

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021050.D
 Acq On : 02 Dec 2021 16:25
 Operator : SY/VA
 Sample : M4886-14
 Misc : 3.22g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX893

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 03 02:26:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	78368	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	38026	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5850	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20263	22.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.160%		
7) Chloroethane-d5	2.879	69	17974	30.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	122.640%		
11) 1,1-Dichloroethene-d2	4.013	63	23651	13.447	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.800%		
21) 2-Butanone-d5	7.080	46	12663	55.810	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.620%		
24) Chloroform-d	7.647	84	49149	24.890	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.560%		
26) 1,2-Dichloroethane-d4	8.305	65	25174	25.117	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.480%		
32) Benzene-d6	8.268	84	84065	41.945	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	167.800%#		
36) 1,2-Dichloropropane-d6	9.274	67	26704	46.791	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	187.160%#		
41) Toluene-d8	10.323	98	58874	29.597	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	118.400%		
43) trans-1,3-Dichloroprop...	10.573	79	5717	21.194	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.760%		
47) 2-Hexanone-d5	10.920	63	8260	87.267	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	174.540%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	16781	38.384	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	153.520%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	5657	27.132	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.520%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	922m	4.551	ug/L	
29) Cyclohexane	7.945	56	894m	1.055	ug/L	
34) Trichloroethene	9.091	95	908835	1509.154	ug/L	94
35) Methylcyclohexane	9.335	83	2959	2.980	ug/L	# 85
42) Toluene	10.384	91	7016	2.897	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	675	1.732	ug/L	# 74
46) Tetrachloroethene	10.859	164	680513	1230.730	ug/L	95
52) Ethylbenzene	11.731	91	1747	0.651	ug/L	100
53) m,p-Xylene	11.829	106	1708	1.559	ug/L	90
54) o-Xylene	12.164	106	1613	1.533	ug/L	80
60) Isopropylbenzene	12.463	105	1001	1.256	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	405	0.603	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1362	2.054	ug/L	97

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

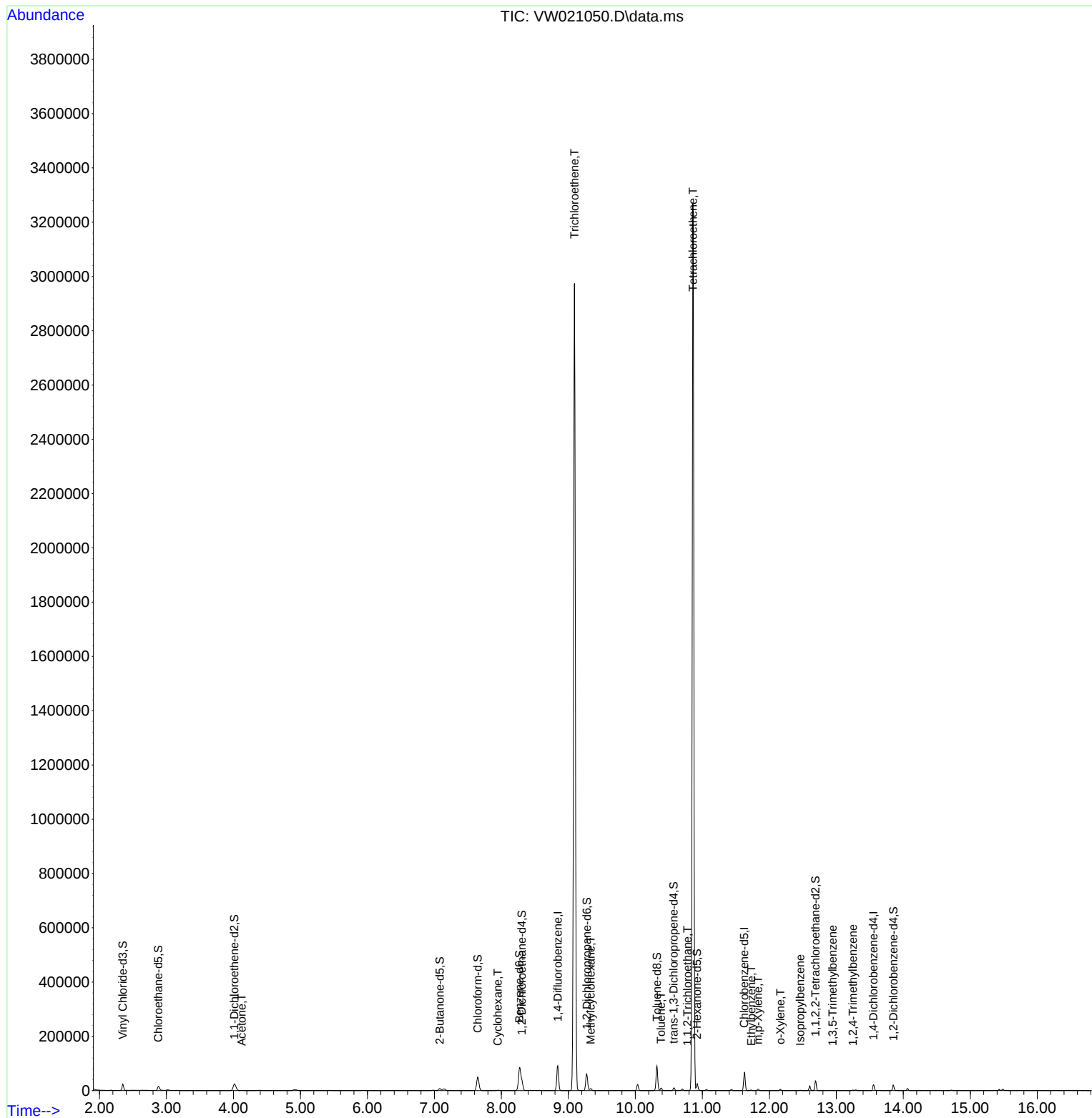
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021050.D
Acq On : 02 Dec 2021 16:25
Operator : SY/VA
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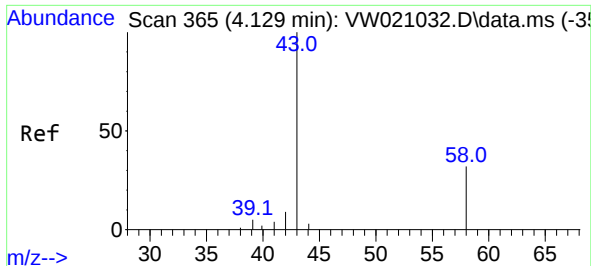
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration





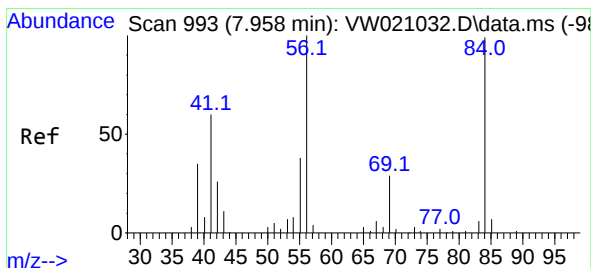
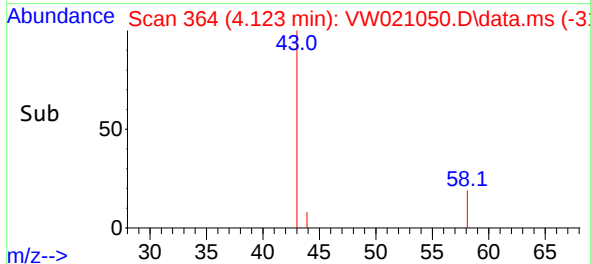
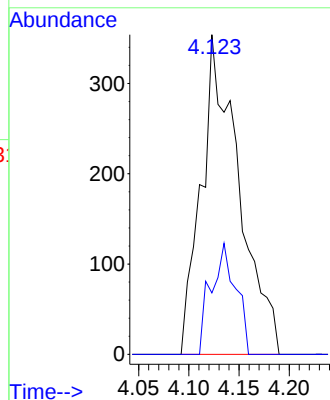
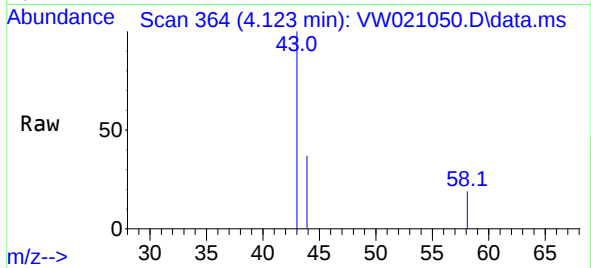
#13
Acetone
Concen: 4.551 ug/L m
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
EX893

Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
58 6.0 0.0 52.8

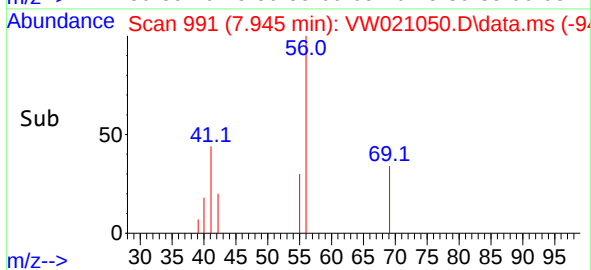
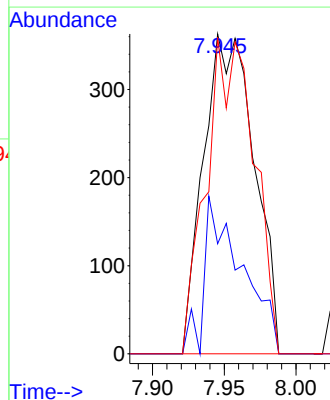
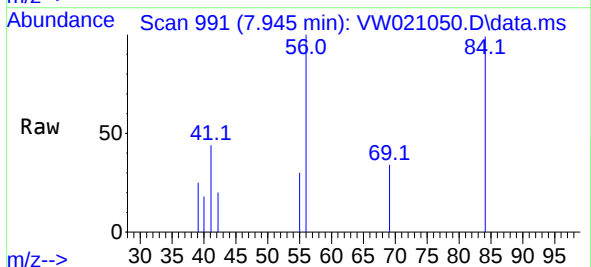
Manual Integrations
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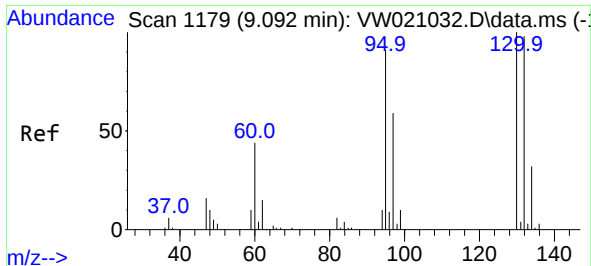
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#29
Cyclohexane
Concen: 1.055 ug/L m
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

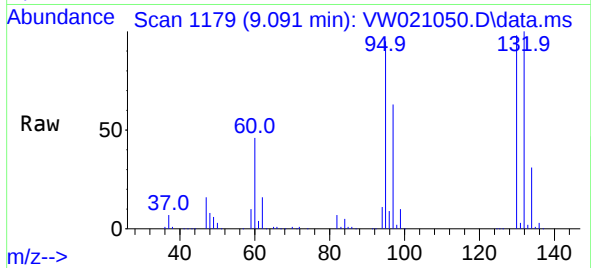
Tgt Ion: 56 Resp: 894
Ion Ratio Lower Upper
56 100
69 34.6 23.5 35.3
84 44.7 63.4 95.2#





#34
Trichloroethene
Concen: 1509.154 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

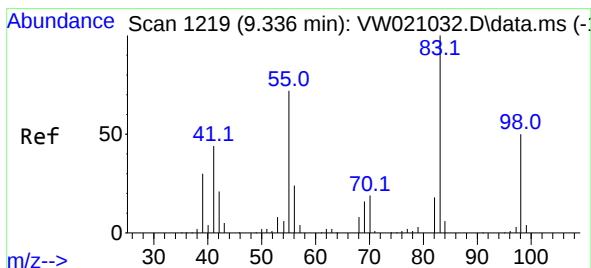
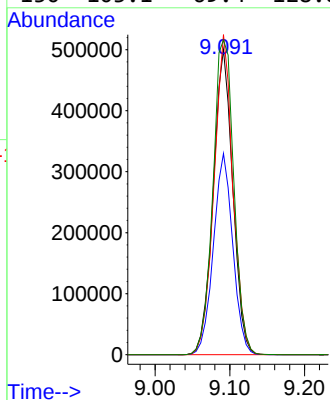
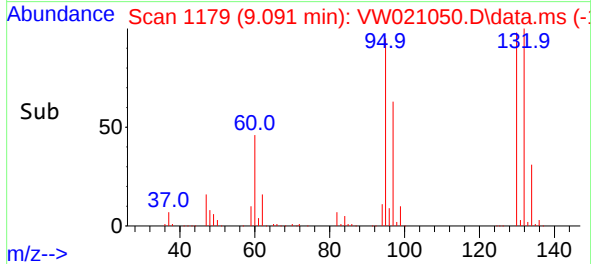
Instrument :
MSVOA_W
ClientSampleId :
EX893



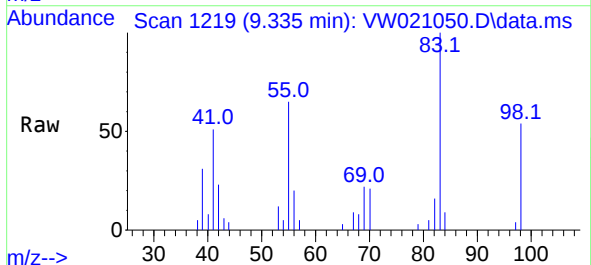
Tgt Ion: 95 Resp: 908835
Ion Ratio Lower Upper
95 100
97 65.9 47.0 87.2
132 104.9 65.5 121.6
130 103.1 69.4 128.8

Manual Integrations
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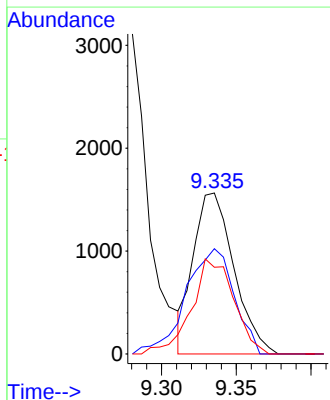
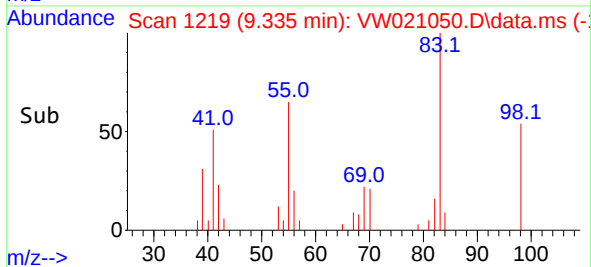
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021

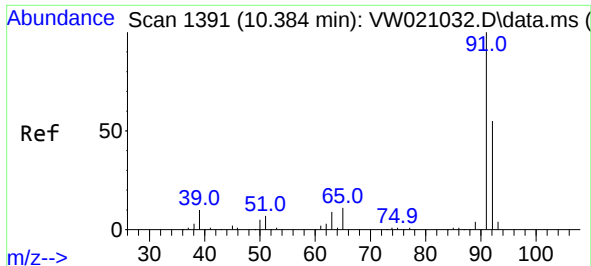


#35
Methylcyclohexane
Concen: 2.980 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25



Tgt Ion: 83 Resp: 2959
Ion Ratio Lower Upper
83 100
55 77.8 70.8 106.2
98 61.7 37.7 56.5#





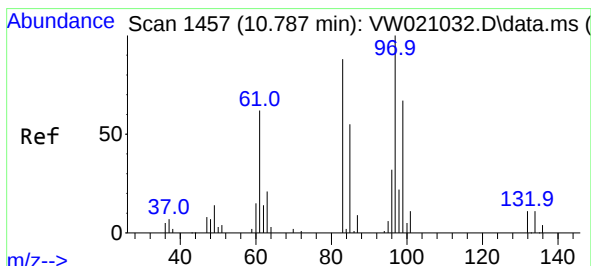
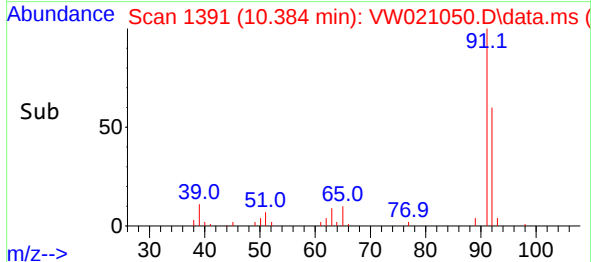
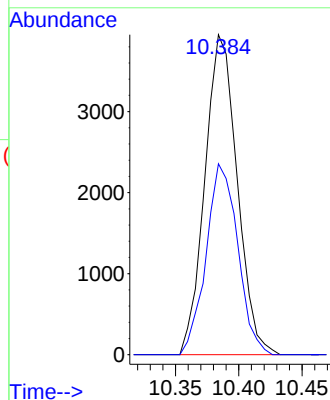
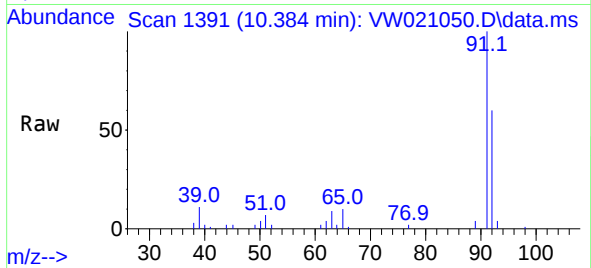
#42
Toluene
Concen: 2.897 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
EX893

Tgt Ion: 91 Resp: 7010
Ion Ratio Lower Upper
91 100
92 59.7 41.7 77.5

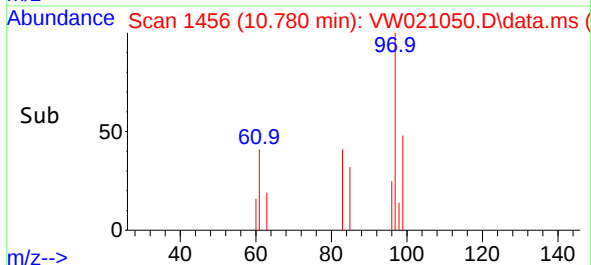
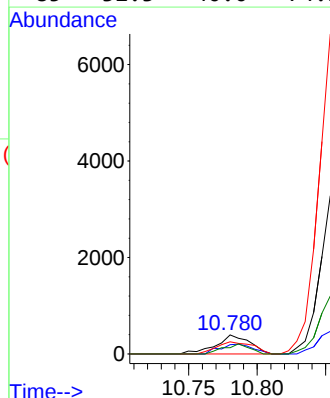
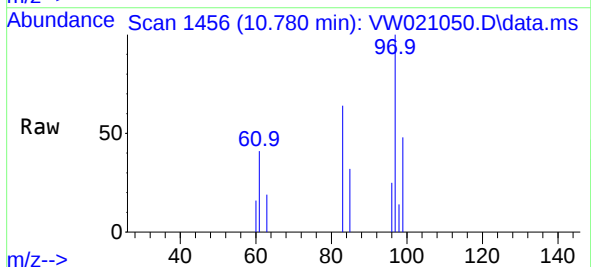
Manual Integrations
APPROVED

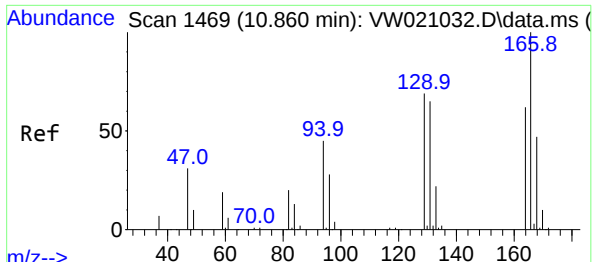
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#45
1,1,2-Trichloroethane
Concen: 1.732 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

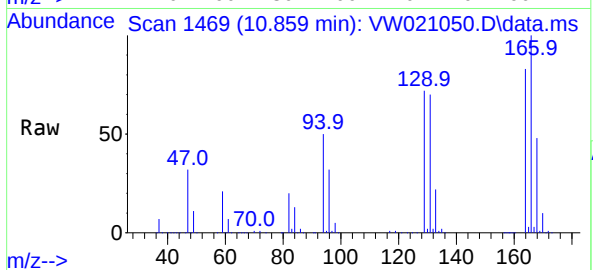
Tgt Ion: 97 Resp: 675
Ion Ratio Lower Upper
97 100
99 48.2 43.0 79.8
83 63.6 62.6 116.3
85 32.3 40.0 74.2#





#46
Tetrachloroethene
Concen: 1230.730 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

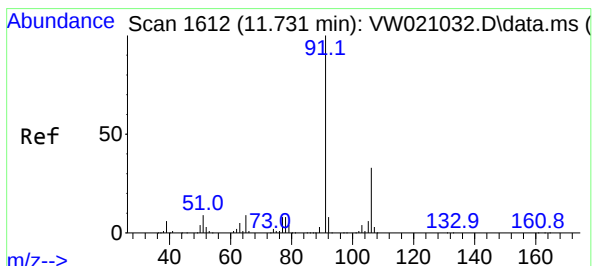
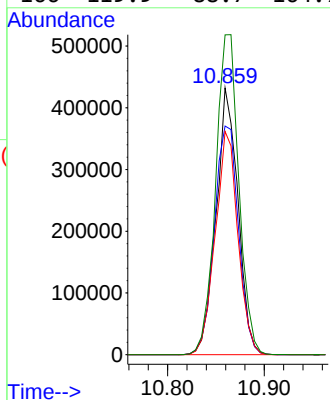
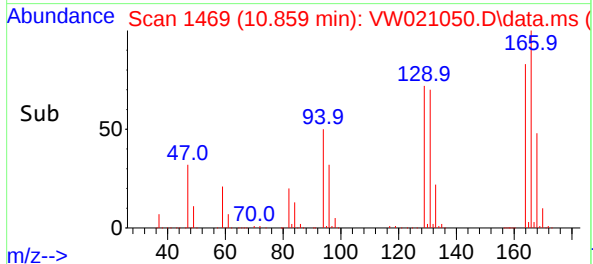
Instrument :
MSVOA_W
ClientSampleId :
EX893



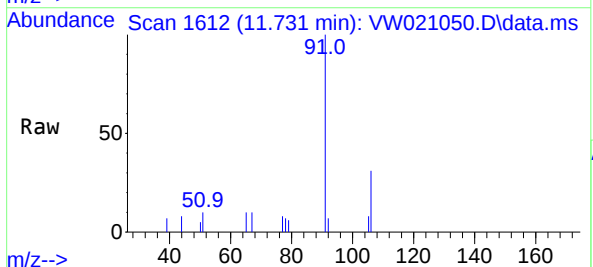
Tgt Ion:164 Resp: 68051
Ion Ratio Lower Upper
164 100
129 85.7 65.5 121.7
131 83.7 59.7 110.9
166 119.9 88.7 164.7

Manual Integrations
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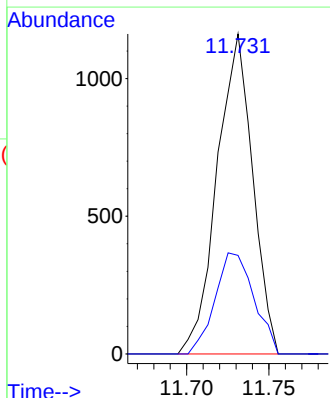
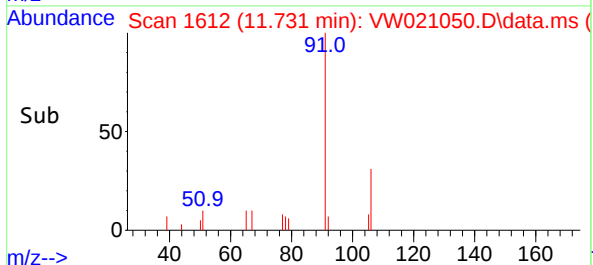
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Supervised By :Amit Patel 12/07/2021

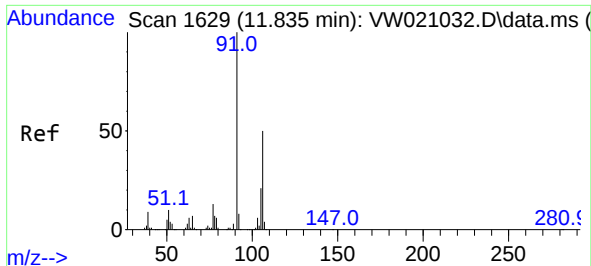


#52
Ethylbenzene
Concen: 0.651 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25



Tgt Ion: 91 Resp: 1747
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9





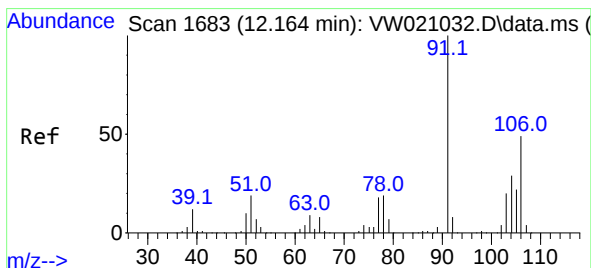
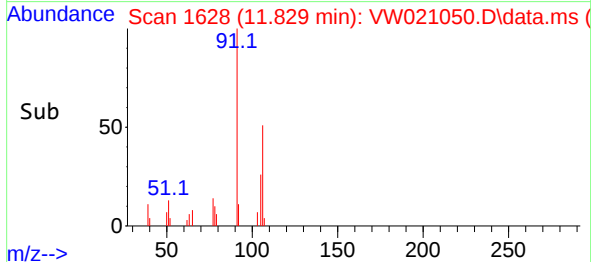
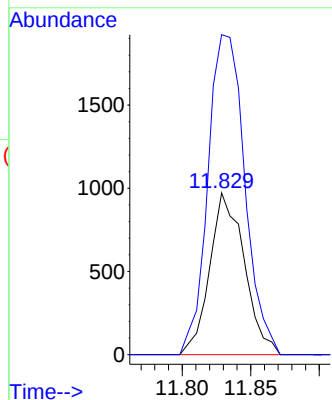
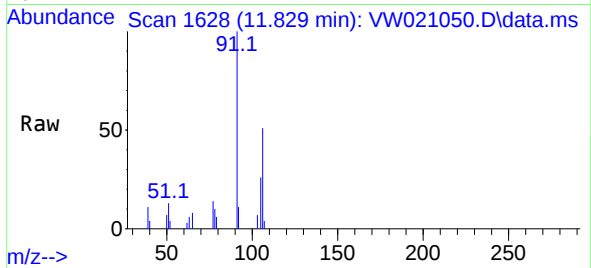
#53
m,p-Xylene
Concen: 1.559 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

Instrument :
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Tgt Ion:106 Resp: 1708
Ion Ratio Lower Upper
106 100
91 197.8 149.9 278.3

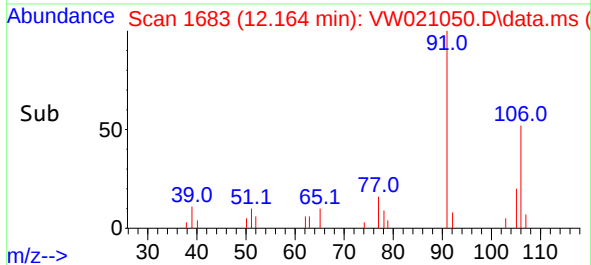
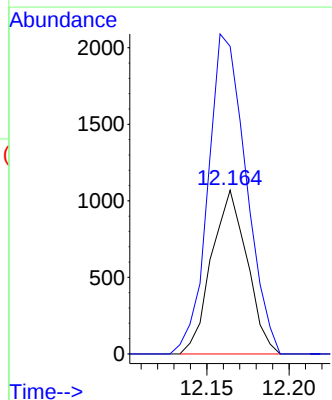
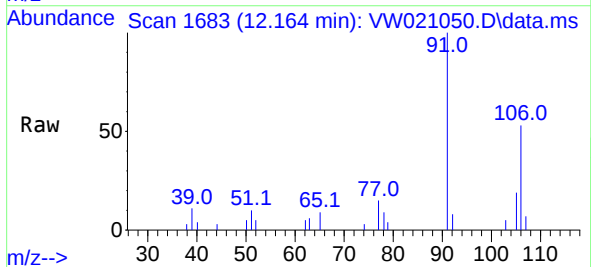
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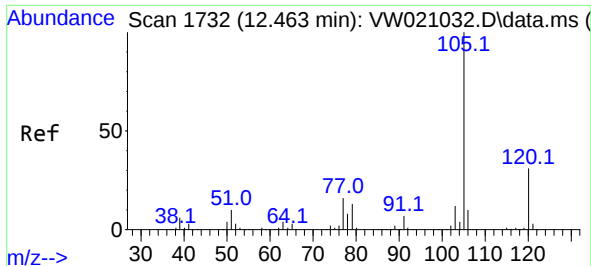
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#54
o-Xylene
Concen: 1.533 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

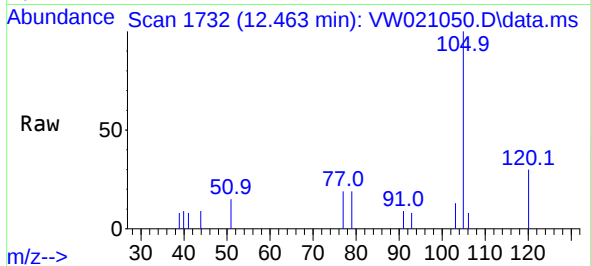
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Ion Ratio Lower Upper
106 100
91 188.0 153.6 285.3





#60
Isopropylbenzene
Concen: 1.256 ug/L
RT: 12.463 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

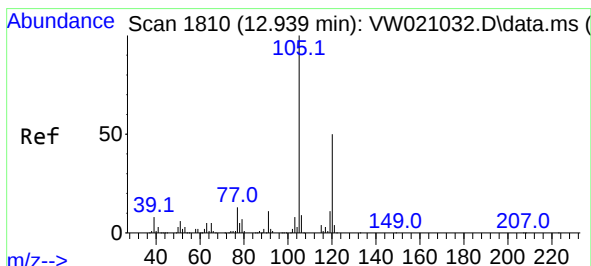
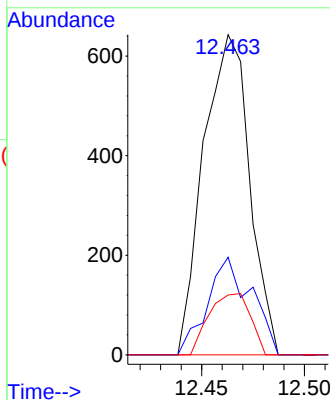
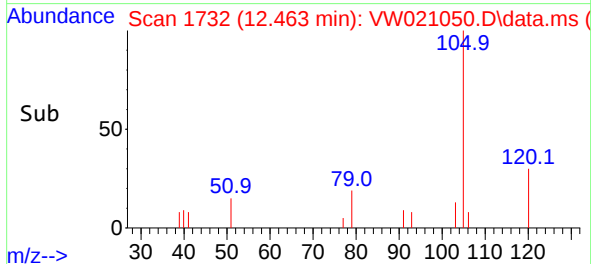
Instrument :
MSVOA_W
ClientSampleId :
EX893



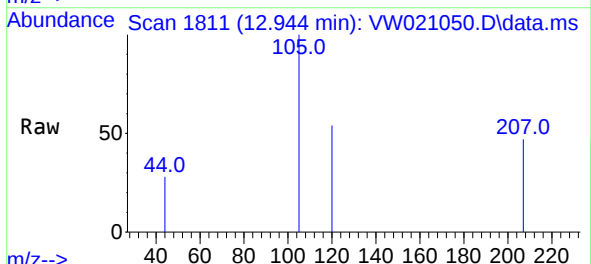
Tgt Ion:105 Resp: 100
Ion Ratio Lower Upper
105 100
120 29.1 20.1 30.1
77 17.3 13.8 20.8

Manual Integrations
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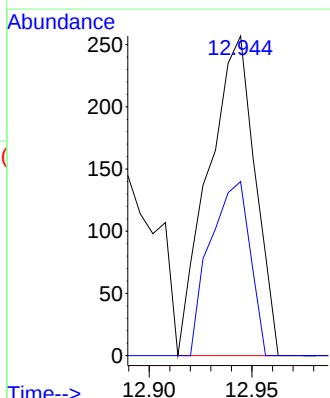
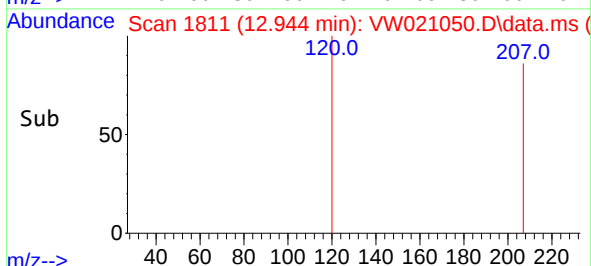
Reviewed By :Semsettin Yesilyurt 12/03/2021
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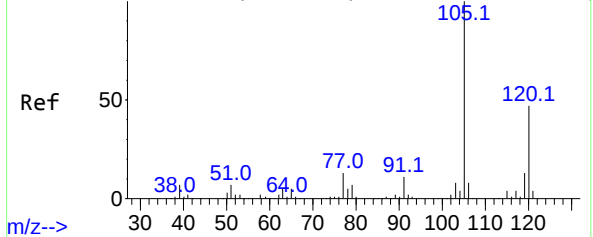
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1,3,5-Trimethylbenzene
Concen: 0.603 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25



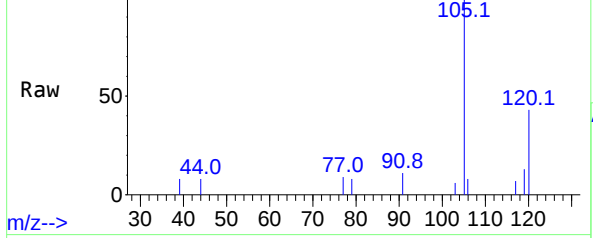
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Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.2



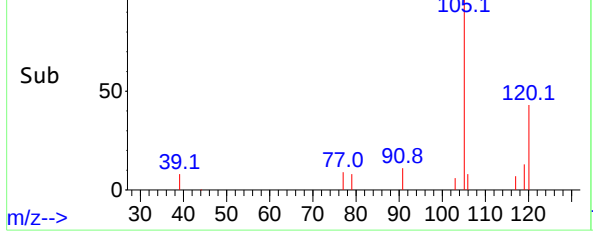
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Abundance Scan 1861 (13.249 min): VW021050.D\data.ms



Abundance Scan 1861 (13.249 min): VW021050.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 2.054 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021050.D
Acq: 02 Dec 2021 16:25

Tgt Ion:105 Resp: 1362
Ion Ratio Lower Upper
105 100
120 41.9 35.0 52.6

Instrument :

MSVOA_W

ClientSampleId :

EX893

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2021

Supervised By :Amit Patel 12/07/2021

