

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021047.D
 Acq On : 02 Dec 2021 15:12
 Operator : SY/VA
 Sample : M4886-08
 Misc : 5.10g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX889

Manual Integrations
 APPROVED

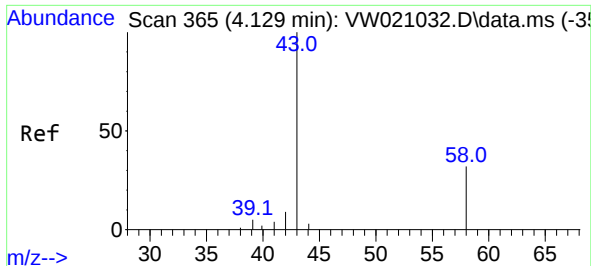
Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 03 02:25:31 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	8.842	114	105876	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	72383	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16587	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21598	17.586	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.360%		
7) Chloroethane-d5	2.885	69	16607	20.967	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.880%		
11) 1,1-Dichloroethene-d2	4.013	63	26625	11.205	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	44.840%#		
21) 2-Butanone-d5	7.074	46	13658	44.556	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.120%		
24) Chloroform-d	7.647	84	54316	20.360	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.440%		
26) 1,2-Dichloroethane-d4	8.305	65	27943	20.636	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.560%		
32) Benzene-d6	8.275	84	95324	24.987	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.960%		
36) 1,2-Dichloropropane-d6	9.275	67	29682	27.323	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.280%		
41) Toluene-d8	10.323	98	78548	20.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.960%		
43) trans-1,3-Dichloroprop...	10.579	79	8581	16.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.840%		
47) 2-Hexanone-d5	10.921	63	9500	52.727	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.460%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	20492	24.624	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.480%		
66) 1,2-Dichlorobenzene-d4	13.853	152	13649	23.087	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.360%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	1192m	4.355	ug/L	
27) 1,2-Dichloroethane	8.403	62	4907	3.130	ug/L	96
42) Toluene	10.390	91	11317	2.455	ug/L	96
52) Ethylbenzene	11.725	91	4386	0.859	ug/L	100
53) m,p-Xylene	11.835	106	7069	3.390	ug/L	95
54) o-Xylene	12.164	106	3293	1.644	ug/L	87
63) 1,2,4-Trimethylbenzene	13.249	105	1554	0.826	ug/L	92

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



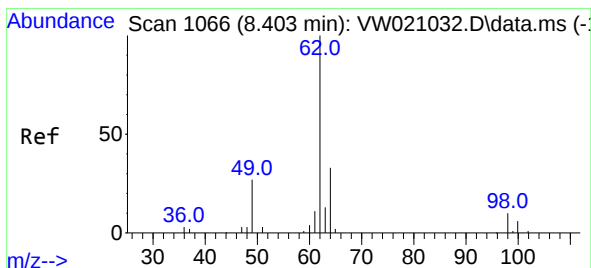
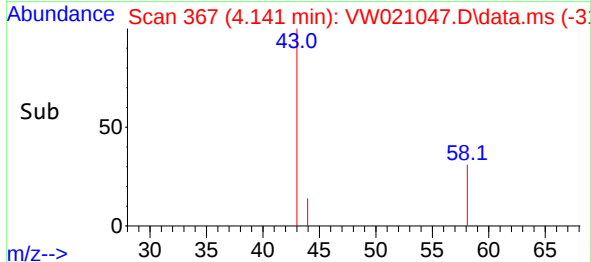
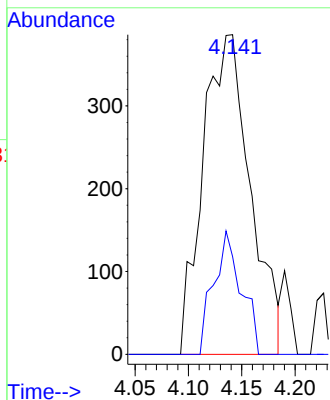
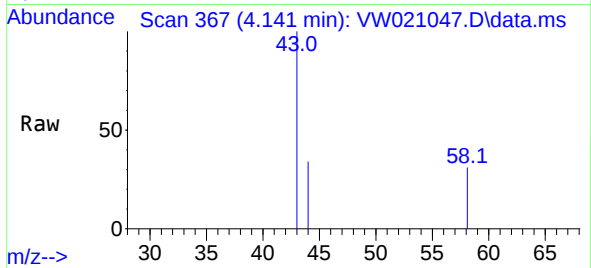
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Acetone
Concen: 4.355 ug/L m
RT: 4.141 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

Instrument :
MSVOA_W
ClientSampleId :
EX889

Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 0.0 0.0 52.8

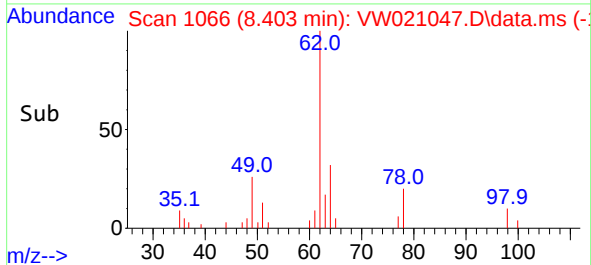
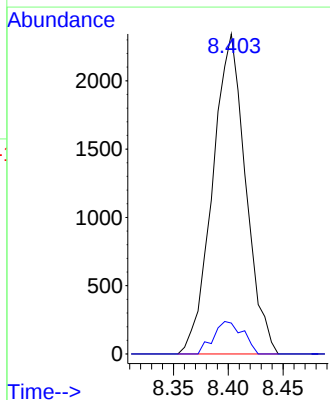
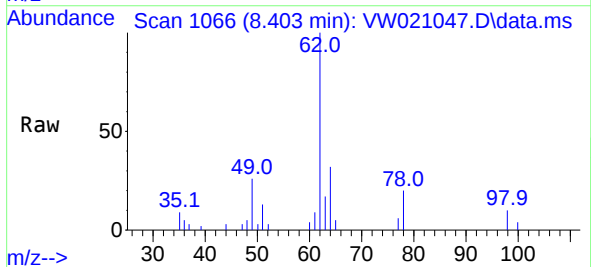
Manual Integrations
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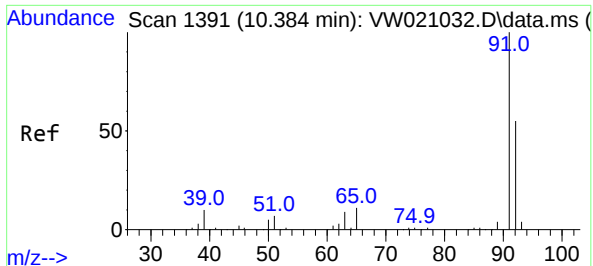
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#27
1,2-Dichloroethane
Concen: 3.130 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

Tgt Ion: 62 Resp: 4907
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7





#42

Toluene

Concen: 2.455 ug/L

RT: 10.390 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VW021047.D

Acq: 02 Dec 2021 15:12

Instrument :

MSVOA_W

ClientSampleId :

EX889

Tgt Ion: 91 Resp: 1131

Ion Ratio Lower Upper

91 100

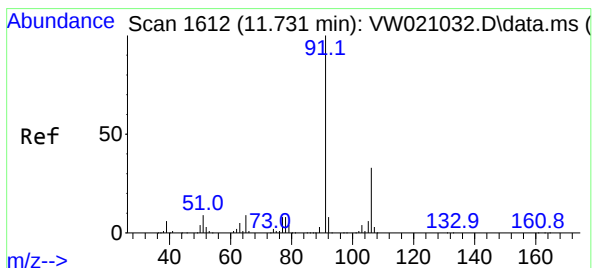
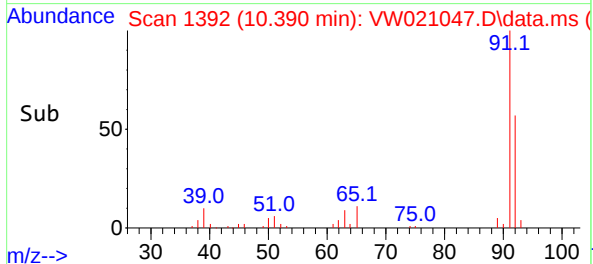
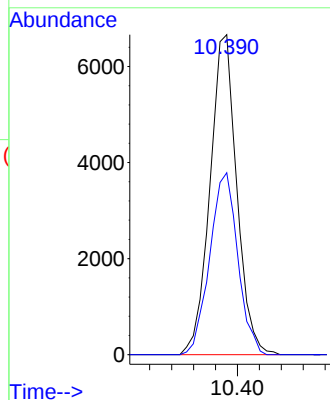
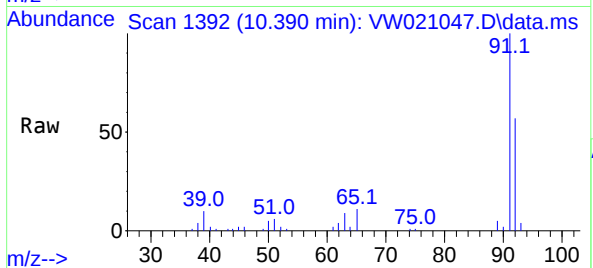
92 56.9 41.7 77.5

Manual Integrations

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#52

Ethylbenzene

Concen: 0.859 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW021047.D

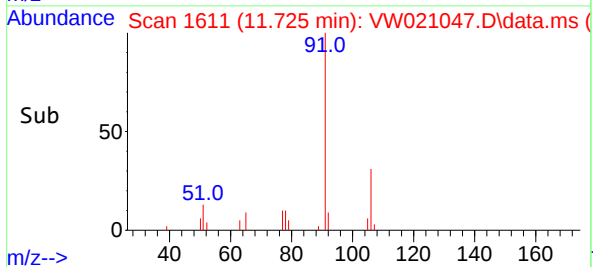
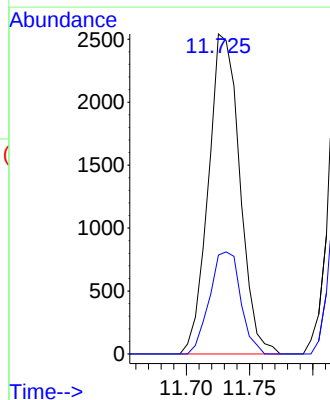
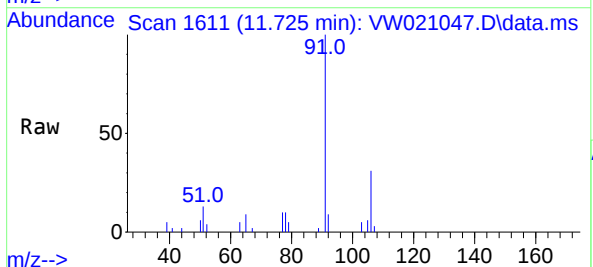
Acq: 02 Dec 2021 15:12

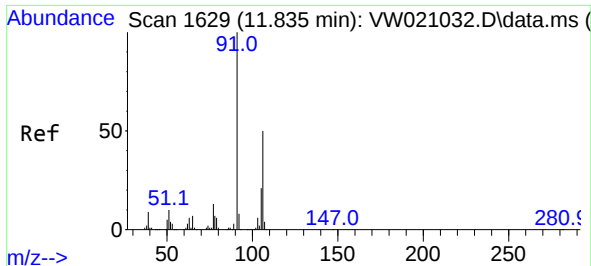
Tgt Ion: 91 Resp: 4386

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9





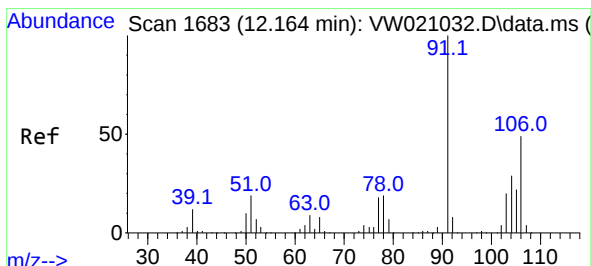
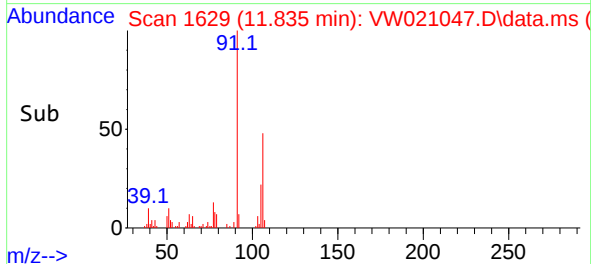
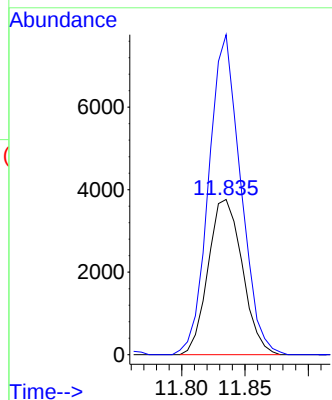
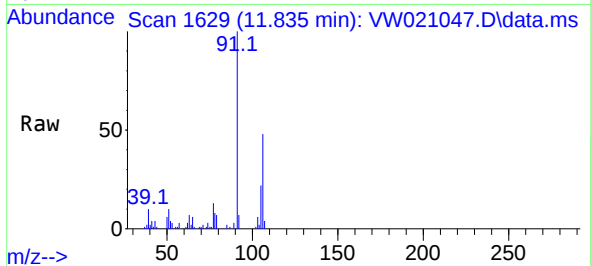
#53
m,p-Xylene
Concen: 3.390 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

Instrument :
MSVOA_W
ClientSampleId :
EX889

Tgt Ion:106 Resp: 7069
Ion Ratio Lower Upper
106 100
91 206.2 149.9 278.3

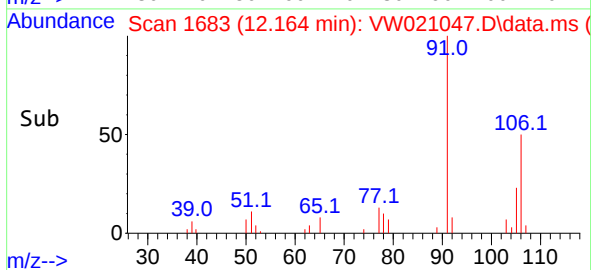
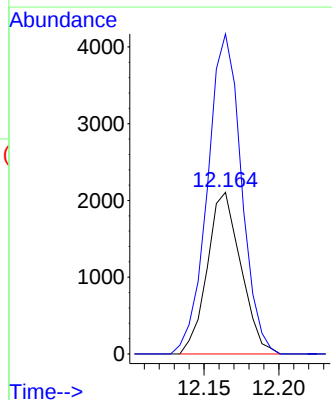
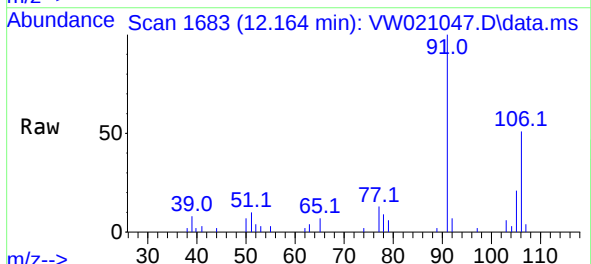
Manual Integrations
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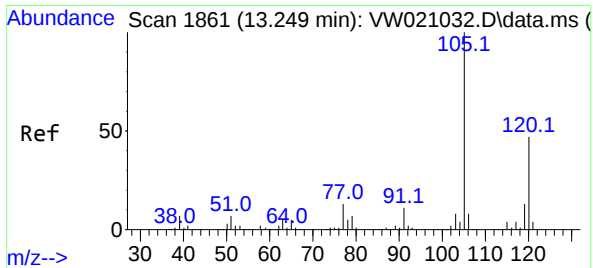
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#54
o-Xylene
Concen: 1.644 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021047.D
Acq: 02 Dec 2021 15:12

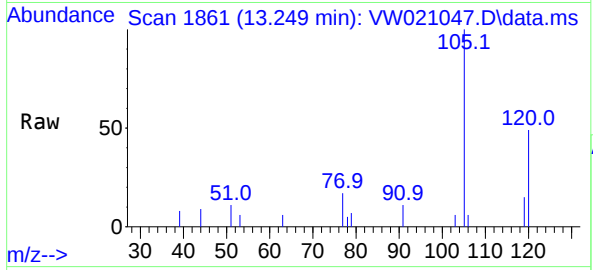
Tgt Ion:106 Resp: 3293
Ion Ratio Lower Upper
106 100
91 198.0 153.6 285.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.826 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021047.D
 Acq: 02 Dec 2021 15:12

Instrument : MSVOA_W
 ClientSampleId : EX889



Tgt Ion:105 Resp: 1554

Ion	Ratio	Lower	Upper
105	100		
120	48.9	35.0	52.6

Manual Integrations
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