

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021026.D
 Acq On : 02 Dec 2021 05:52
 Operator : SY/VA
 Sample : M4881-14
 Misc : 4.94g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F0

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 00:22:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	70490	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	30787	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18995	23.231	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.920%		
7) Chloroethane-d5	2.885	69	14443	27.389	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.560%		
11) 1,1-Dichloroethene-d2	4.019	63	23313	14.736	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.960%		
21) 2-Butanone-d5	7.074	46	10776	52.802	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.600%		
24) Chloroform-d	7.653	84	45788	25.780	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.120%		
26) 1,2-Dichloroethane-d4	8.305	65	22705	25.185	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.760%		
32) Benzene-d6	8.275	84	74632	45.994	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	183.960%#		
36) 1,2-Dichloropropane-d6	9.274	67	23798	51.504	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	206.000%#		
41) Toluene-d8	10.323	98	47145	29.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	117.080%		
43) trans-1,3-Dichloroprop...	10.579	79	4582	20.980	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.920%		
47) 2-Hexanone-d5	10.920	63	6816	88.943	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	177.880%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12904	36.456	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	145.840%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	3614	25.261	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.040%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	1253m	6.877	ug/L	
16) Methylene chloride	4.915	84	4122	4.193	ug/L	77
27) 1,2-Dichloroethane	8.403	62	2117	2.028	ug/L	# 86
29) Cyclohexane	7.951	56	623	0.908	ug/L	# 75
34) Trichloroethene	9.092	95	60587	124.263	ug/L	96
35) Methylcyclohexane	9.335	83	1892	2.354	ug/L	# 87
42) Toluene	10.390	91	3349	1.708	ug/L	81
52) Ethylbenzene	11.731	91	1104	0.508	ug/L	# 82
53) m,p-Xylene	11.835	106	1719	1.938	ug/L	68
54) o-Xylene	12.170	106	641	0.752	ug/L	69
62) 1,3,5-Trimethylbenzene	12.944	105	363	0.787	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	978	2.149	ug/L	91

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

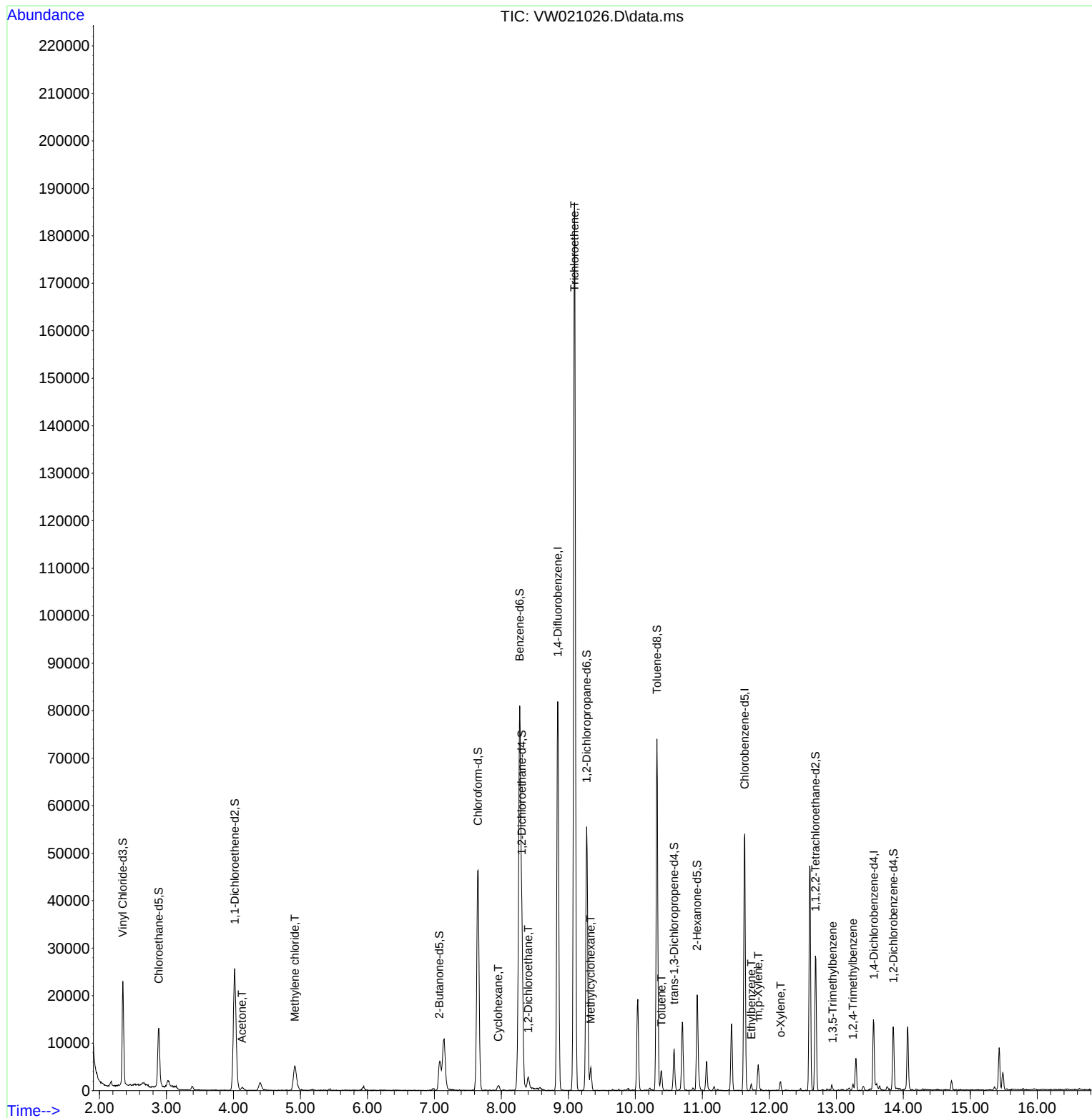
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021026.D
Acq On : 02 Dec 2021 05:52
Operator : SY/VA
Sample : M4881-14
Misc : 4.94g/10.0mL/MSVOA_W/SOIL
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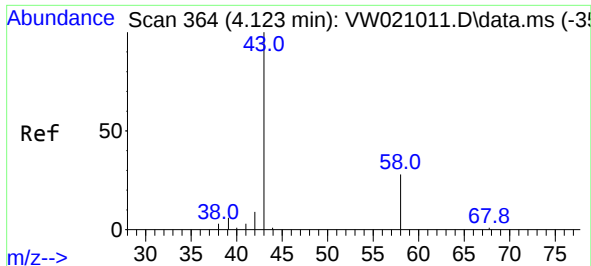
Instrument :
MSVOA_W
ClientSampleId :
EW9F0

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Quant Time: Dec 03 00:22:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration





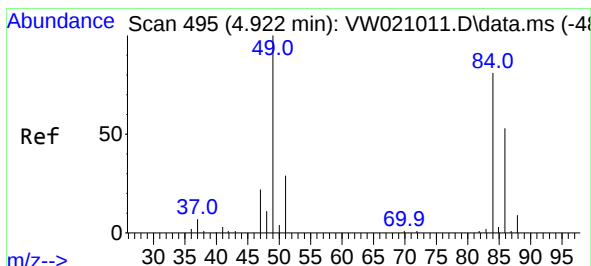
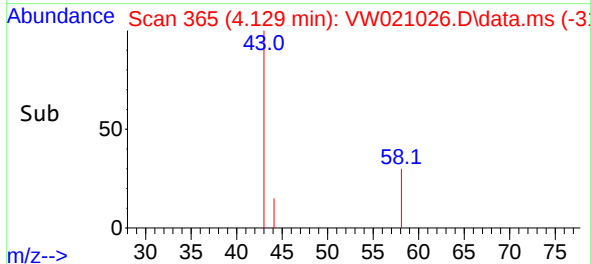
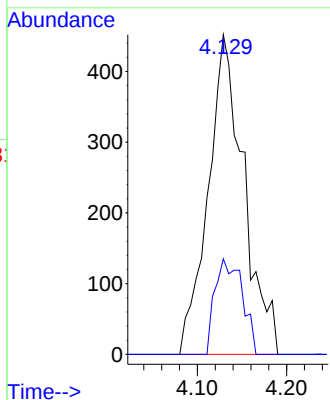
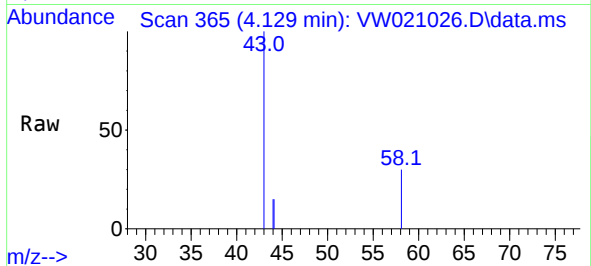
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Acetone
Concen: 6.877 ug/L m
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52

Instrument :
MSVOA_W
ClientSampleId :
EW9F0

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 12.7 0.0 52.8

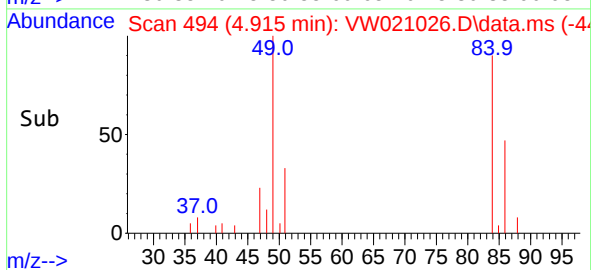
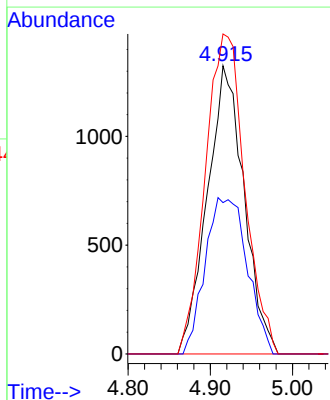
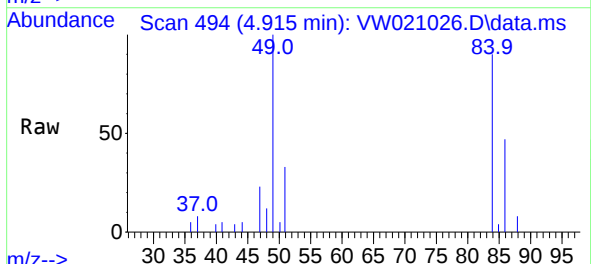
Manual Integrations
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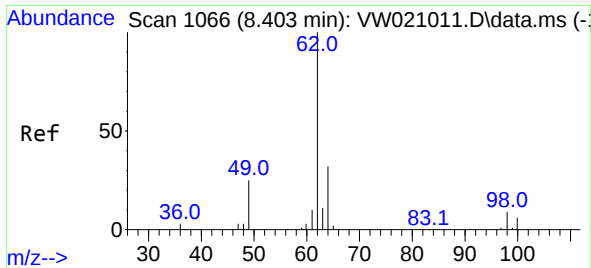
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#16
Methylene chloride
Concen: 4.193 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52

Tgt Ion: 84 Resp: 4122
Ion Ratio Lower Upper
84 100
86 52.5 45.5 84.5
49 111.0 100.5 186.7





#27

1,2-Dichloroethane

Concen: 2.028 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021026.D

Acq: 02 Dec 2021 05:52

Instrument :

MSVOA_W

ClientSampleId :

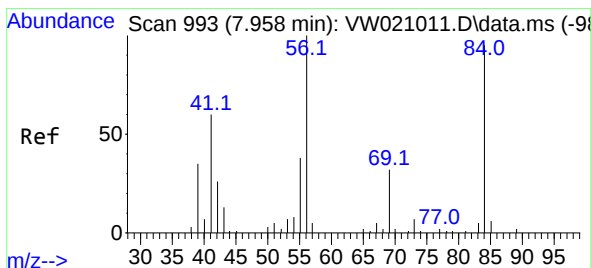
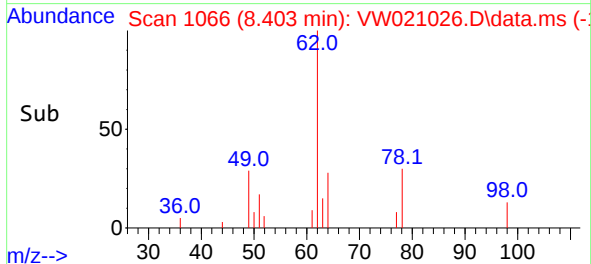
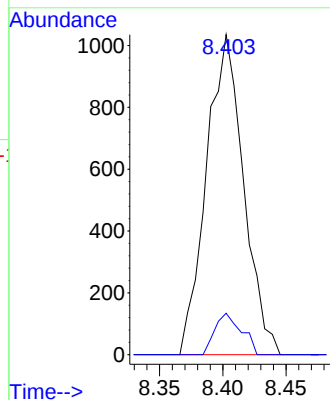
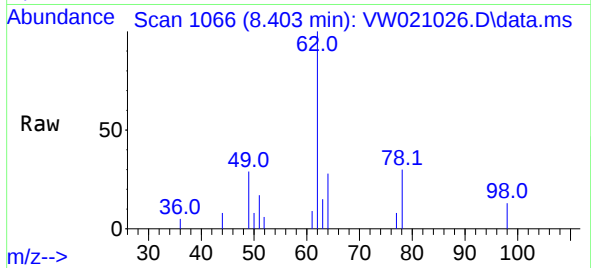
EW9F0

Tgt Ion:	62	Resp:	211
Ion	Ratio	Lower	Upper
62	100		
98	12.9	6.5	9.7

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#29

Cyclohexane

Concen: 0.908 ug/L

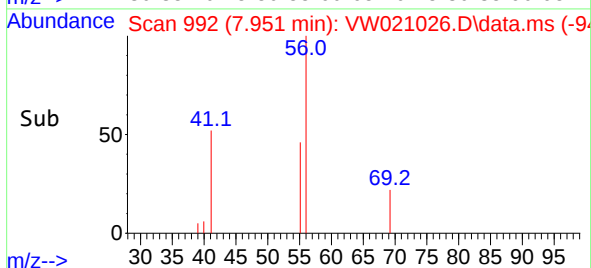
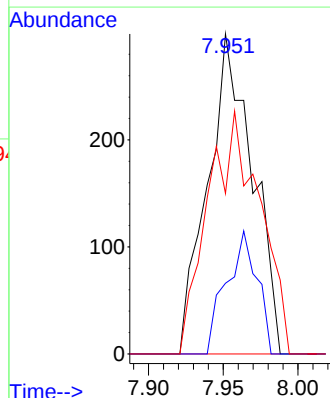
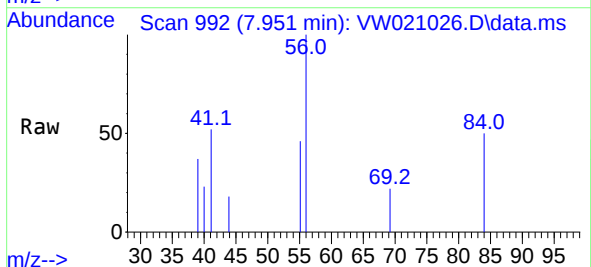
RT: 7.951 min Scan# 992

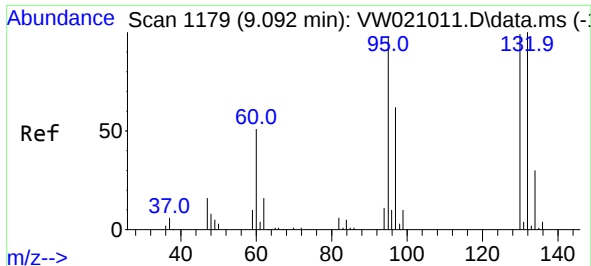
Delta R.T. -0.006 min

Lab File: VW021026.D

Acq: 02 Dec 2021 05:52

Tgt Ion:	56	Resp:	623
Ion	Ratio	Lower	Upper
56	100		
69	26.3	23.5	35.3
84	50.6	63.4	95.2





#34

Trichloroethene

Concen: 124.263 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021026.D

Acq: 02 Dec 2021 05:52

Instrument :

MSVOA_W

ClientSampleId :

EW9F0

Tgt Ion: 95 Resp: 6058

Ion Ratio Lower Upper

95 100

97 69.1 47.0 87.2

132 100.4 65.5 121.6

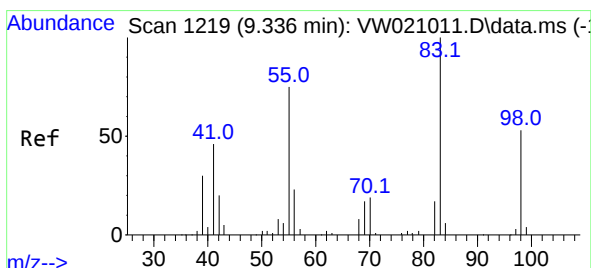
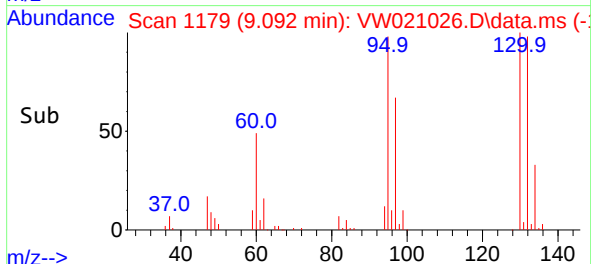
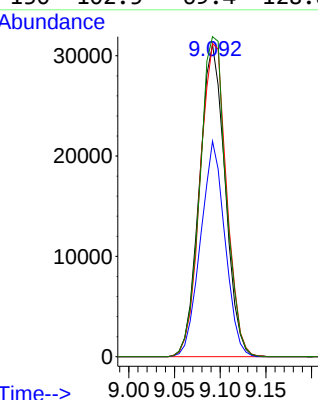
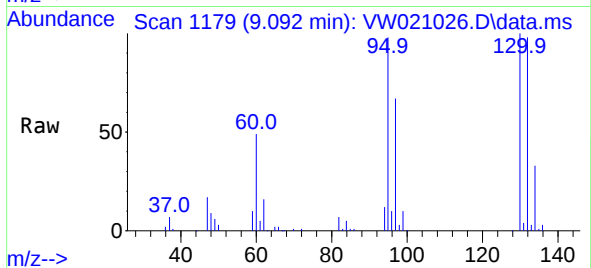
130 102.5 69.4 128.8

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Supervised By :Amit Patel 12/07/2021



#35

Methylcyclohexane

Concen: 2.354 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021026.D

Acq: 02 Dec 2021 05:52

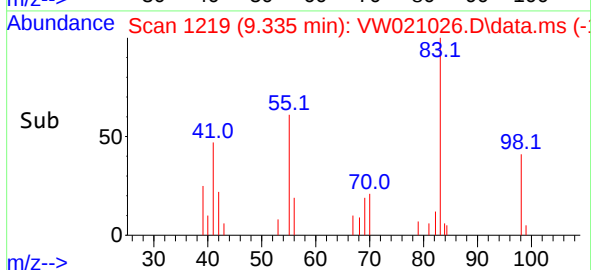
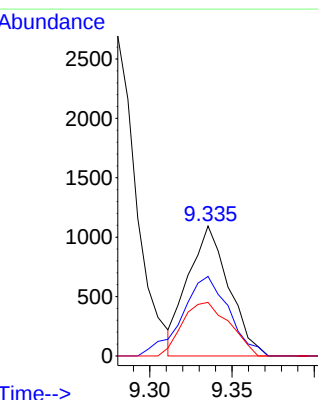
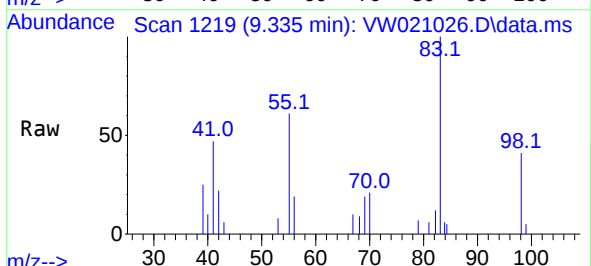
Tgt Ion: 83 Resp: 1892

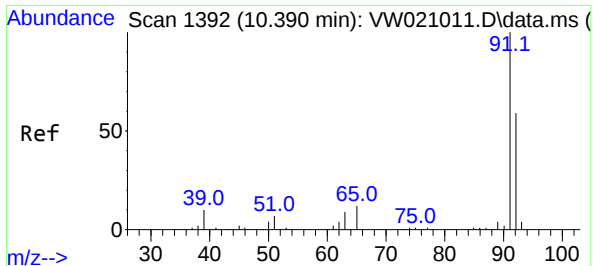
Ion Ratio Lower Upper

83 100

55 70.3 70.8 106.2#

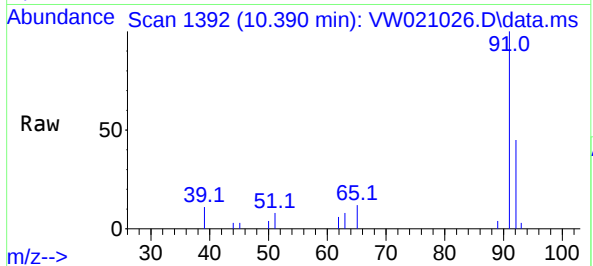
98 47.5 37.7 56.5





#42
Toluene
Concen: 1.708 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52

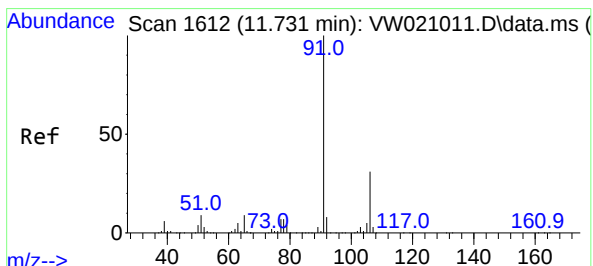
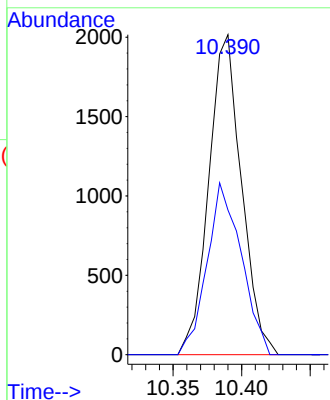
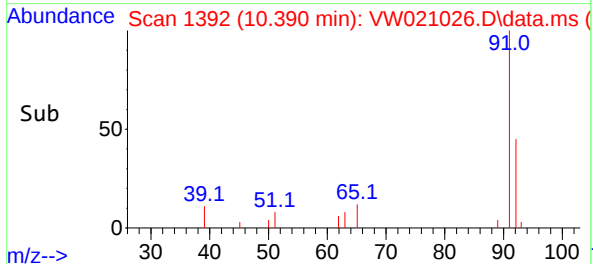
Instrument :
MSVOA_W
ClientSampleId :
EW9F0



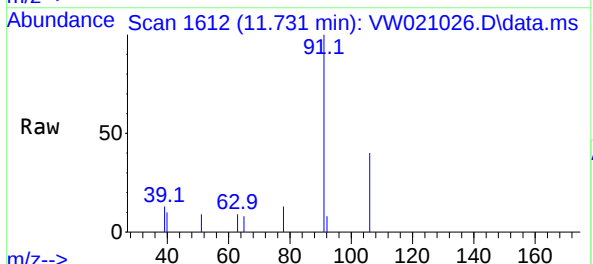
Tgt Ion: 91 Resp: 3349
Ion Ratio Lower Upper
91 100
92 45.2 41.7 77.5

Manual Integrations
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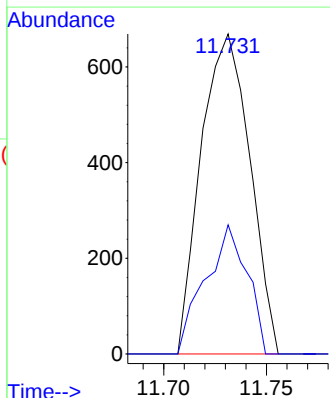
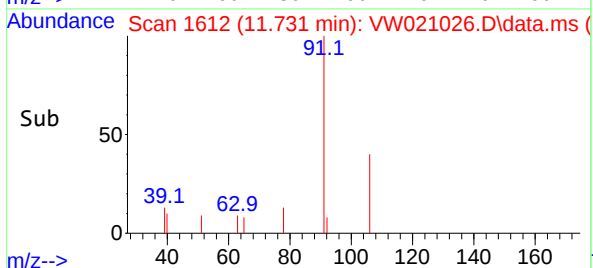
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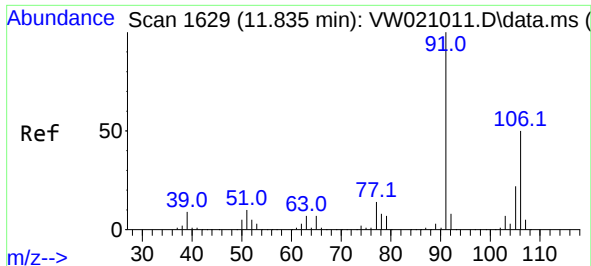


#52
Ethylbenzene
Concen: 0.508 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52



Tgt Ion: 91 Resp: 1104
Ion Ratio Lower Upper
91 100
106 40.4 21.5 39.9#





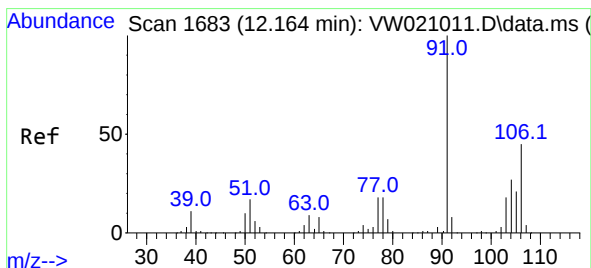
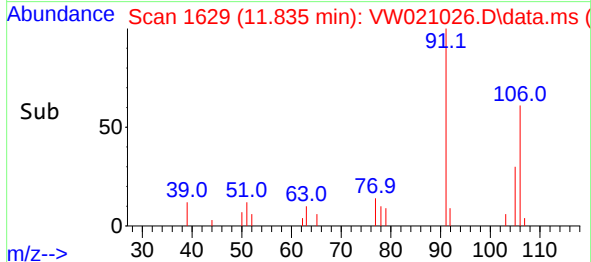
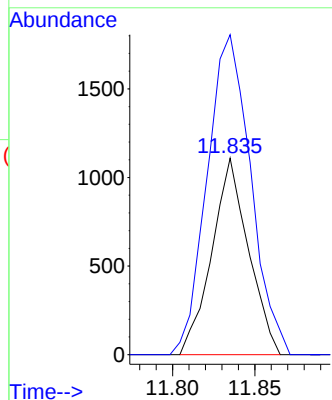
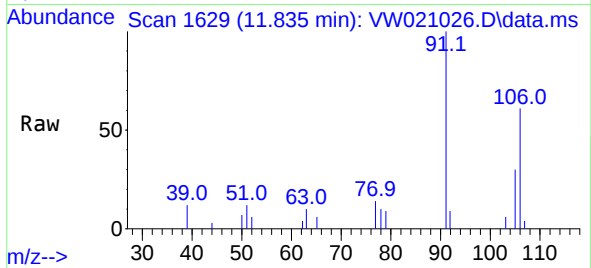
#53
m,p-Xylene
Concen: 1.938 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52

Instrument :
MSVOA_W
ClientSampleId :
EW9F0

Tgt Ion:106 Resp: 1719
Ion Ratio Lower Upper
106 100
91 162.8 149.9 278.3

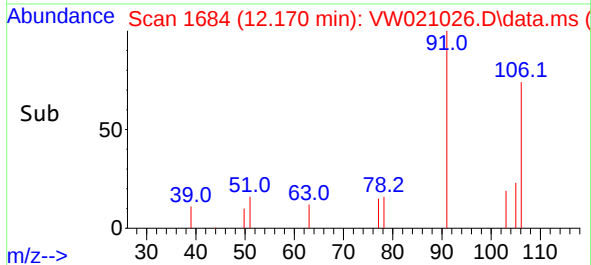
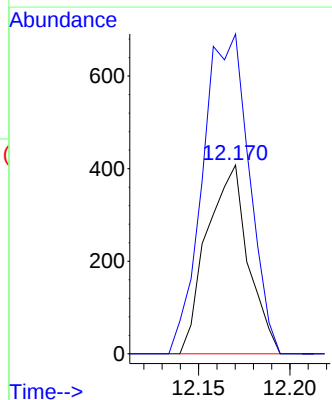
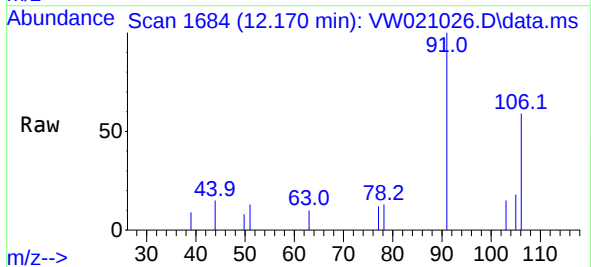
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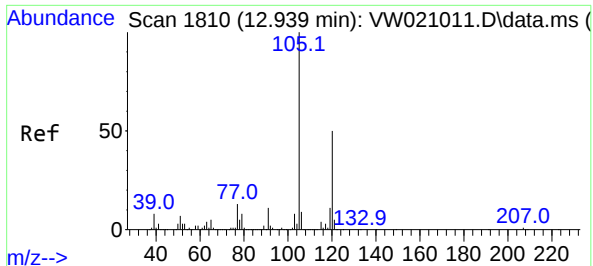
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#54
o-Xylene
Concen: 0.752 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52

Tgt Ion:106 Resp: 641
Ion Ratio Lower Upper
106 100
91 169.4 153.6 285.3





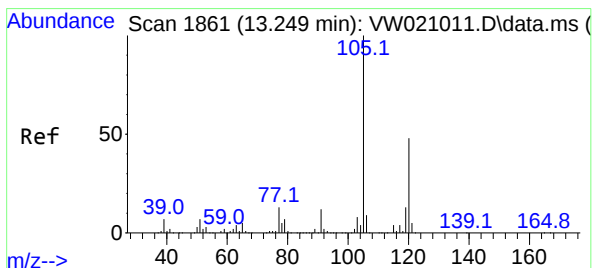
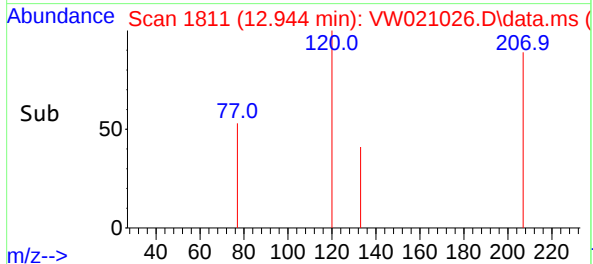
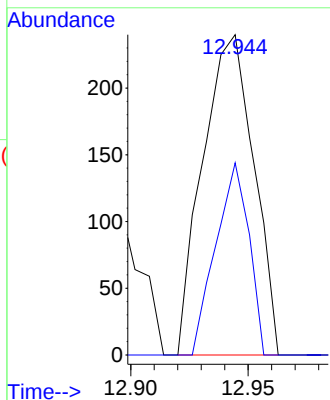
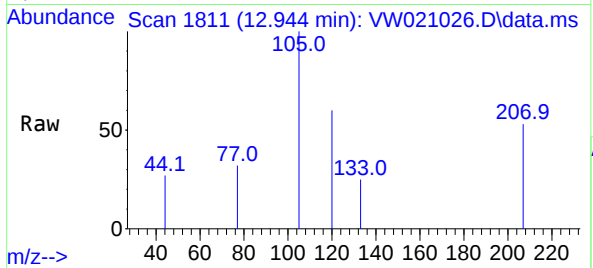
#62
1,3,5-Trimethylbenzene
Concen: 0.787 ug/L
RT: 12.944 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52

Instrument :
MSVOA_W
ClientSampleId :
EW9F0

Tgt Ion:105 Resp: 361
Ion Ratio Lower Upper
105 100
120 38.8 37.4 56.2

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Supervised By :Amit Patel 12/07/2021



#63
1,2,4-Trimethylbenzene
Concen: 2.149 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021026.D
Acq: 02 Dec 2021 05:52

Tgt Ion:105 Resp: 978
Ion Ratio Lower Upper
105 100
120 37.7 35.0 52.6

