

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021646.D
 Acq On : 25 Dec 2021 15:20
 Operator : SY/VA
 Sample : M5174-12RE
 Misc : 6.71g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC21RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021
 Supervised By :Mahesh Dadoda 01/02/2022

Quant Time: Dec 27 00:41:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	54989	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	35052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	10011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	17541	17.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.040%		
7) Chloroethane-d5	2.879	69	12592	19.019	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.080%		
11) 1,1-Dichloroethene-d2	4.013	63	20064	15.027	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.120%		
21) 2-Butanone-d5	7.086	46	15226	107.855	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	215.720%#		
24) Chloroform-d	7.653	84	36553	23.853	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.400%		
26) 1,2-Dichloroethane-d4	8.305	65	24202	29.691	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	118.760%		
32) Benzene-d6	8.275	84	62756	32.663	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	130.640%		
36) 1,2-Dichloropropane-d6	9.275	67	19065	37.000	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	148.000%#		
41) Toluene-d8	10.323	98	44173	22.502	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.000%		
43) trans-1,3-Dichloroprop...	10.579	79	6736	28.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	113.560%		
47) 2-Hexanone-d5	10.927	63	10860	142.529	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	285.060%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	13453	30.371	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	121.480%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	7396	19.063	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.240%		
Target Compounds						
13) Acetone	4.154	43	1128	8.913	ug/L	65
17) trans-1,2-Dichloroethene	5.422	96	741m	1.004	ug/L	
20) cis-1,2-Dichloroethene	7.171	96	5211	6.694	ug/L	78
29) Cyclohexane	7.952	56	415	0.595	ug/L #	79
33) Benzene	8.330	78	2351	1.231	ug/L	100
35) Methylcyclohexane	9.342	83	699	0.791	ug/L #	85
42) Toluene	10.390	91	6473	2.899	ug/L	98
52) Ethylbenzene	11.731	91	5609	2.198	ug/L	97
53) m,p-Xylene	11.841	106	711	0.691	ug/L #	58
63) 1,2,4-Trimethylbenzene	13.243	105	640	0.560	ug/L	94

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

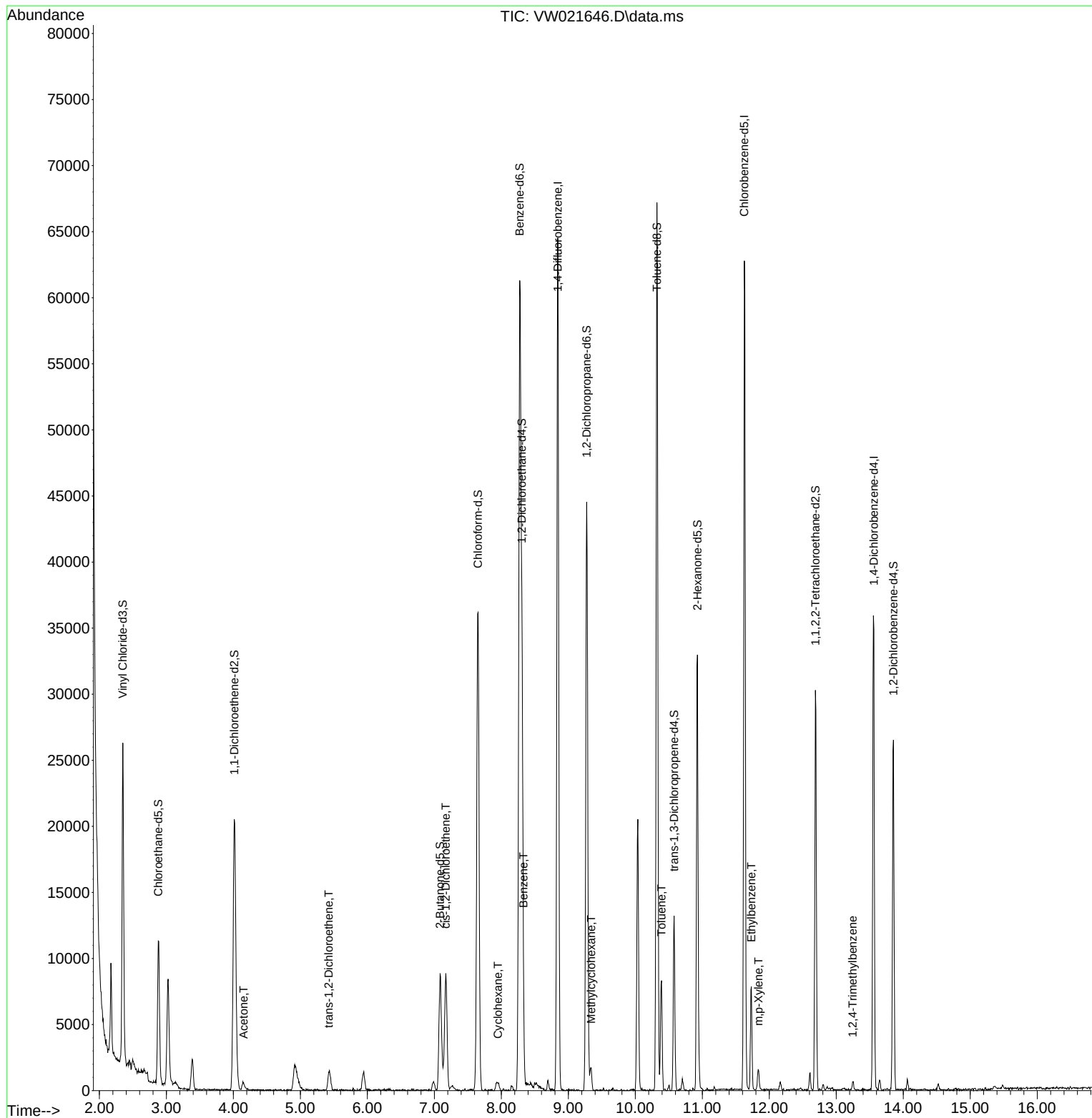
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
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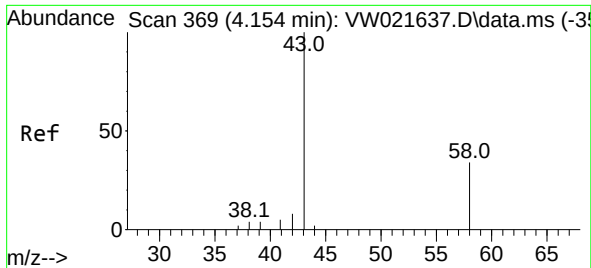
Instrument :
MSVOA_W
ClientSampleId :
GBC21RE

Quant Time: Dec 27 00:41:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

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#13

Acetone

Concen: 8.913 ug/L

RT: 4.154 min Scan# 369

Delta R.T. -0.006 min

Lab File: VW021646.D

Acq: 25 Dec 2021 15:20

Instrument :

MSVOA_W

ClientSampleId :

GBC21RE

Tgt Ion: 43 Resp: 1128

Ion Ratio Lower Upper

43 100

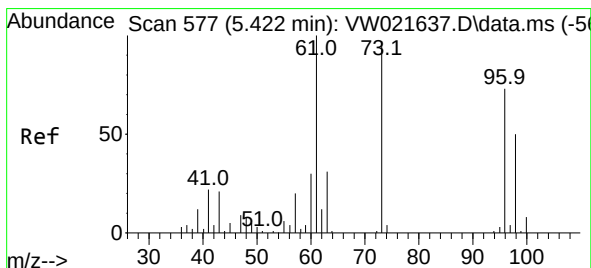
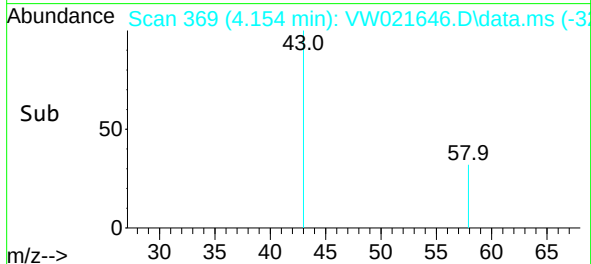
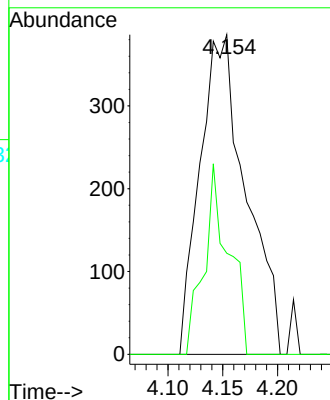
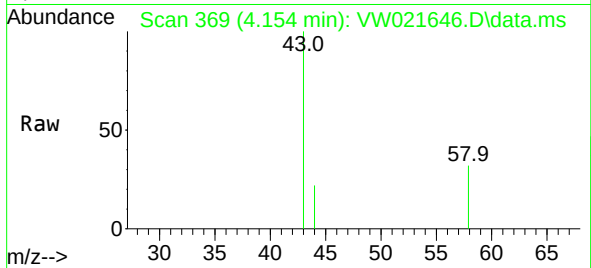
58 8.7 0.0 52.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/02/2022



#17

trans-1,2-Dichloroethene

Concen: 1.004 ug/L m

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW021646.D

Acq: 25 Dec 2021 15:20

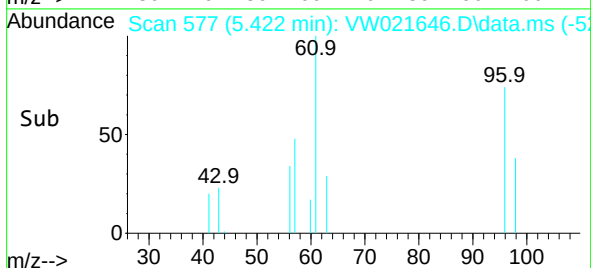
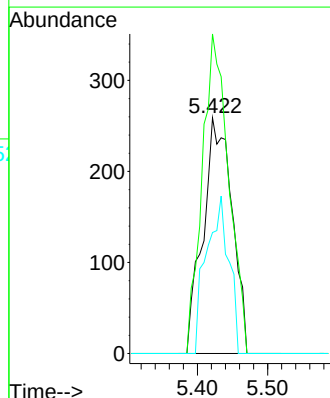
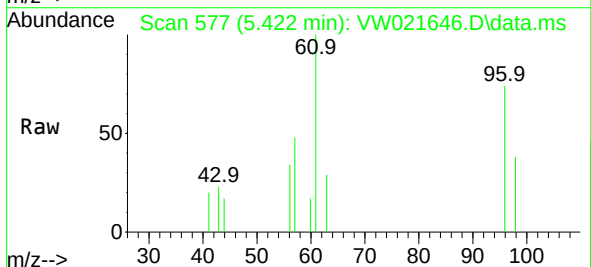
Tgt Ion: 96 Resp: 741

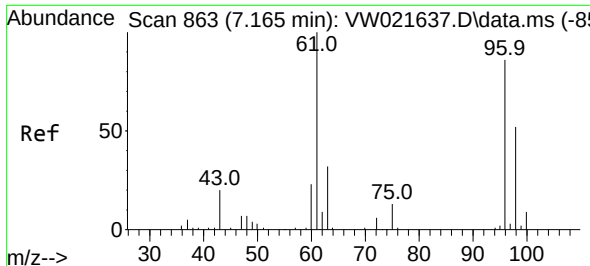
Ion Ratio Lower Upper

96 100

61 135.5 107.4 199.4

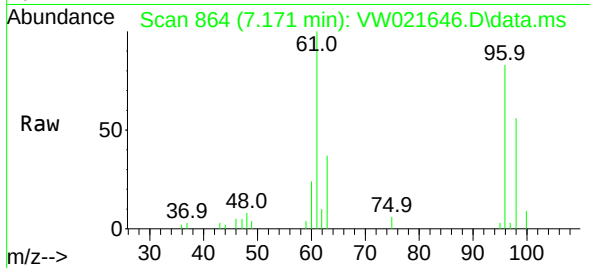
98 51.4 41.2 76.6





#20
 cis-1,2-Dichloroethene
 Concen: 6.694 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW021646.D
 Acq: 25 Dec 2021 15:20

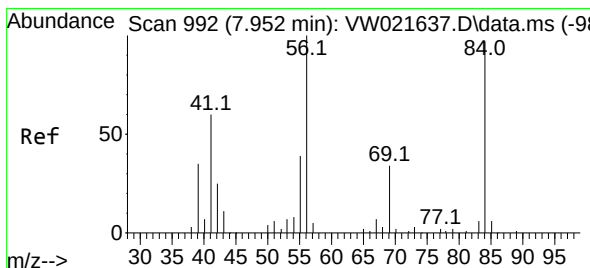
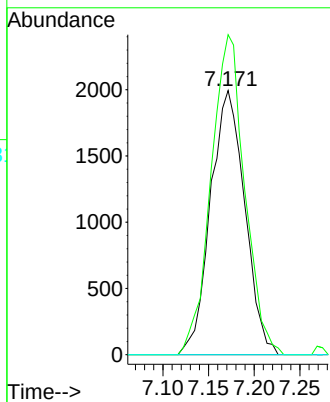
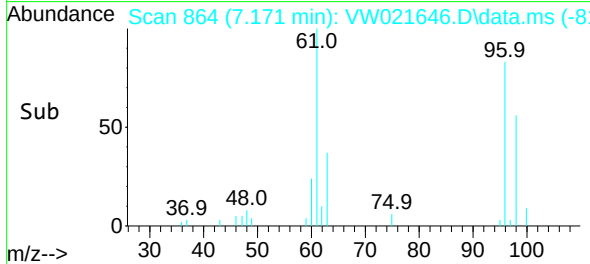
Instrument :
 MSVOA_W
 ClientSampleId :
 GBC21RE



Tgt Ion: 96 Resp: 521
 Ion Ratio Lower Upper
 96 100
 61 121.1 103.7 192.7
 68 0.0 0.0 0.0

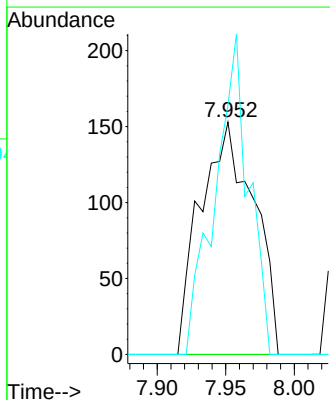
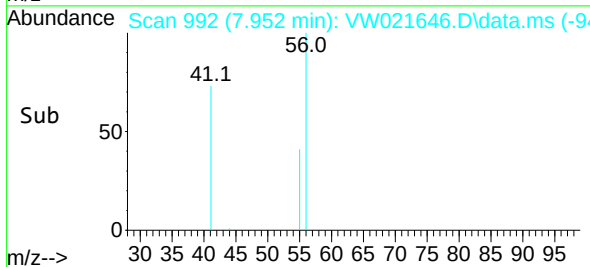
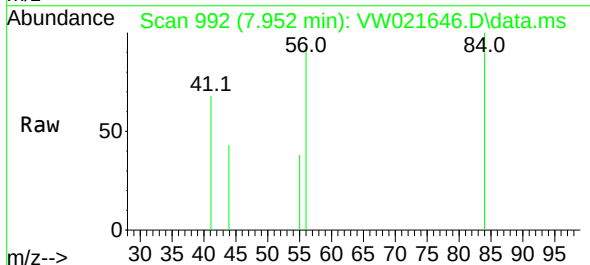
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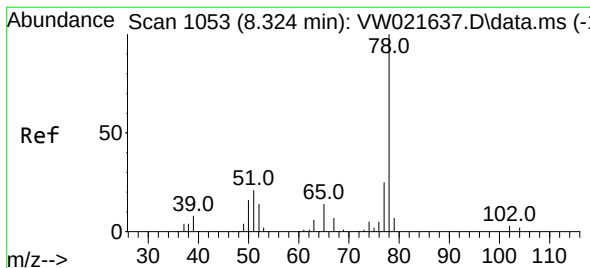
Reviewed By :Semsettin Yesilyurt 12/27/2021
 Supervised By :Mahesh Dadoda 01/02/2022



#29
 Cyclohexane
 Concen: 0.595 ug/L
 RT: 7.952 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VW021646.D
 Acq: 25 Dec 2021 15:20

Tgt Ion: 56 Resp: 415
 Ion Ratio Lower Upper
 56 100
 69 0.0 23.5 35.3#
 84 87.0 63.4 95.2





#33

Benzene

Concen: 1.231 ug/L

RT: 8.330 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW021646.D

Acq: 25 Dec 2021 15:20

Instrument :

MSVOA_W

ClientSampleId :

GBC21RE

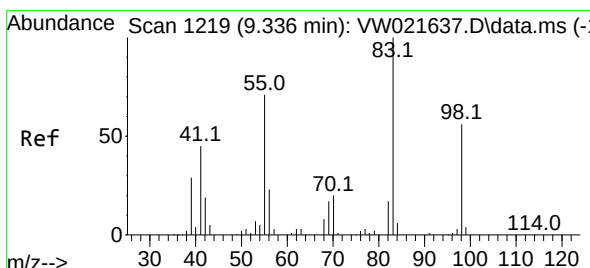
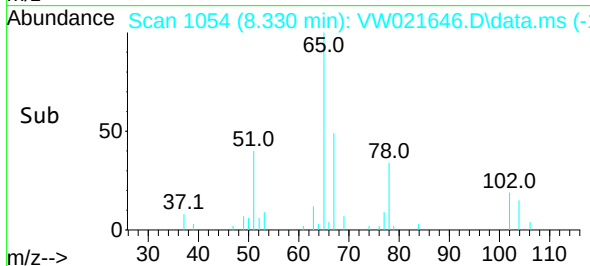
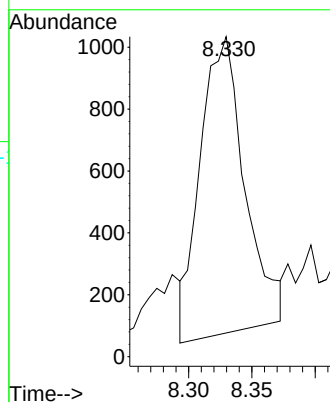
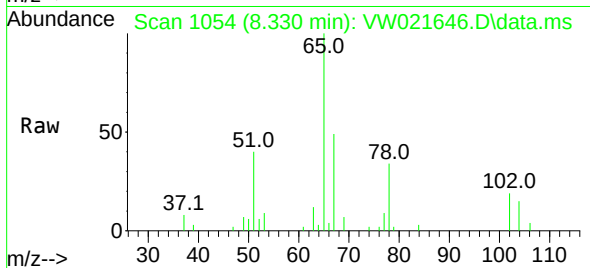
Tgt Ion: 78 Resp: 235

Manual Integrations

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Supervised By :Mahesh Dadoda 01/02/2022



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW021646.D

Acq: 25 Dec 2021 15:20

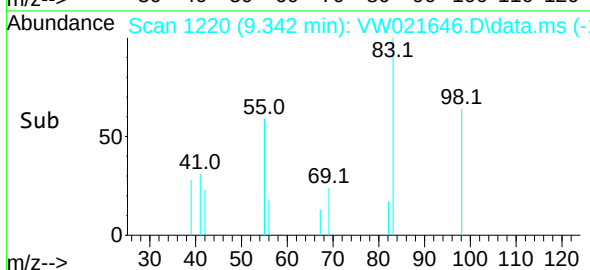
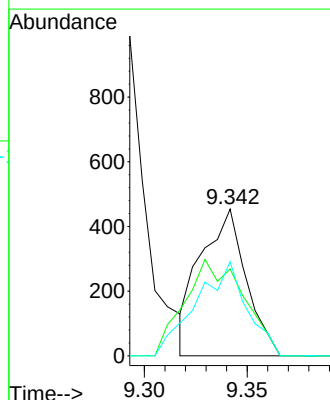
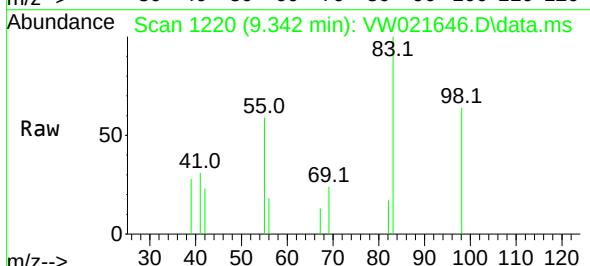
Tgt Ion: 83 Resp: 699

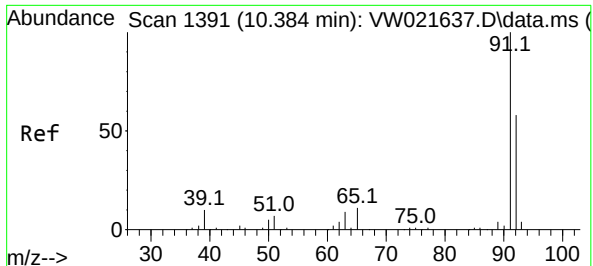
Ion Ratio Lower Upper

83 100

55 85.0 70.8 106.2

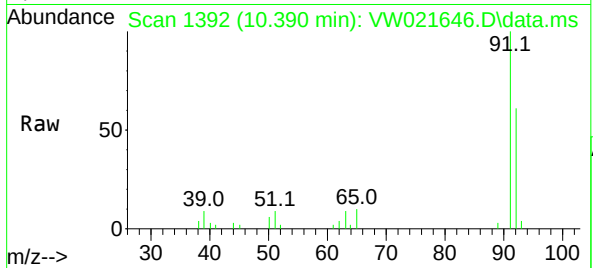
98 71.4 37.7 56.5#





#42
Toluene
Concen: 2.899 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021646.D
Acq: 25 Dec 2021 15:20

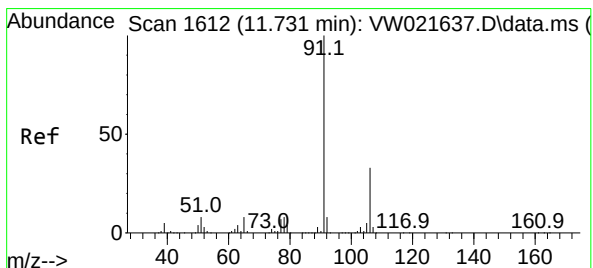
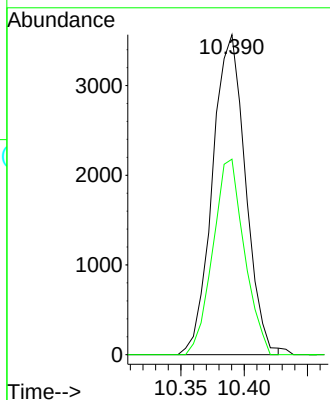
Instrument :
MSVOA_W
ClientSampleId :
GBC21RE



Tgt Ion: 91 Resp: 647
Ion Ratio Lower Upper
91 100
92 61.1 41.7 77.5

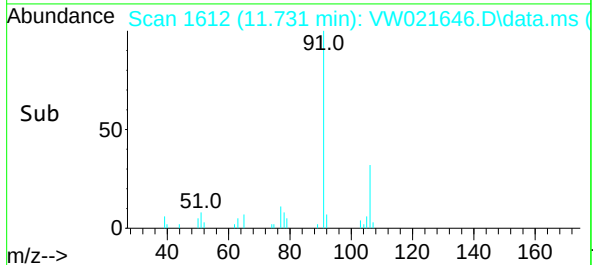
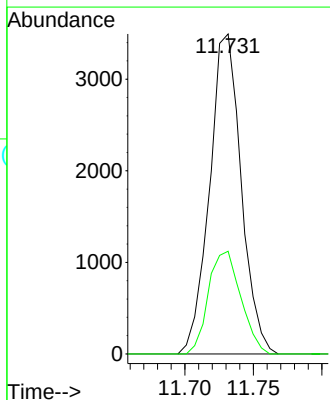
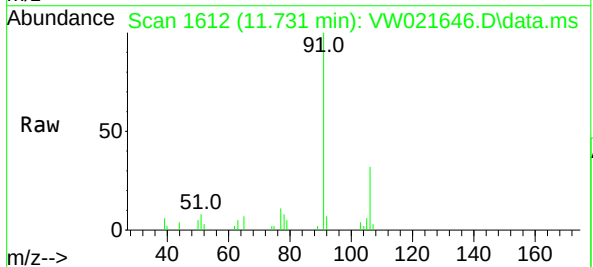
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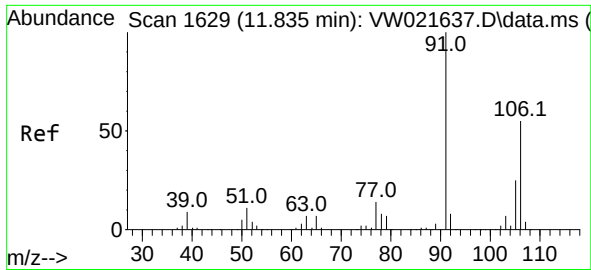
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#52
Ethylbenzene
Concen: 2.198 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021646.D
Acq: 25 Dec 2021 15:20

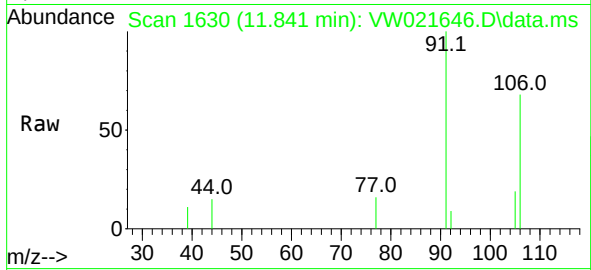
Tgt Ion: 91 Resp: 5609
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9





#53
m,p-Xylene
Concen: 0.691 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021646.D
Acq: 25 Dec 2021 15:20

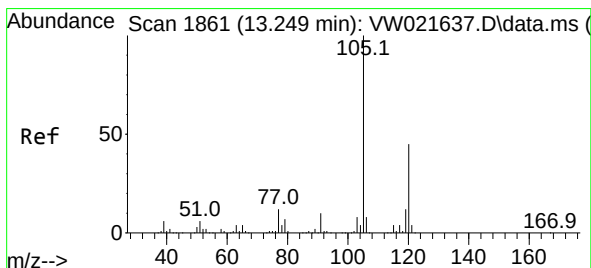
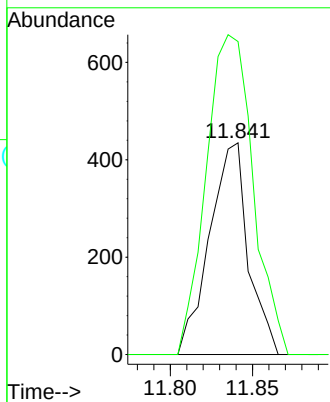
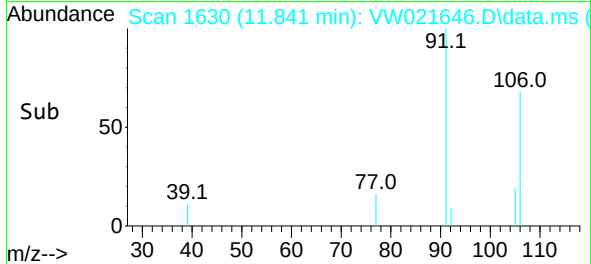
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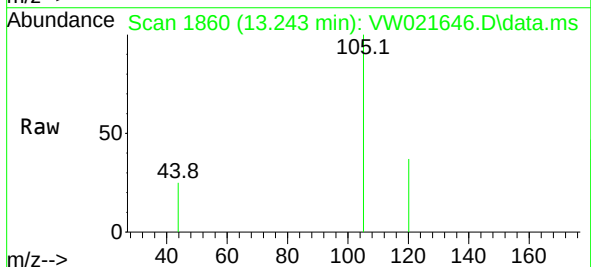
Tgt Ion:106 Resp: 711
Ion Ratio Lower Upper
106 100
91 147.8 149.9 278.3

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 0.560 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW021646.D
Acq: 25 Dec 2021 15:20



Tgt Ion:105 Resp: 640
Ion Ratio Lower Upper
105 100
120 40.2 35.0 52.6

