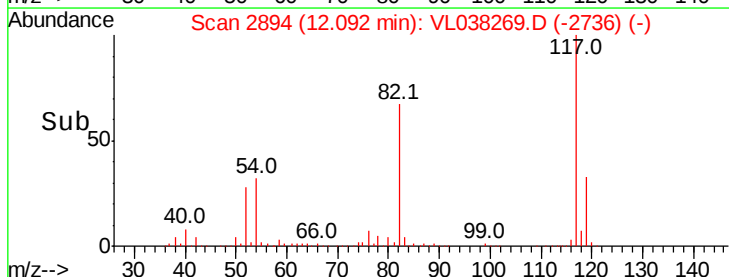
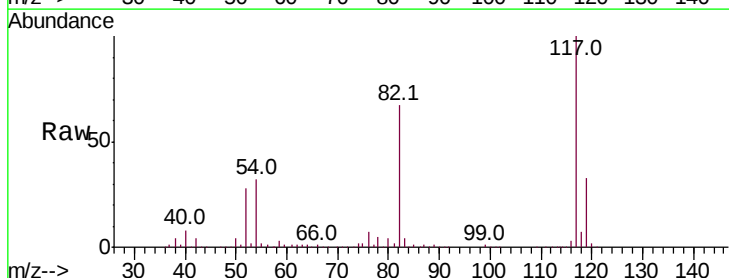
Tgt Ion:117 Resp: 1904301

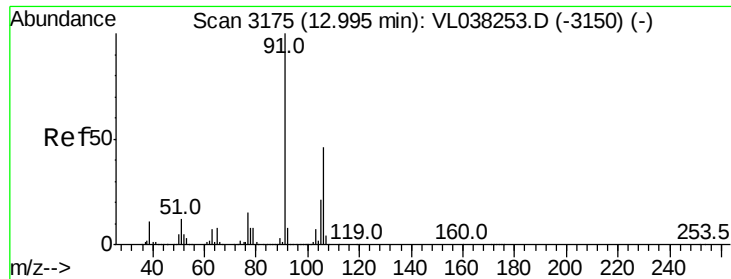
Ion Ratio Lower Upper

117 100

82 70.2 54.4 81.6

119 32.7 45.9 68.9#



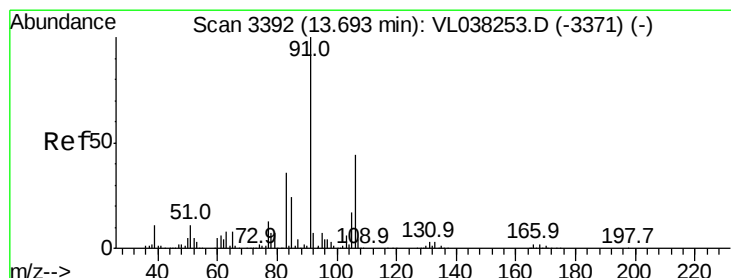
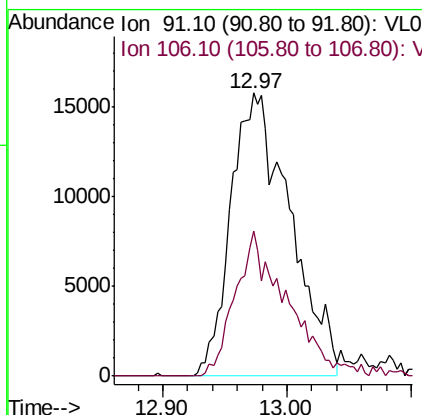
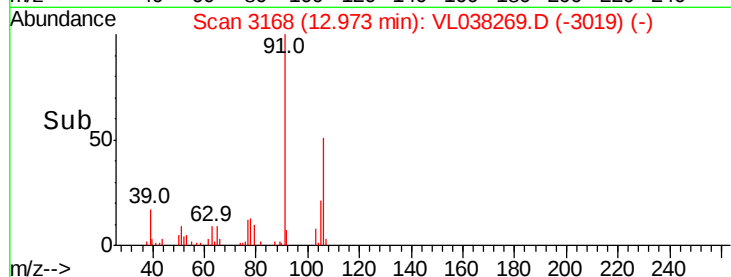
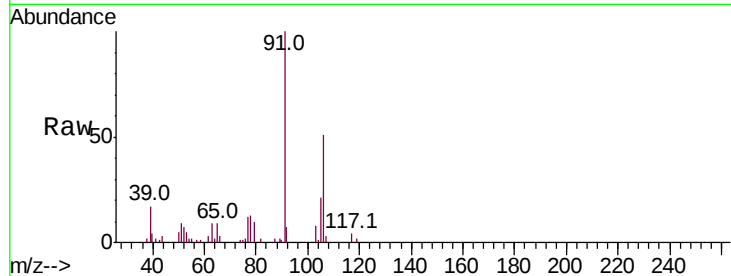


#59
m/p-Xylene
Concen: 0.219 ppbv m
RT: 12.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SVE-INFLUENTDL
Acq: 24 Jan 2022 21:07

Tot Ion:
Ion Ratio
91 100
106 0.

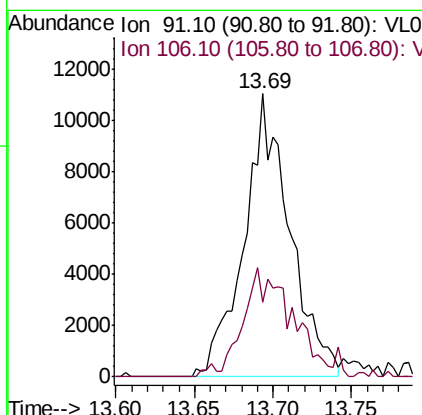
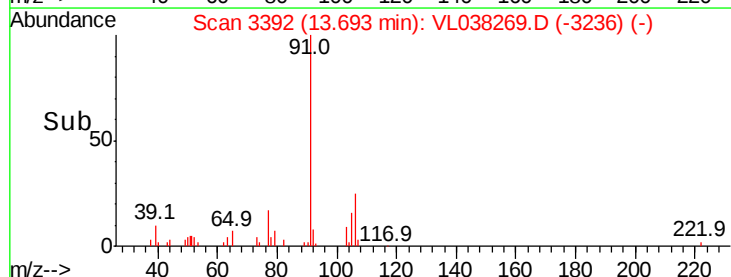
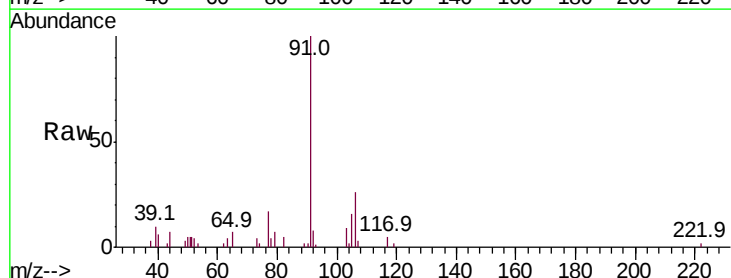
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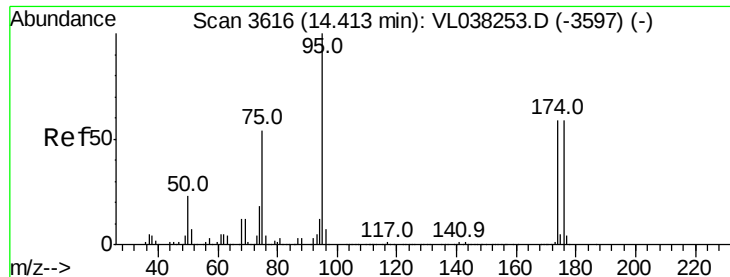
Reviewed By :Semsettin Yesilyurt 01/26/2022
Supervised By :Mahesh Dadoda 01/26/2022



#60
o-Xylene
Concen: 0.100 ppbv m
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL038269.D
Acq: 24 Jan 2022 21:07

Tgt Ion: 91 Resp: 22301
Ion Ratio Lower Upper
91 100
106 0.0 22.2 66.6#



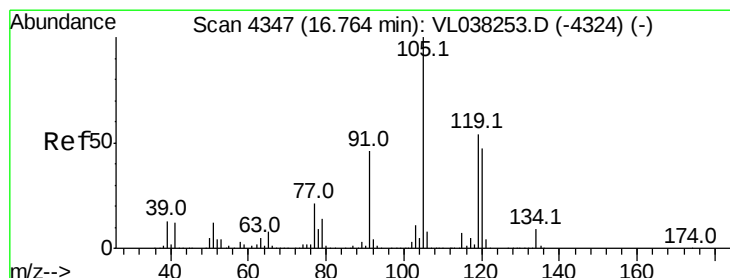
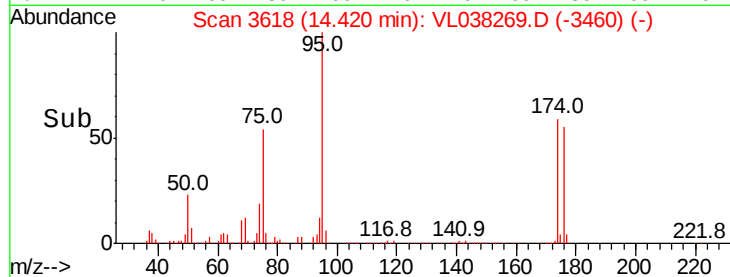
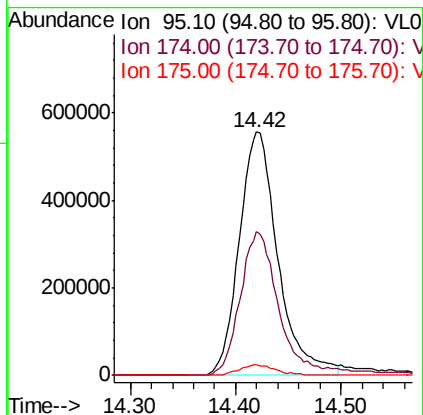
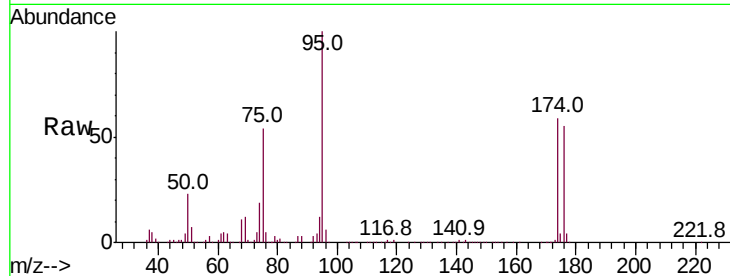


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.837 ppbv
 RT: 14.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 21:07

Tot Ion:
 Ion Ratio
 95 100
 174 62.
 175 4.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/26/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.110 ppbv m
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.00 min
 Lab File: VL038269.D
 Acq: 24 Jan 2022 21:07

Tgt Ion:105 Resp: 24295
 Ion Ratio Lower Upper
 105 100
 120 39.0 37.2 55.8
 91 10.5 36.6 55.0#
 77 16.0 16.9 25.3#

