

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021505.D
 Acq On : 20 Dec 2021 18:00
 Operator : SY/VA
 Sample : M5171-05
 Misc : 6.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2021
 Supervised By : Amit Patel 12/24/2021

Quant Time: Dec 20 18:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	20543	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	27189	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	14992	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	1685	4.504	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	18.000%	#	
7) Chloroethane-d5	2.885	69	2072	8.377	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	33.520%		
11) 1,1-Dichloroethene-d2	4.013	63	3308	6.632	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	26.520%	#	
21) 2-Butanone-d5	7.086	46	6186	117.294	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	234.580%	#	
24) Chloroform-d	7.647	84	12913	22.556	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.240%		
26) 1,2-Dichloroethane-d4	8.311	65	11391	37.406	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	149.640%	#	
32) Benzene-d6	8.275	84	21768	14.606	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	58.440%		
36) 1,2-Dichloropropane-d6	9.274	67	9544	23.879	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.520%		
41) Toluene-d8	10.323	98	21402	14.055	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	56.240%		
43) trans-1,3-Dichloroprop...	10.579	79	4414	23.985	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.920%		
47) 2-Hexanone-d5	10.927	63	4675	79.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	158.200%	#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12089	35.185	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	140.720%	#	
66) 1,2-Dichlorobenzene-d4	13.853	152	12452	21.431	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.720%		
Target Compounds						
16) Methylene chloride	4.922	84	4027	11.864	ug/L	# 70
42) Toluene	10.390	91	2190	1.264	ug/L	99
46) Tetrachloroethene	10.860	164	303	0.767	ug/L	# 70
52) Ethylbenzene	11.731	91	3973	2.007	ug/L	99
53) m,p-Xylene	11.835	106	5730	7.175	ug/L	80
54) o-Xylene	12.164	106	2671	3.524	ug/L	99
60) Isopropylbenzene	12.463	105	4747	2.330	ug/L	# 91
62) 1,3,5-Trimethylbenzene	12.945	105	3400m	1.961	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	12142	7.100	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	1540m	1.820	ug/L	

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

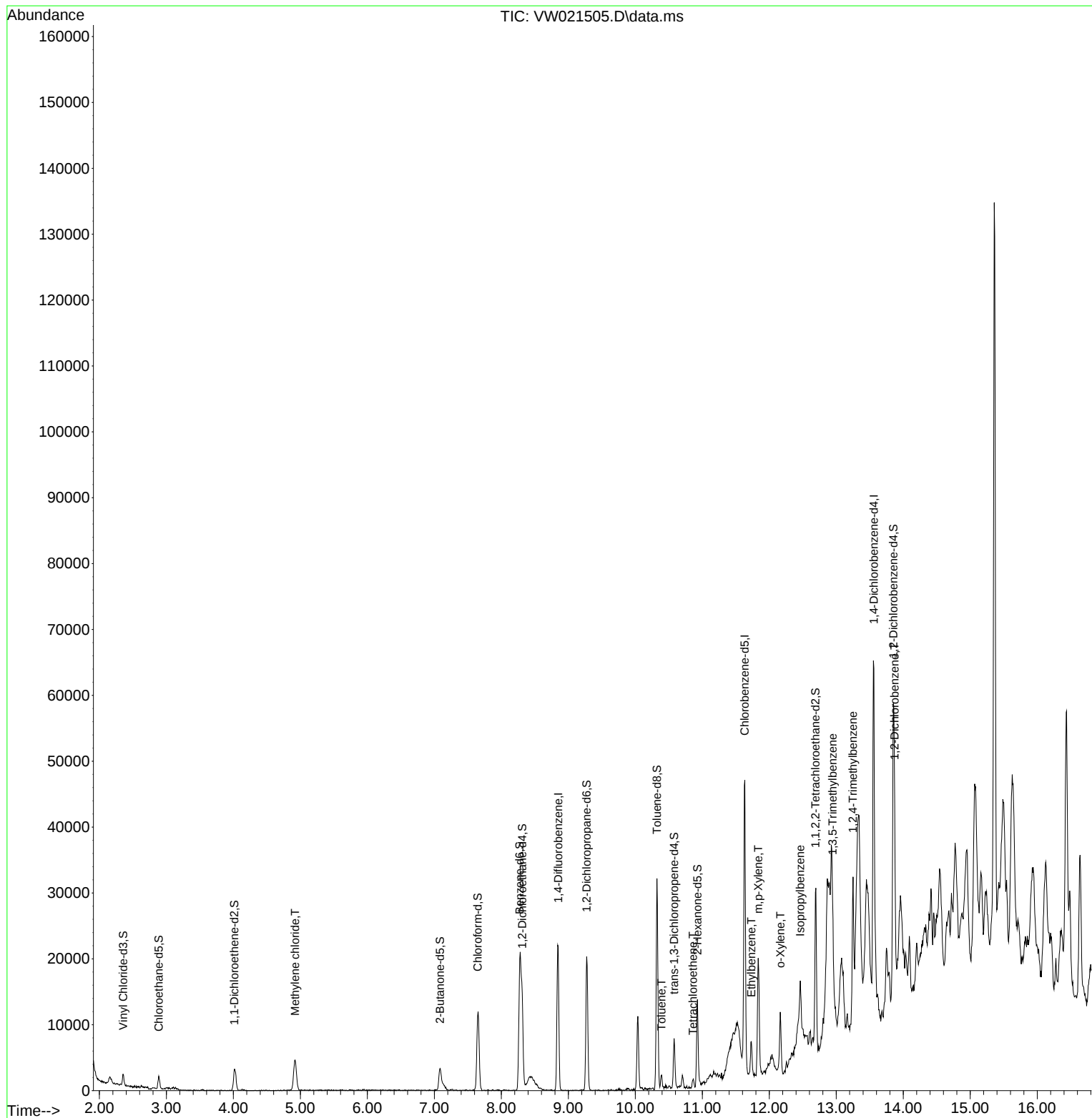
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021505.D
Acq On : 20 Dec 2021 18:00
Operator : SY/VA
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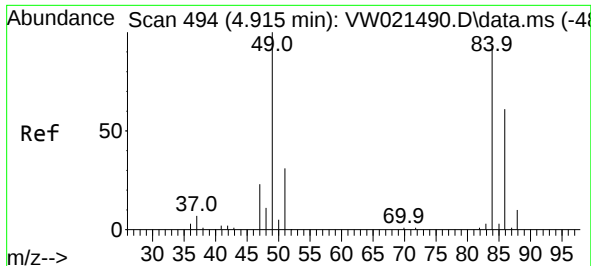
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ClientSampleId :
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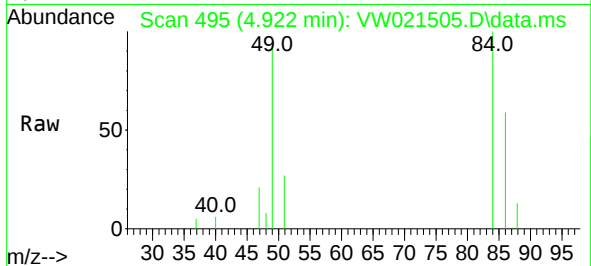
Quant Time: Dec 20 18:55:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





#16
Methylene chloride
Concen: 11.864 ug/L
RT: 4.922 min Scan# 494
Delta R.T. 0.012 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00

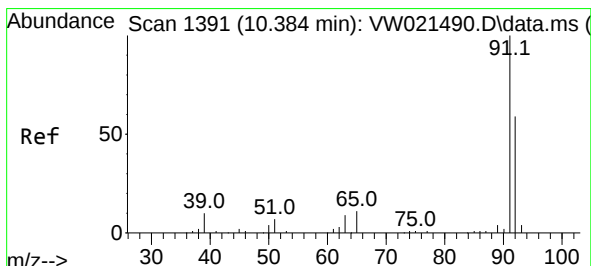
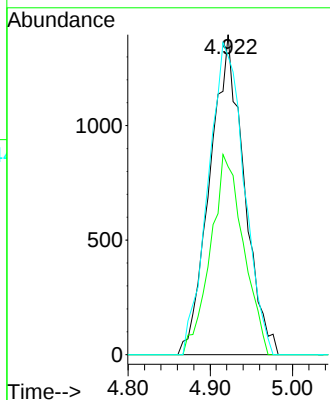
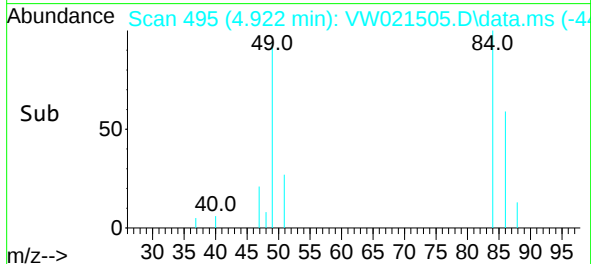
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Tgt Ion: 84 Resp: 402
Ion Ratio Lower Upper
84 100
86 58.8 45.5 84.5
49 93.3 100.5 186.7

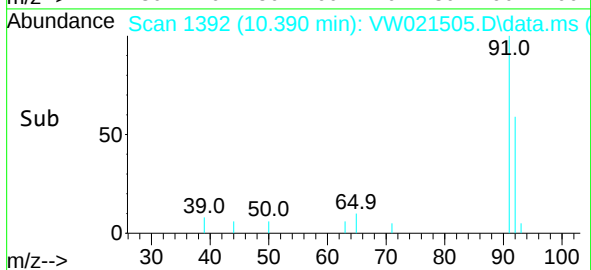
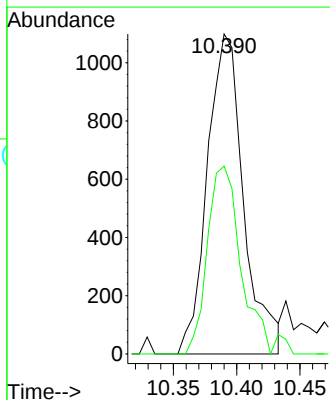
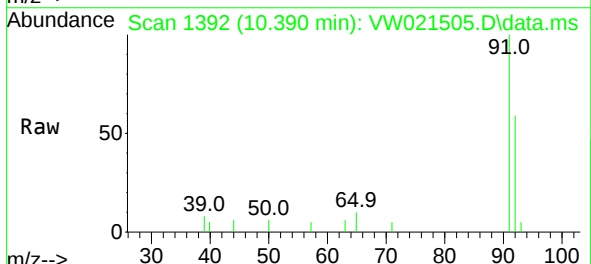
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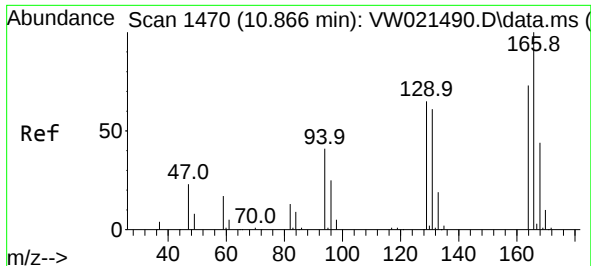
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Amit Patel 12/24/2021



#42
Toluene
Concen: 1.264 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00

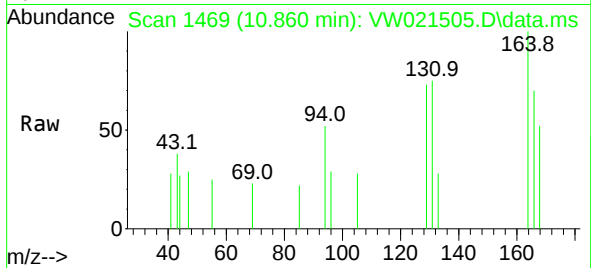
Tgt Ion: 91 Resp: 2190
Ion Ratio Lower Upper
91 100
92 58.7 41.7 77.5





#46
Tetrachloroethene
Concen: 0.767 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00

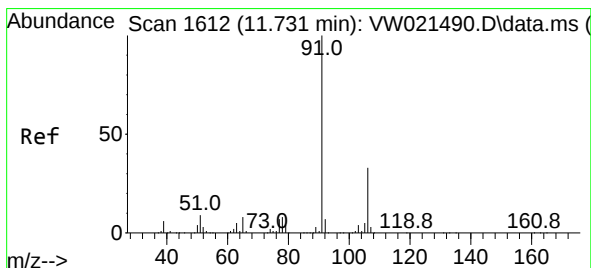
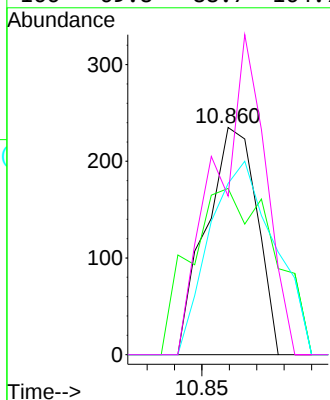
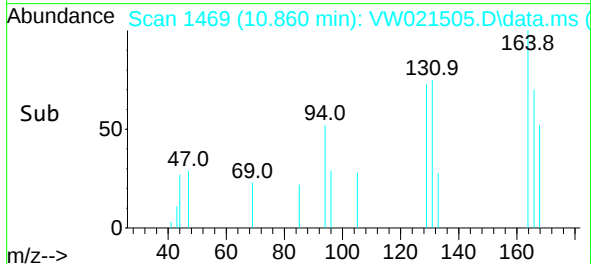
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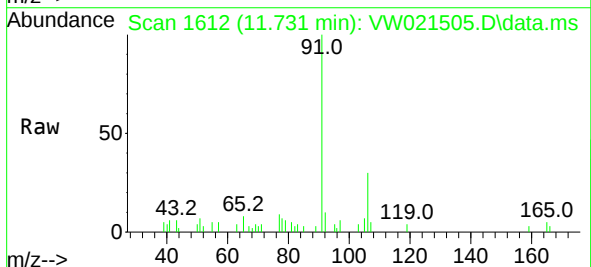
Tgt Ion:164 Resp: 3000
Ion Ratio Lower Upper
164 100
129 73.2 65.5 121.7
131 75.3 59.7 110.9
166 69.8 88.7 164.7#

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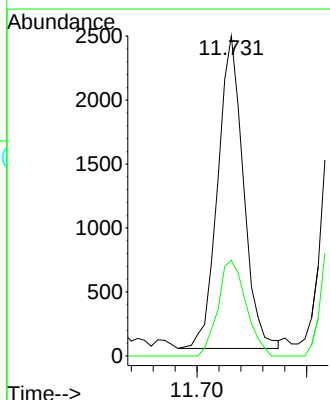
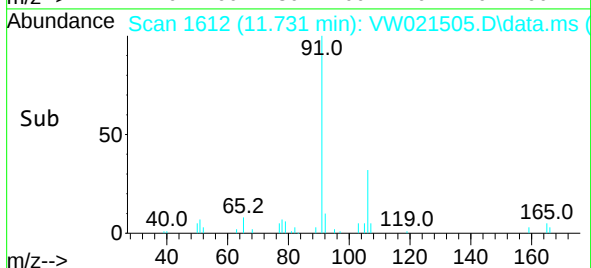
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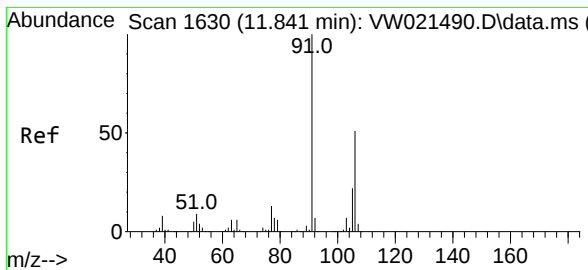


#52
Ethylbenzene
Concen: 2.007 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00



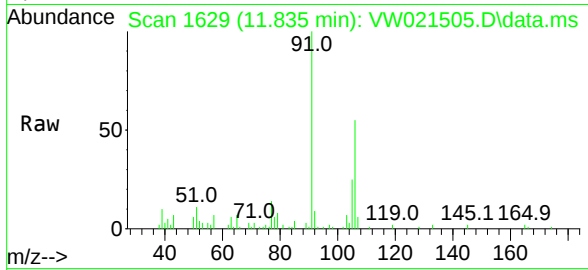
Tgt Ion: 91 Resp: 3973
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9





#53
m,p-Xylene
Concen: 7.175 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00

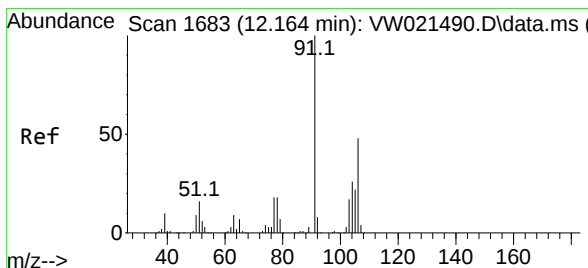
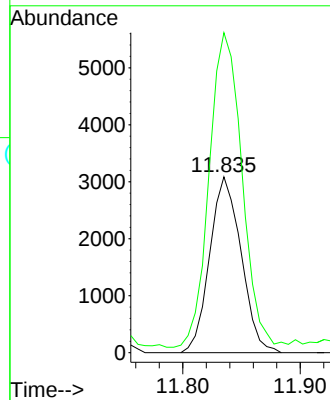
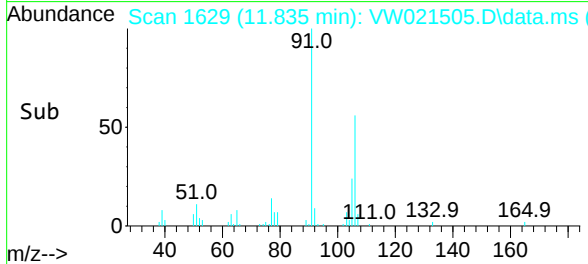
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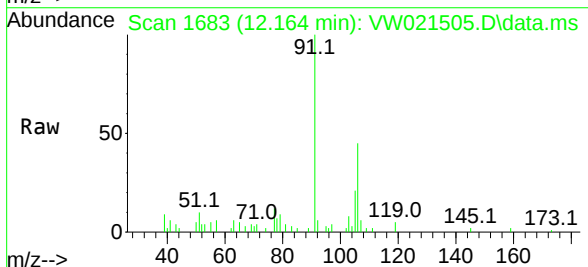
Tgt Ion:106 Resp: 5730
Ion Ratio Lower Upper
106 100
91 182.0 149.9 278.3

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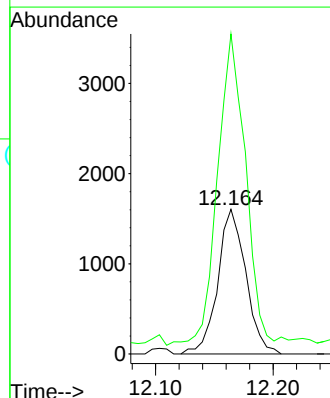
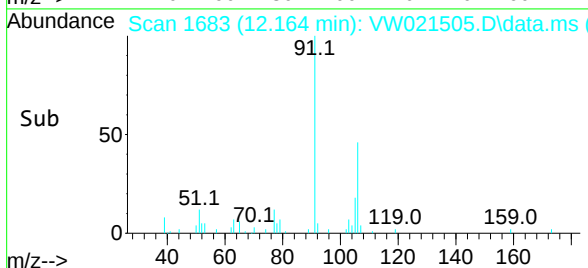
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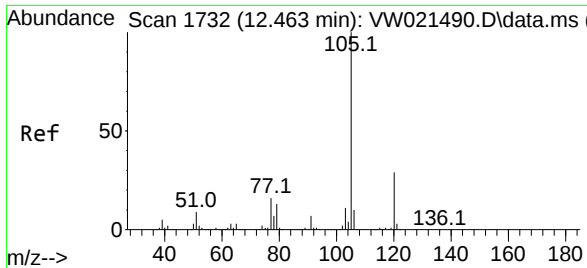


#54
o-Xylene
Concen: 3.524 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00



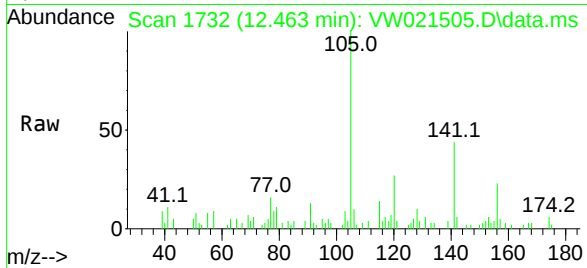
Tgt Ion:106 Resp: 2671
Ion Ratio Lower Upper
106 100
91 221.3 153.6 285.3





#60
Isopropylbenzene
Concen: 2.330 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00

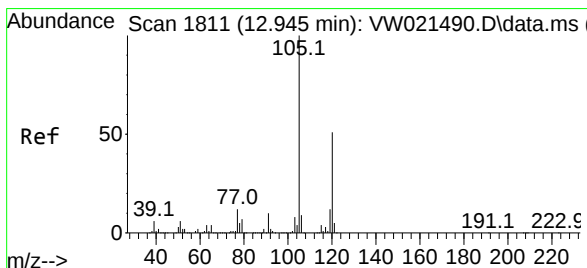
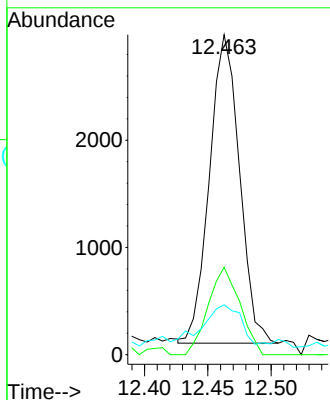
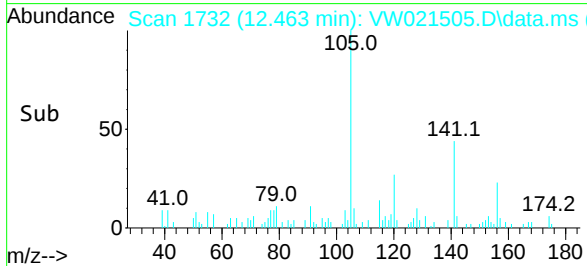
Instrument :
MSVOA_W
ClientSampleId :
BGLA1



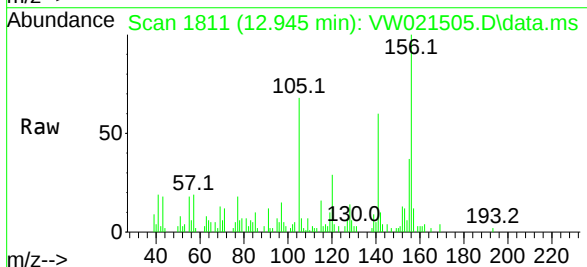
Tgt Ion:105 Resp: 474
Ion Ratio Lower Upper
105 100
120 29.8 20.1 30.1
77 13.6 13.8 20.8

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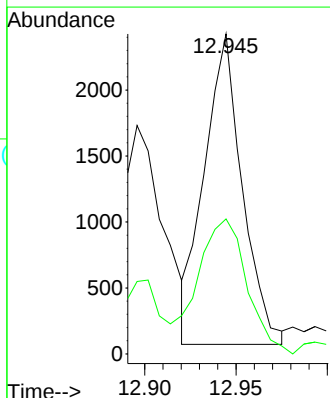
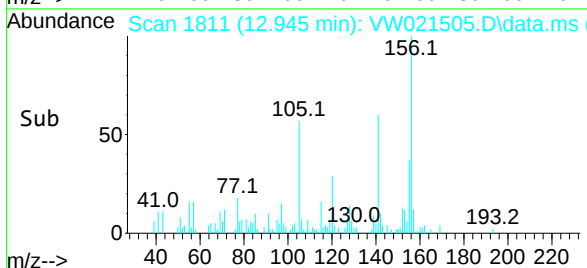
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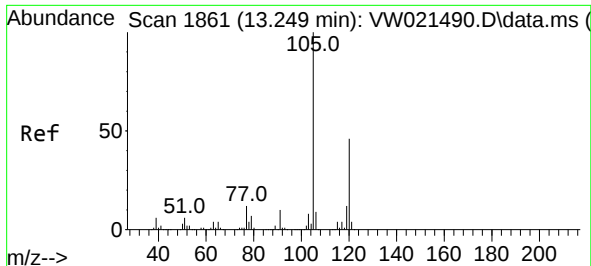


#62
1,3,5-Trimethylbenzene
Concen: 1.961 ug/L m
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00



Tgt Ion:105 Resp: 3400
Ion Ratio Lower Upper
105 100
120 21.8 37.4 56.2#





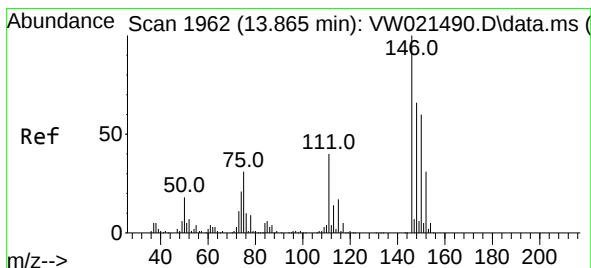
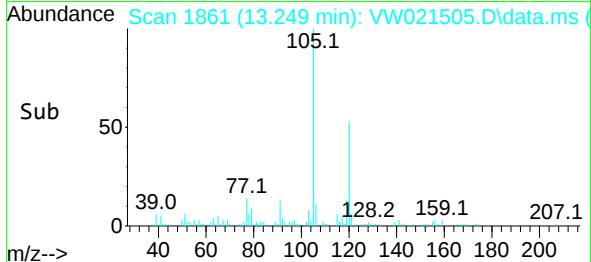
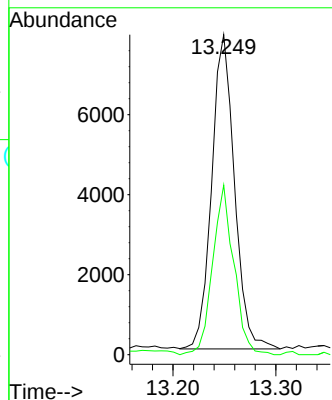
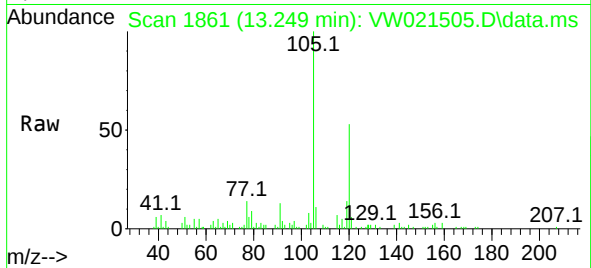
#63
1,2,4-Trimethylbenzene
Concen: 7.100 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00

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Tgt Ion:105 Resp: 1214
Ion Ratio Lower Upper
105 100
120 49.9 35.0 52.6

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#67
1,2-Dichlorobenzene
Concen: 1.820 ug/L m
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021505.D
Acq: 20 Dec 2021 18:00

Tgt Ion:146 Resp: 1540
Ion Ratio Lower Upper
146 100
111 70.2 33.1 49.7#
148 57.9 47.4 71.2

