

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038267.D
 Acq On : 24 Jan 2022 19:49
 Operator : SY/AP
 Sample : N1211-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SVE-EFFLUENTDL

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 22:56:20 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	811277	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2227663	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1891953	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1405560	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	121739	21.570	ppbv	89
15) Acetone	3.86	43	283089	3.958	ppbv	96
19) Isopropyl Alcohol	4.00	45	26047m	0.582	ppbv	
20) Methylene Chloride	4.36	84	20381	0.490	ppbv	90
25) Ethyl Acetate	5.69	43	20905m	0.104	ppbv	
26) Hexane	5.70	57	9796	0.105	ppbv #	86
30) Cyclohexane	7.14	84	10024m	0.124	ppbv	
34) 2-Butanone	5.27	43	11756m	0.161	ppbv	
41) Tetrahydrofuran	6.09	42	6010m	0.123	ppbv	
53) Toluene	9.81	91	162320	0.744	ppbv	100
59) m/p-Xylene	12.97	91	25686m	0.108	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 : N1211-02DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDL

Manual Integrations
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Quant Time: Jan 24 22:56:20 2022

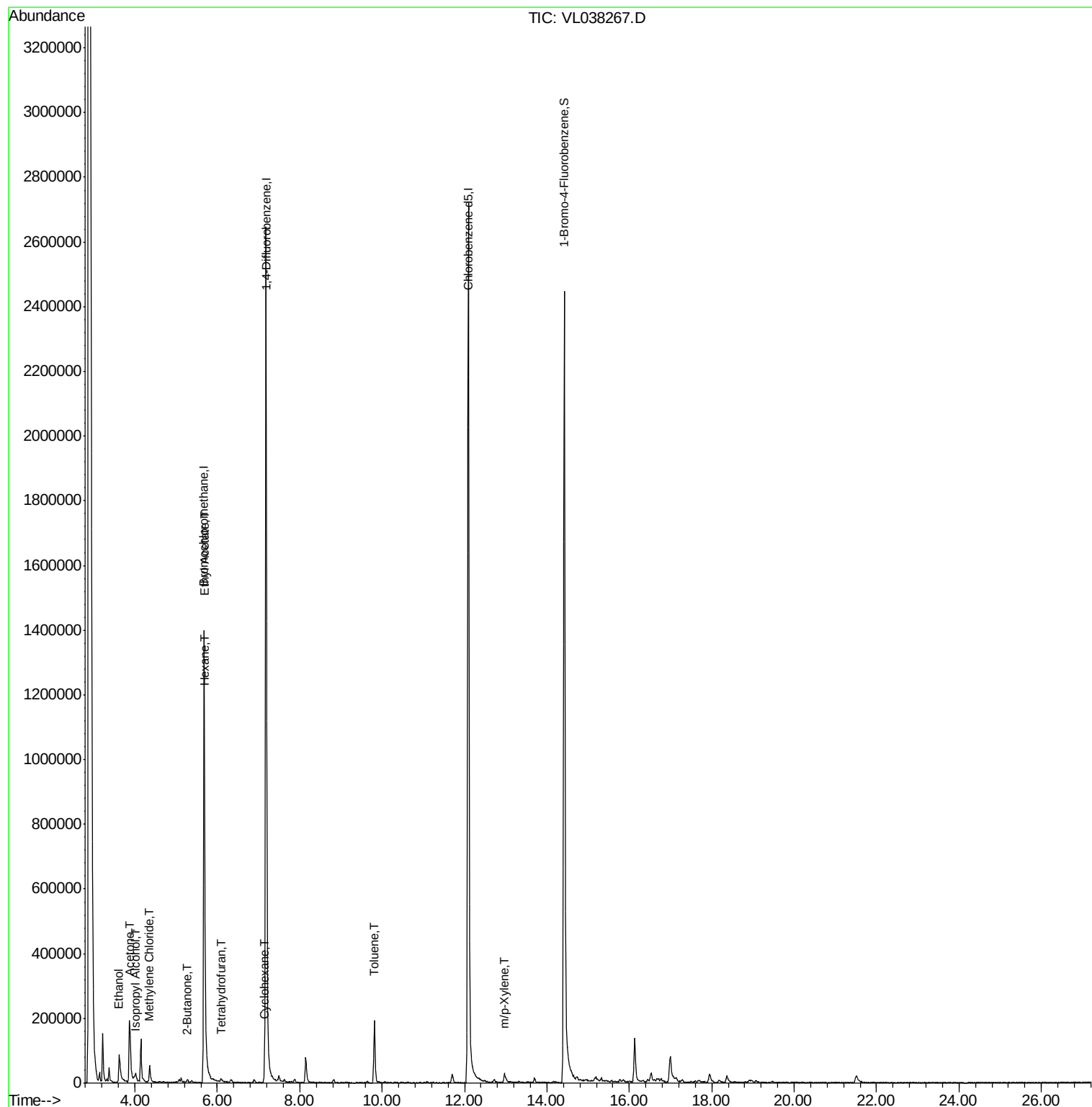
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL012422

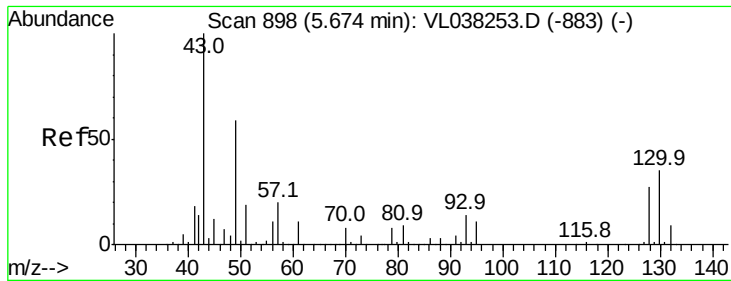
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 19:49

Tot Ion:

Ion Ratio

49 100

128 48.

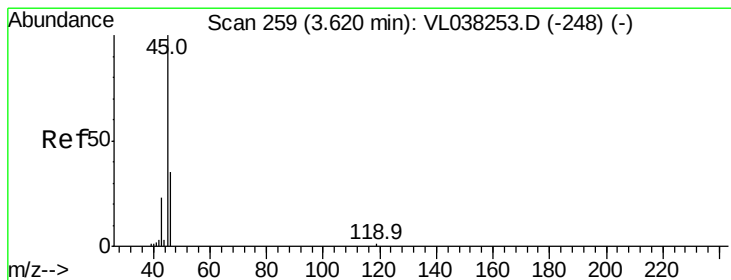
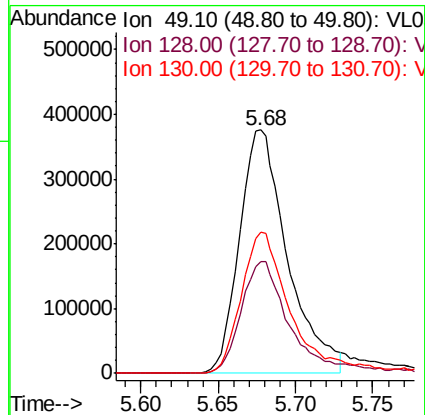
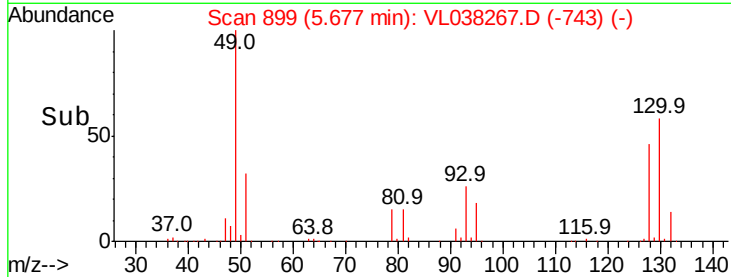
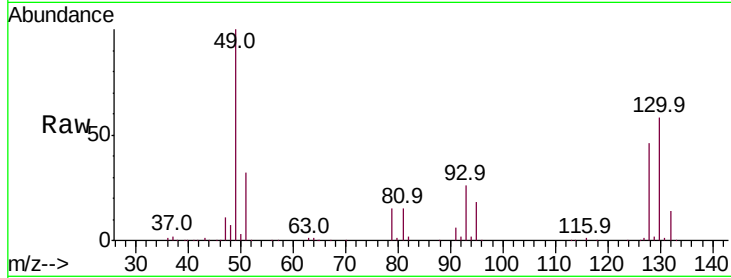
130 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2022

Supervised By :Mahesh Dadoda 01/26/2022



#13

Ethanol

Concen: 21.570 ppbv

RT: 3.62 min Scan# 258

Delta R.T. -0.00 min

Lab File: VL038267.D

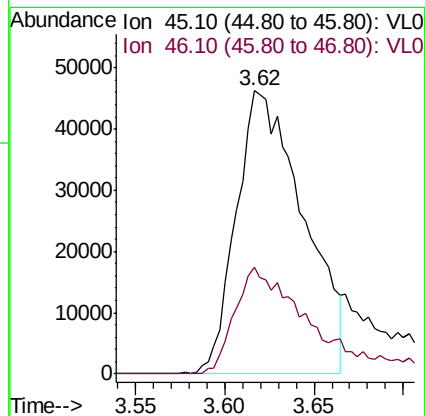
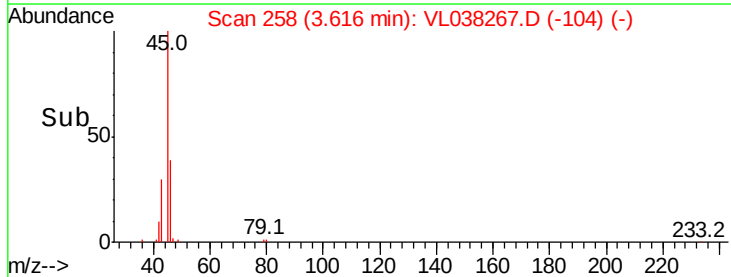
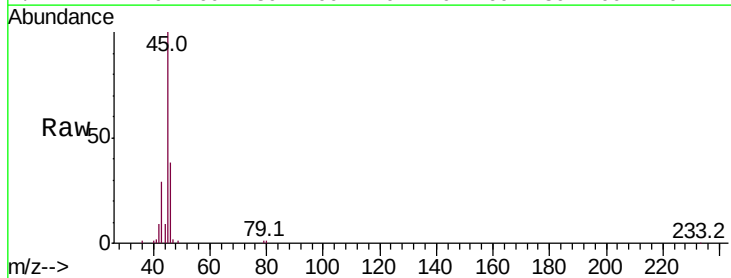
Acq: 24 Jan 2022 19:49

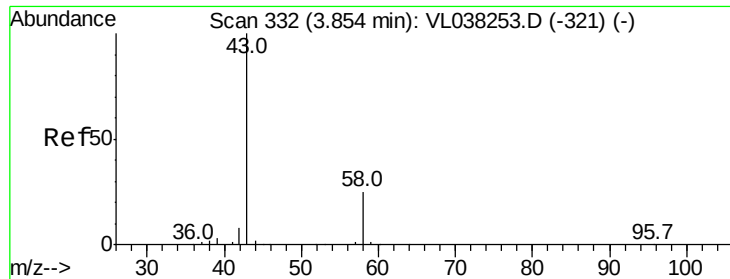
Tgt Ion: 45 Resp: 121739

Ion Ratio Lower Upper

45 100

46 45.3 15.4 61.6



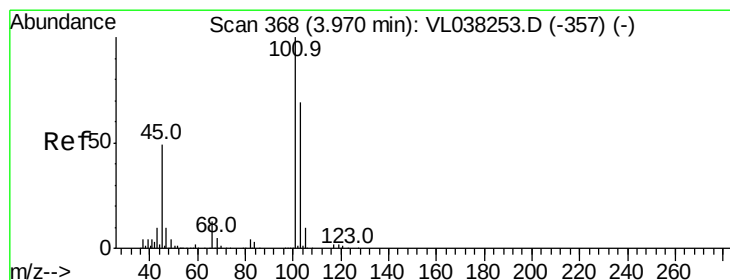
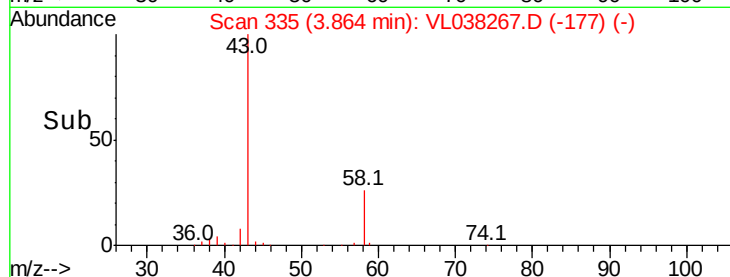
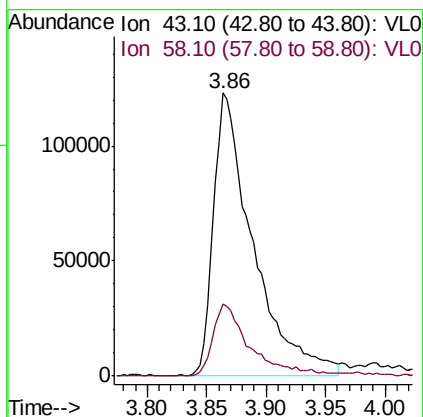
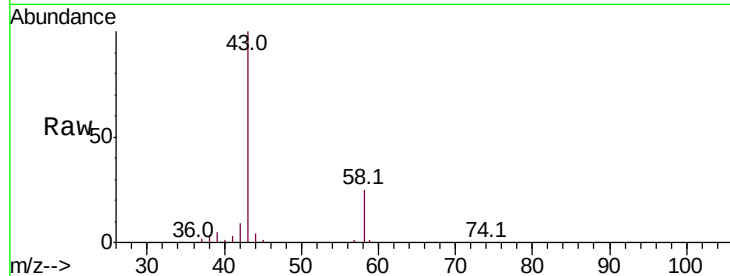


#15
Acetone
Concen: 3.958 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 19:49 SVE-EFFLUENTDL

Tot Ion:
Ion Ratio
43 100
58 24.

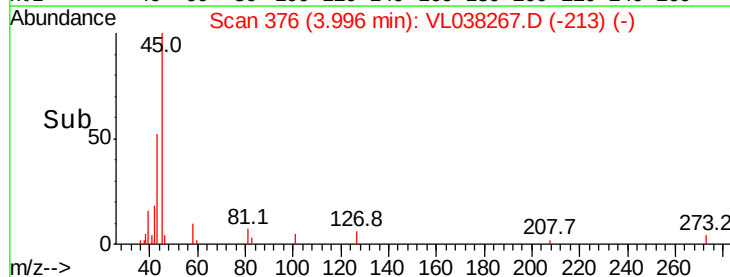
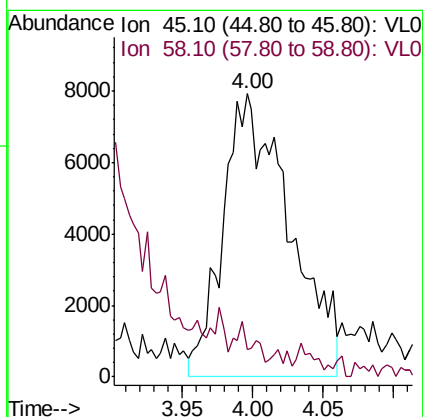
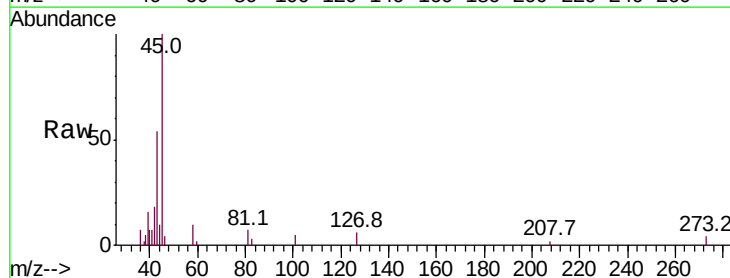
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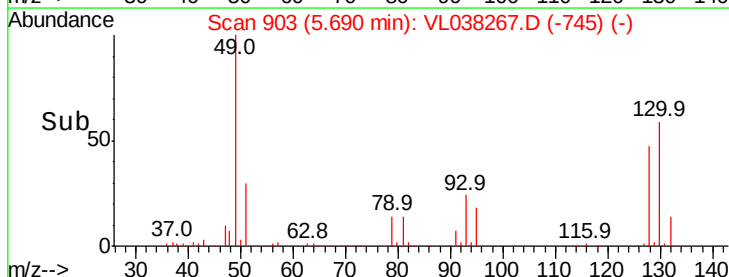
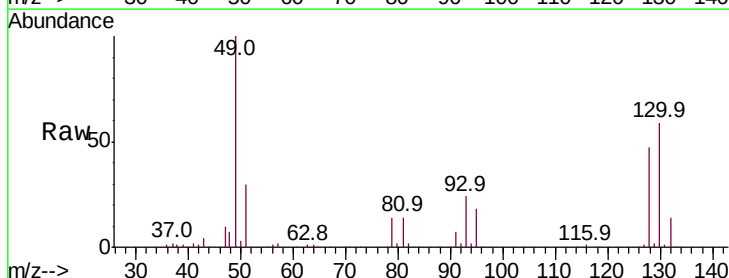
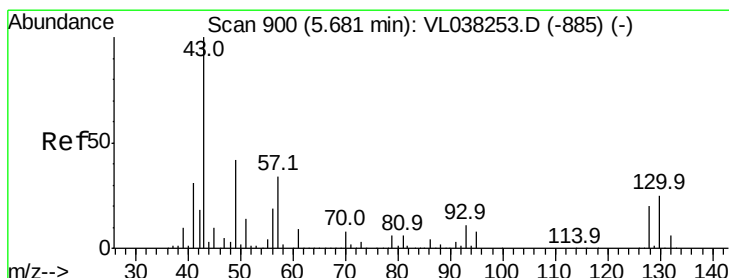
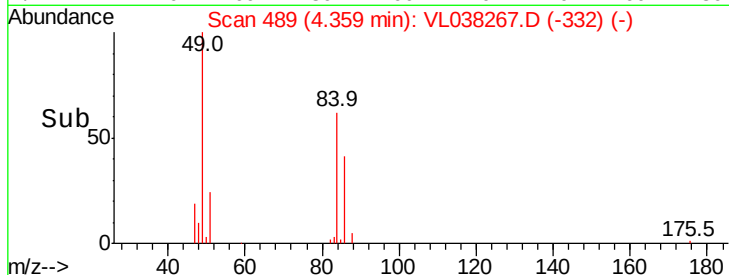
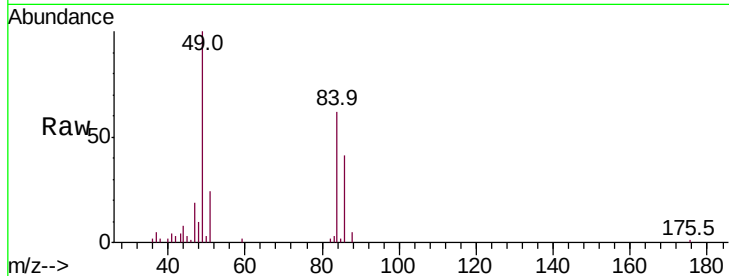
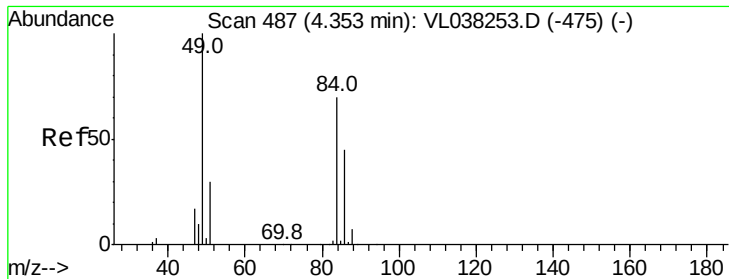
Reviewed By :Semsettin Yesilyurt 01/26/2022
Supervised By :Mahesh Dadoda 01/26/2022



#19
Isopropyl Alcohol
Concen: 0.582 ppbv m
RT: 4.00 min Scan# 376
Delta R.T. 0.03 min
Lab File: VL038267.D
Acq: 24 Jan 2022 19:49

Tgt Ion: 45 Resp: 26047
Ion Ratio Lower Upper
45 100
58 0.0 2.3 3.5#



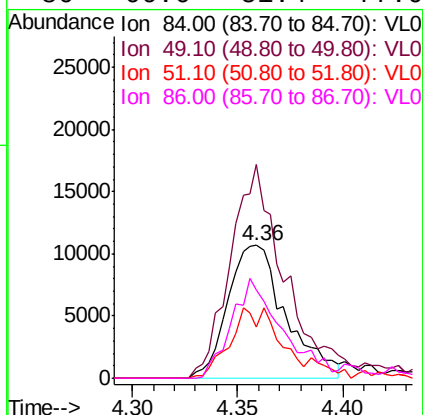


#20
Methvlene Chloride
Concen: 0.490 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 19:49 SVE-EFFLUENTDL

Tot Ion:
Ion Ratio
84 100
49 161.
51 39.
86 66.6 51.4 77.0

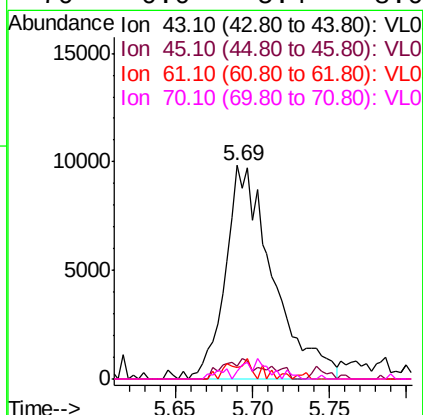
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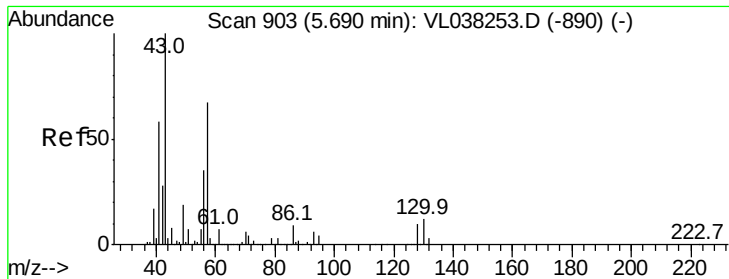
Reviewed By :Semsettin Yesilyurt 01/26/2022
Supervised By :Mahesh Dadoda 01/26/2022



#25
Ethyl Acetate
Concen: 0.104 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL038267.D
Acq: 24 Jan 2022 19:49

Tgt Ion: 43 Resp: 20905
Ion Ratio Lower Upper
43 100
45 8.4 7.9 11.9
61 4.2 7.8 11.8#
70 0.0 5.4 8.0#



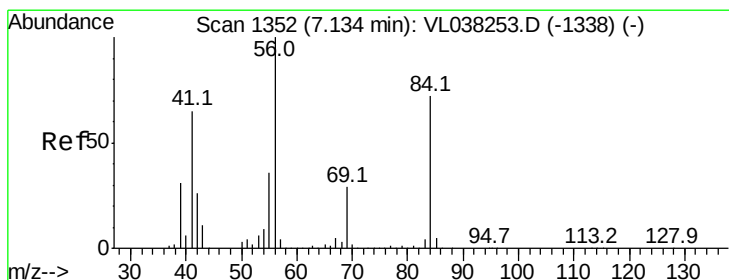
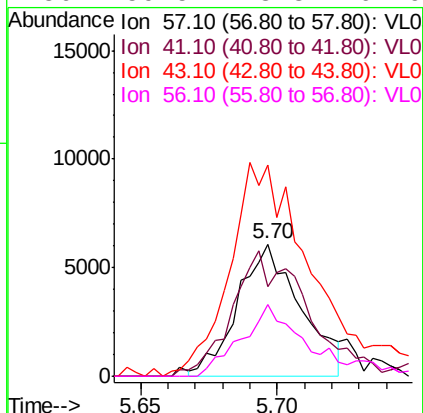
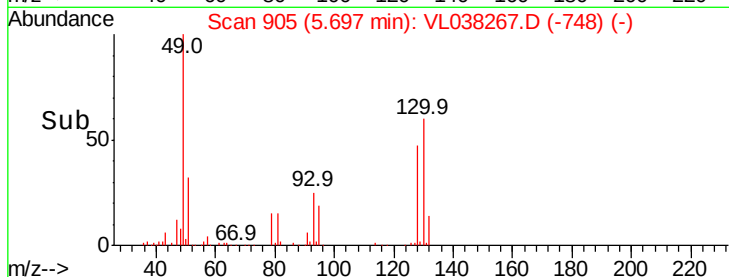
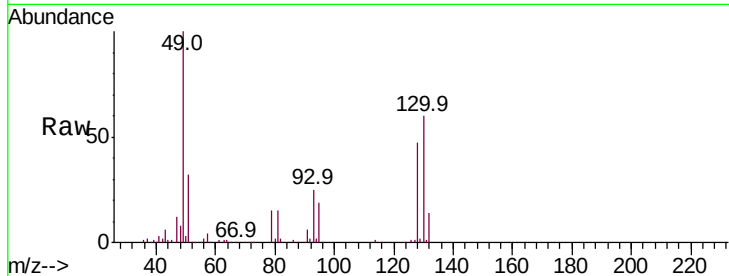


#26
Hexane
Concen: 0.105 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 19:49 SVE-EFFLUENTDL

Tot Ion:
Ion Ratio
57 100
41 123.
43 234.
56 59.5 43.3 64.9

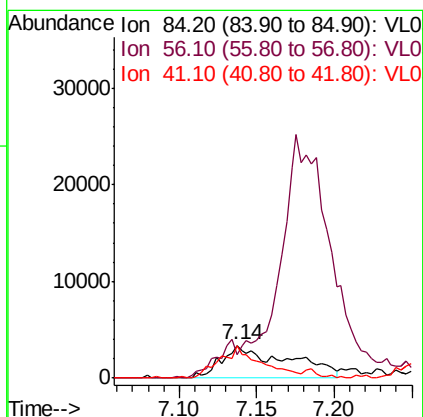
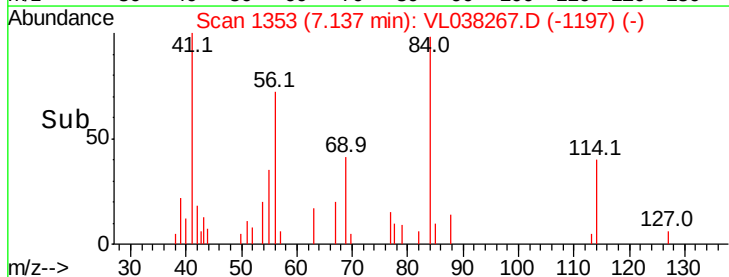
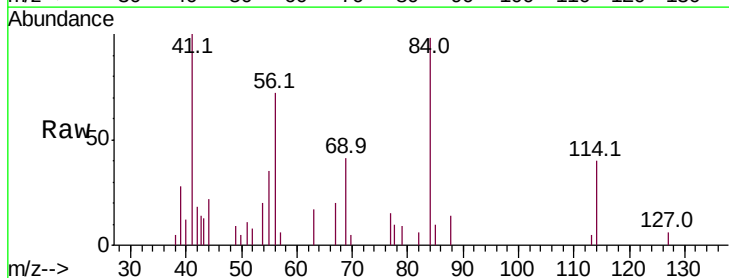
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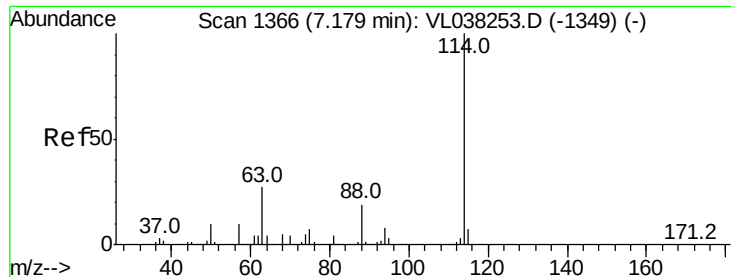
Reviewed By :Semsettin Yesilyurt 01/26/2022
Supervised By :Mahesh Dadoda 01/26/2022



#30
Cyclohexane
Concen: 0.124 ppbv m
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL038267.D
Acq: 24 Jan 2022 19:49

Tgt Ion: 84 Resp: 10024
Ion Ratio Lower Upper
84 100
56 0.0 112.7 169.1#
41 67.7 71.1 106.7#



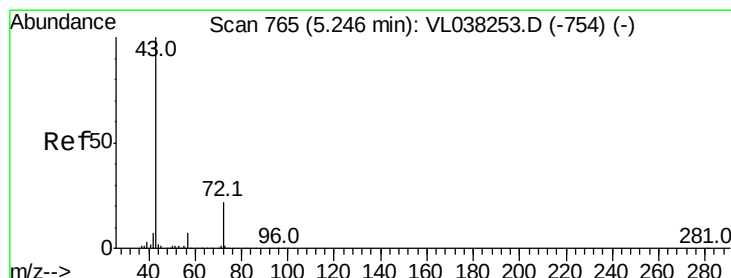
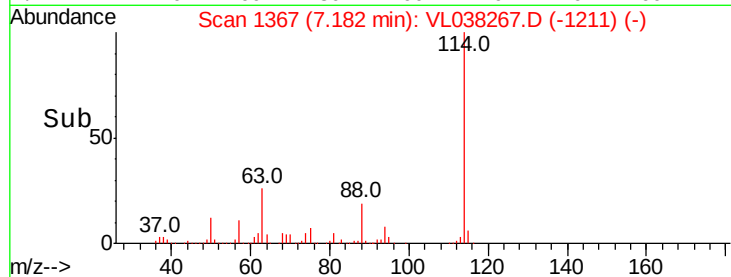
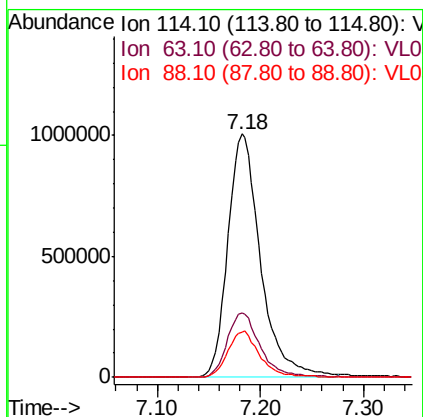
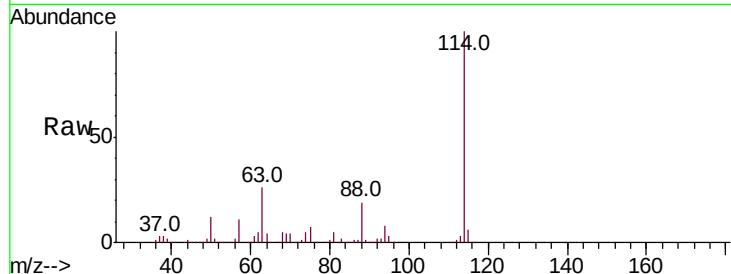


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 SVE-EFFLUENTDL
 Acq: 24 Jan 2022 19:49

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

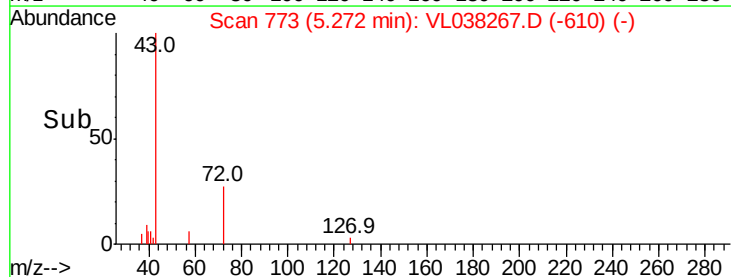
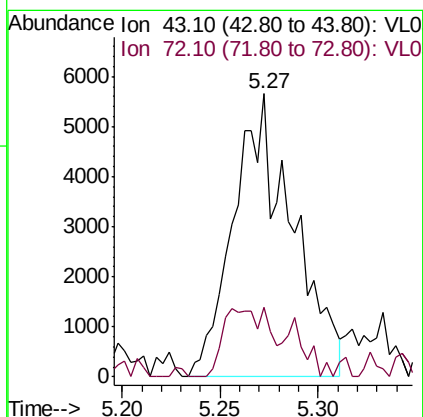
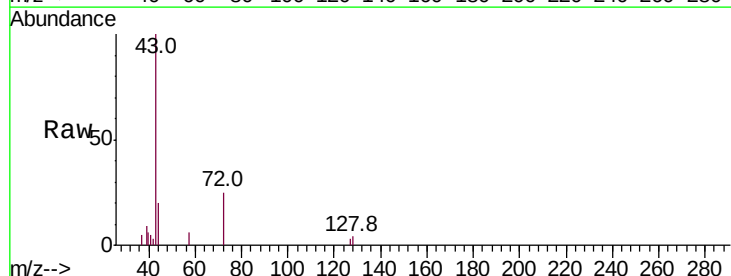
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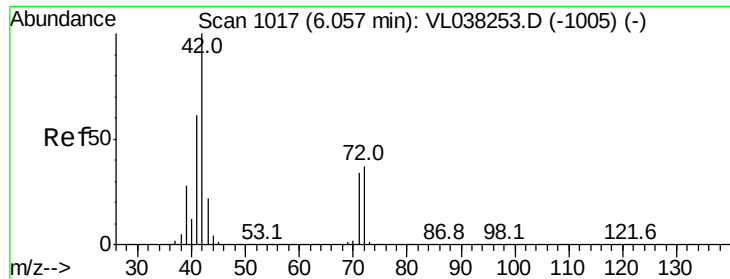
Reviewed By :Semsettin Yesilyurt 01/26/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#34
 2-Butanone
 Concen: 0.161 ppbv m
 RT: 5.27 min Scan# 773
 Delta R.T. 0.03 min
 Lab File: VL038267.D
 Acq: 24 Jan 2022 19:49

Tgt Ion: 43 Resp: 11756
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.1 27.1#





#41

Tetrahydrofuran

Concen: 0.123 ppbv m

RT: 6.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 19:49 SVE-EFFLUENTDL

Tot Ion:

Ion Ratio

42 100

72 0.

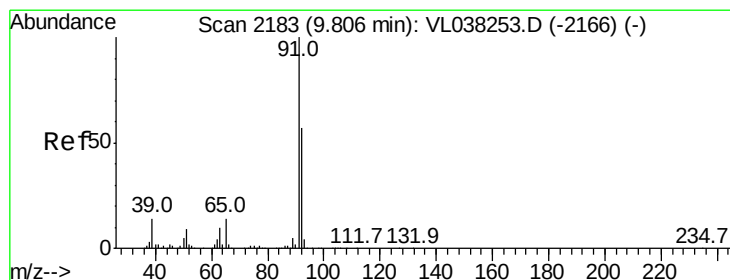
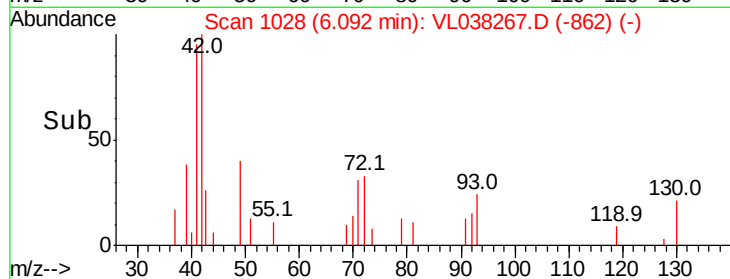
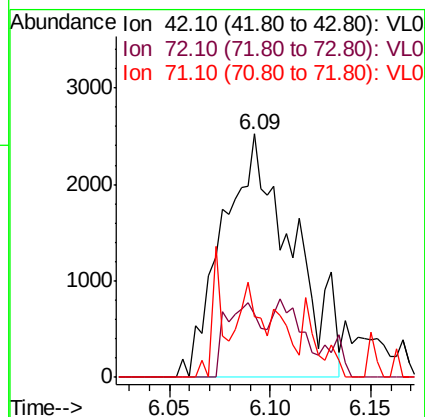
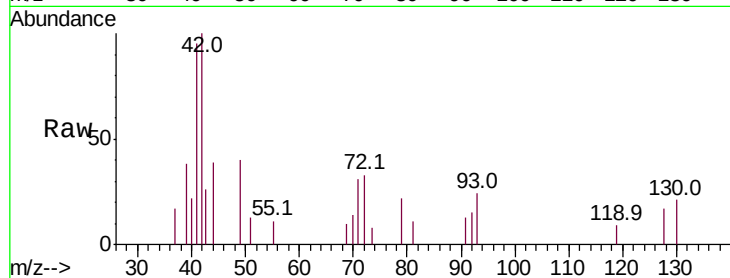
71 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/26/2022

Supervised By :Mahesh Dadoda 01/26/2022



#53

Toluene

Concen: 0.744 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.01 min

Lab File: VL038267.D

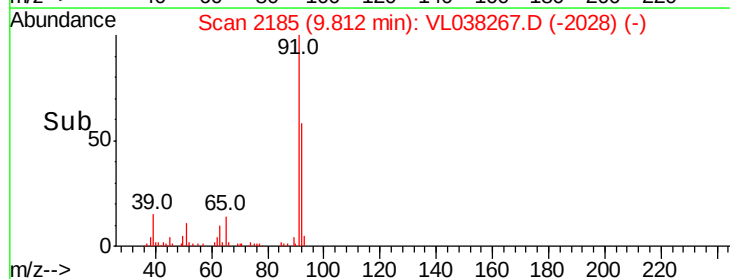
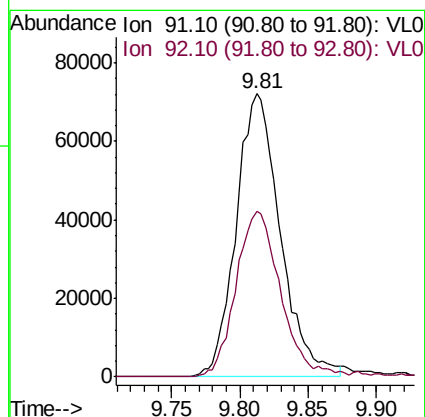
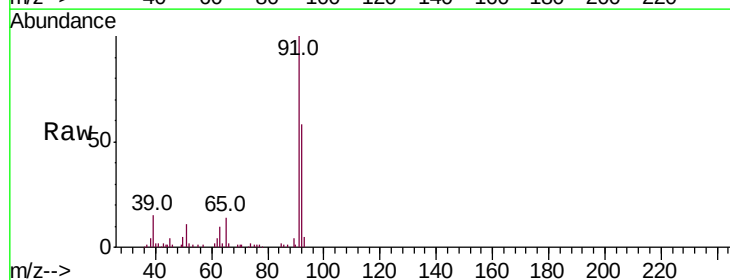
Acq: 24 Jan 2022 19:49

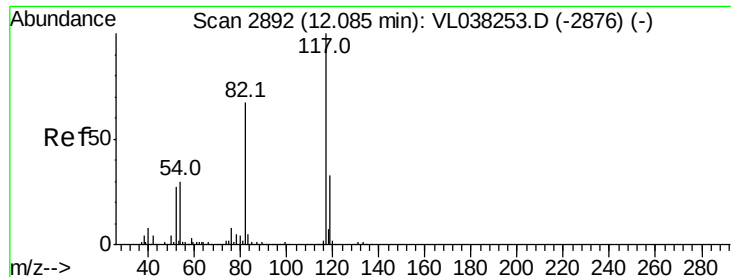
Tgt Ion: 91 Resp: 162320

Ion Ratio Lower Upper

91 100

92 58.9 47.4 71.0



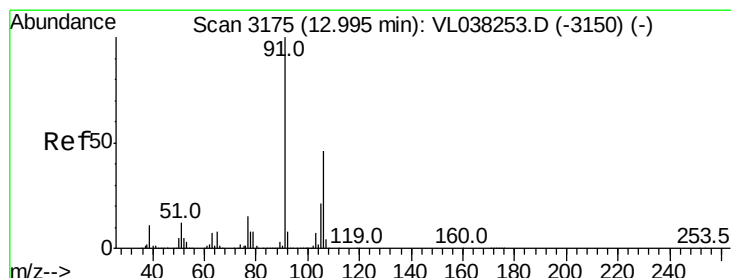
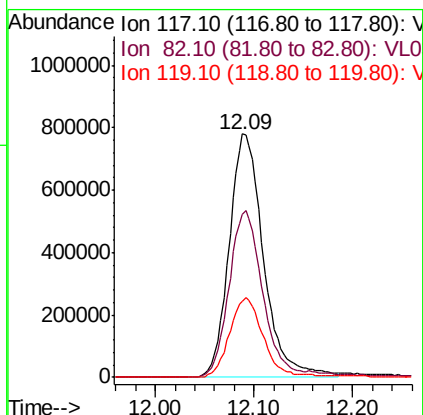
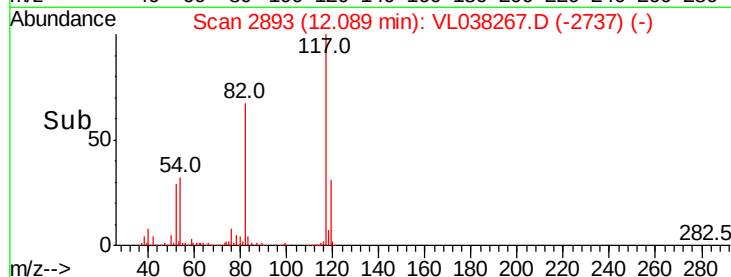
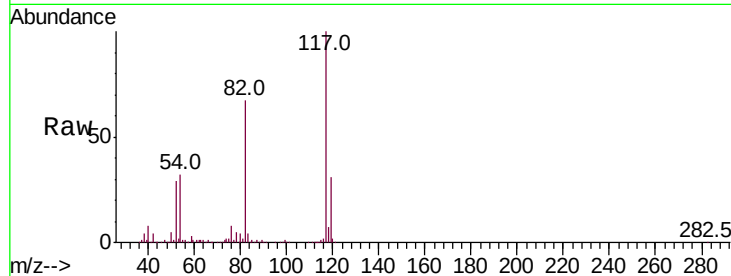


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SVE-EFFLUENTDL
Acq: 24 Jan 2022 19:49

Tot Ion: 1
Ion Ratio
117 100
82 70.
119 32.

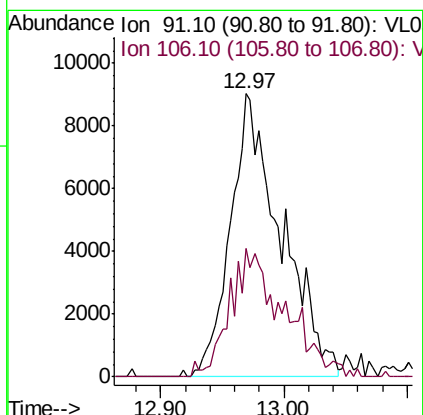
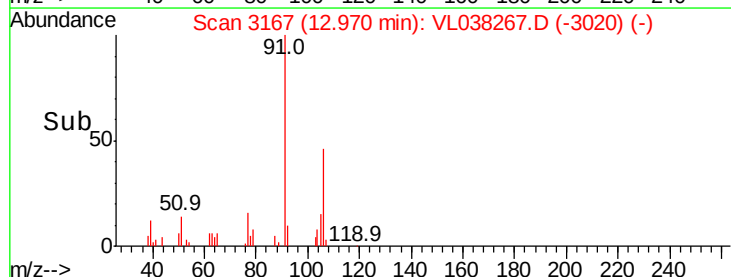
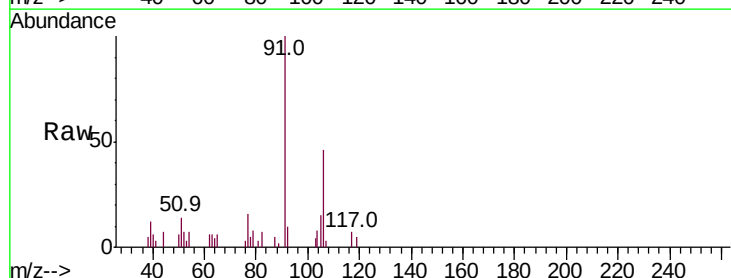
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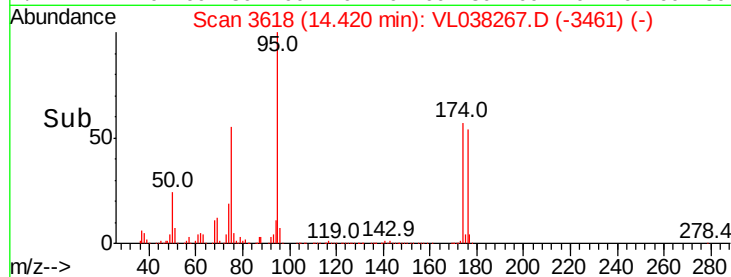
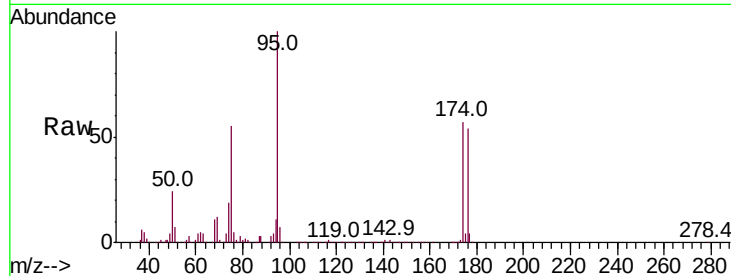
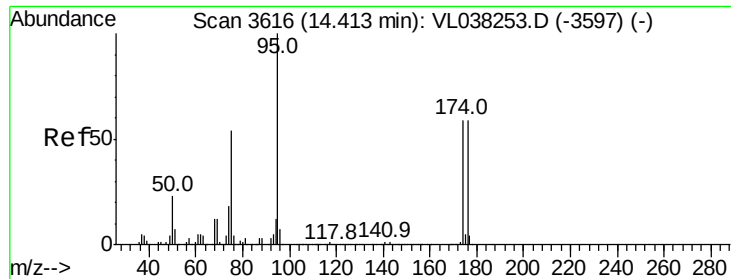
Reviewed By : Semsettin Yesilyurt 01/26/2022
Supervised By : Mahesh Dadoda 01/26/2022



#59
m/p-Xylene
Concen: 0.108 ppbv m
RT: 12.97 min Scan# 3167
Delta R.T.: -0.03 min
Lab File: VL038267.D
Acq: 24 Jan 2022 19:49

Tgt Ion: 91 Resp: 25686
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.788 ppbv

RT: 14.42

Delta R.T: MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 19:49

Tot Ion:

Ion Ratio

95 100

174 60.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2022

Supervised By :Mahesh Dadoda 01/26/2022

