

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021100.D
 Acq On : 04 Dec 2021 06:27
 Operator : SY/VA
 Sample : M4883-12
 Misc : 3.22g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/06/2021

Quant Time: Dec 04 07:05:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	57121	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	25787	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	3973	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40593	51.006	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 204.040%#			
7) Chloroethane-d5	2.885	69	26085	48.962	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 195.840%#			
11) 1,1-Dichloroethene-d2	4.013	63	41729	32.822	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 131.280%#			
21) 2-Butanone-d5	7.079	46	11493	63.312	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.620%			
24) Chloroform-d	7.653	84	59254	41.421	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 165.680%#			
26) 1,2-Dichloroethane-d4	8.311	65	27648	35.328	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 141.320%#			
32) Benzene-d6	8.274	84	101517	76.994	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 307.960%#			
36) 1,2-Dichloropropane-d6	9.274	67	31266	85.330	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 341.320%#			
41) Toluene-d8	10.323	98	64018	47.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 189.400%#			
43) trans-1,3-Dichloroprop...	10.579	79	5070	30.473	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 121.880%			
47) 2-Hexanone-d5	10.926	63	6336	90.380	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 180.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	13761	40.595	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 162.400%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	4614	32.413	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 129.640%#			
Target Compounds						Qvalue
13) Acetone	4.153	43	942m	5.697	ug/L	
16) Methylene chloride	4.915	84	5653	6.282	ug/L	86
27) 1,2-Dichloroethane	8.402	62	4612	5.017	ug/L	# 95
34) Trichloroethene	9.091	95	132559	327.663	ug/L	93
35) Methylcyclohexane	9.341	83	1736m	2.549	ug/L	
42) Toluene	10.390	91	9668	5.772	ug/L	88
46) Tetrachloroethene	10.865	164	2599	7.016	ug/L	89
52) Ethylbenzene	11.731	91	1033	0.548	ug/L	89
53) m,p-Xylene	11.835	106	1673	2.145	ug/L	82
54) o-Xylene	12.164	106	1127	1.532	ug/L	81
60) Isopropylbenzene	12.463	105	442	0.801	ug/L	# 88
63) 1,2,4-Trimethylbenzene	13.249	105	852	1.832	ug/L	100

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

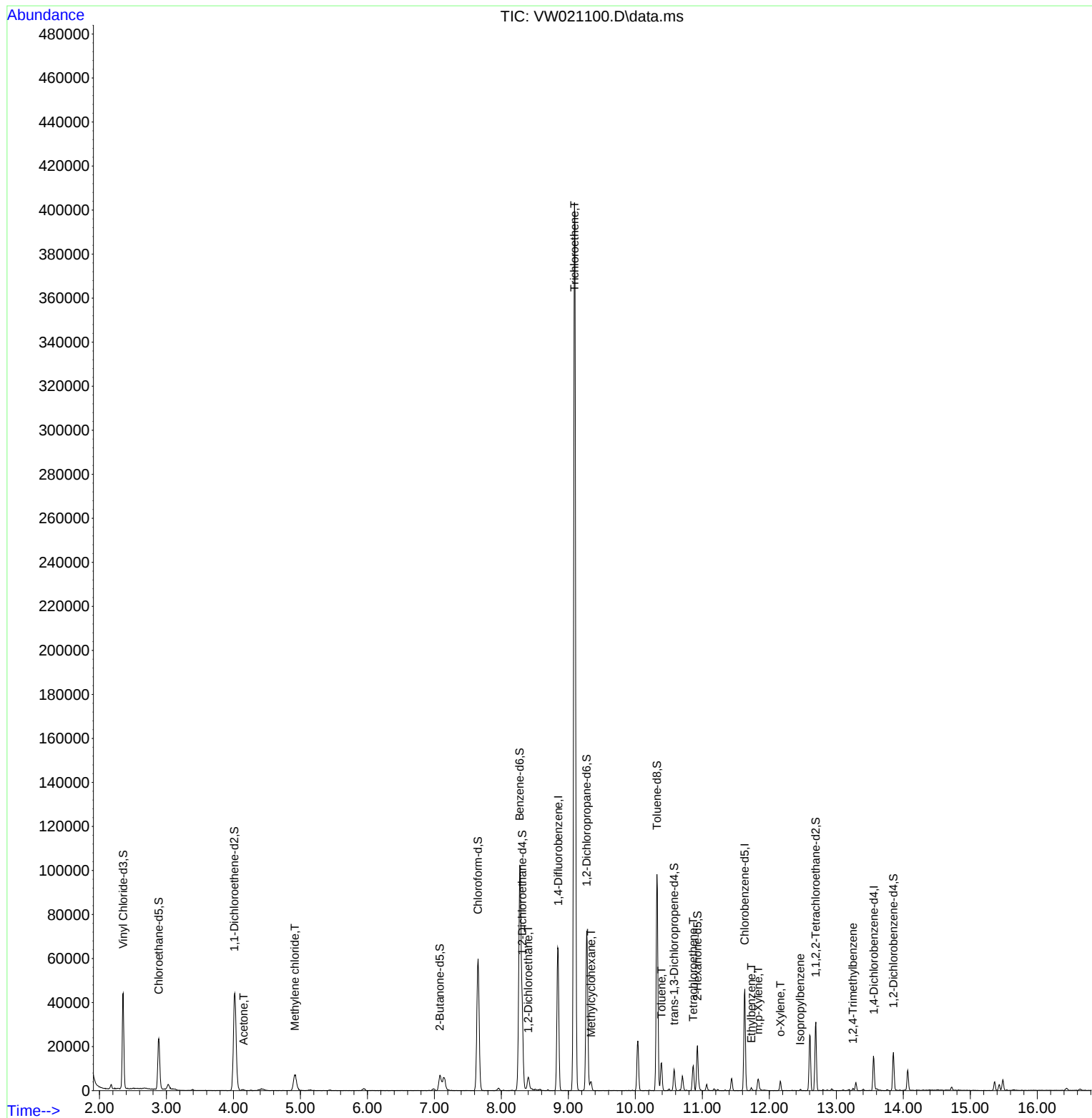
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021100.D
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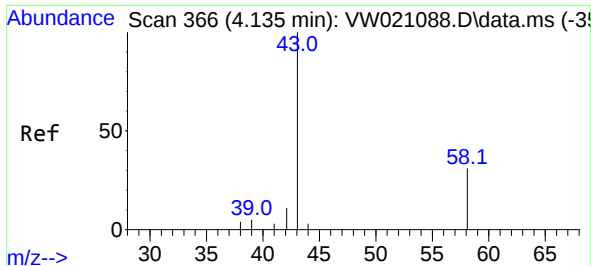
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration





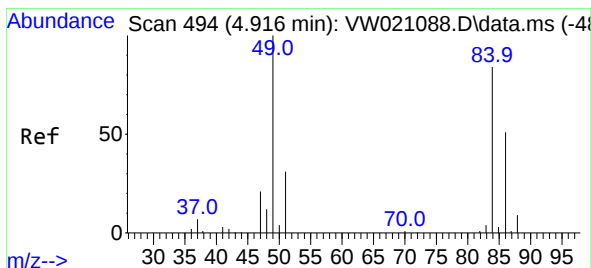
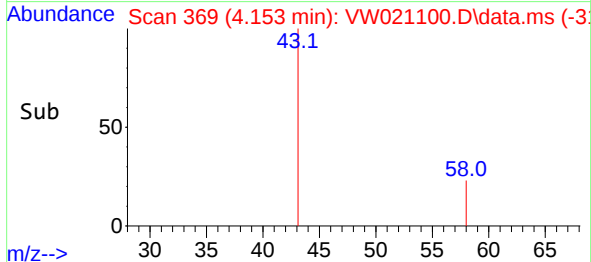
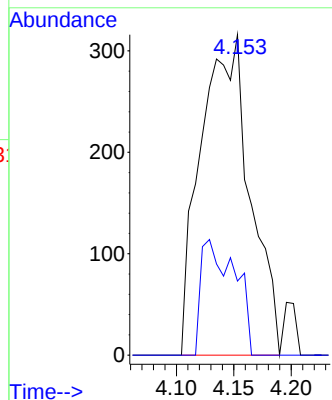
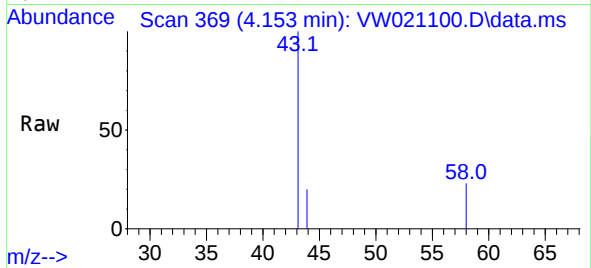
#13
Acetone
Concen: 5.697 ug/L m
RT: 4.153 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

Instrument :
MSVOA_W
ClientSampleId :
EW9G8

Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
58 15.1 0.0 52.8

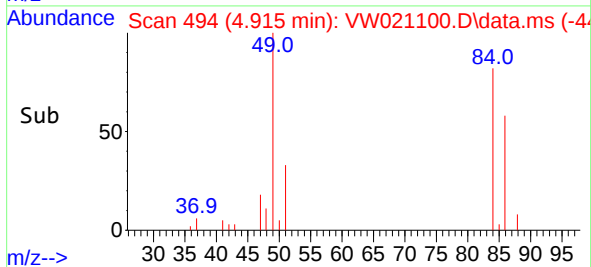
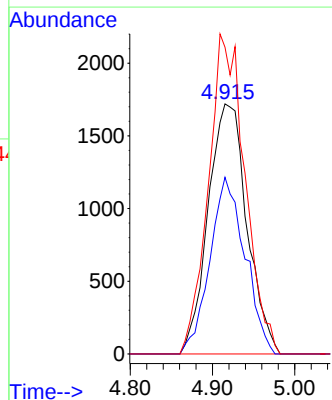
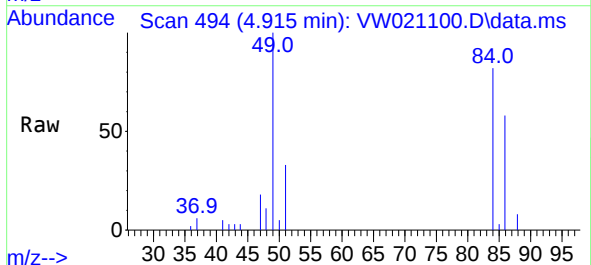
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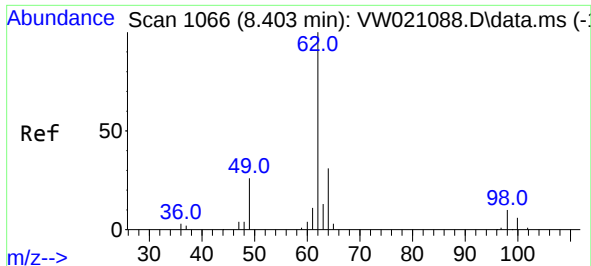
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#16
Methylene chloride
Concen: 6.282 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

Tgt Ion: 84 Resp: 5653
Ion Ratio Lower Upper
84 100
86 70.6 45.5 84.5
49 122.7 100.5 186.7





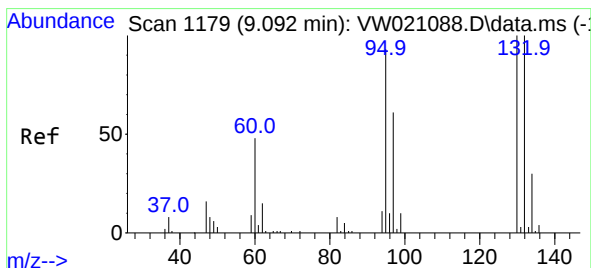
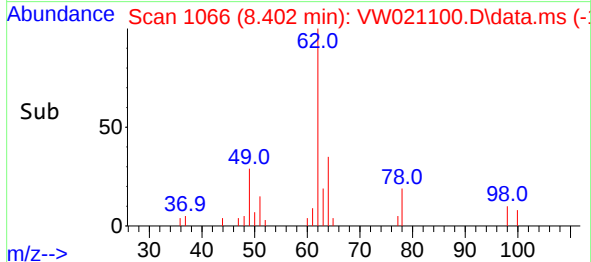
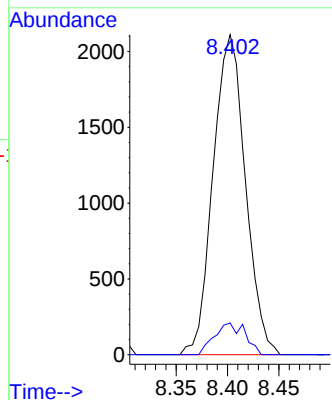
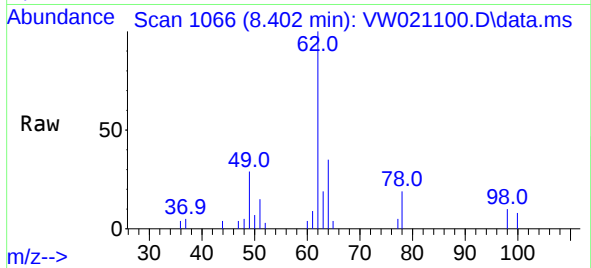
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1,2-Dichloroethane
Concen: 5.017 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

Instrument :
MSVOA_W
ClientSampleId :
EW9G8

Tgt Ion: 62 Resp: 4612
Ion Ratio Lower Upper
62 100
98 9.9 6.5 9.7

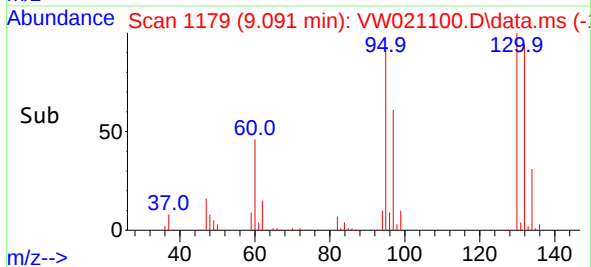
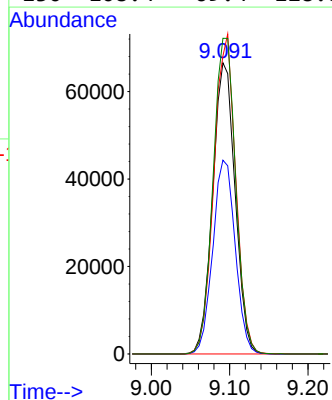
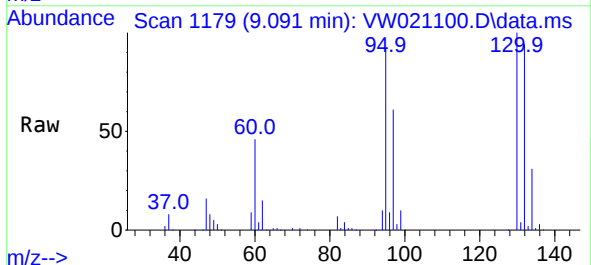
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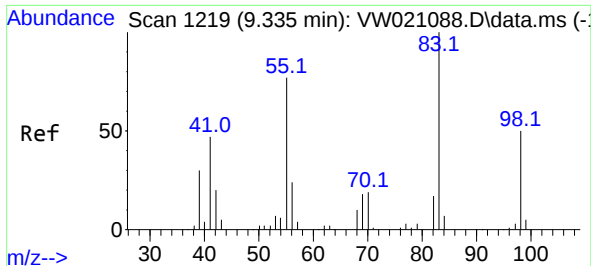
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#34
Trichloroethene
Concen: 327.663 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

Tgt Ion: 95 Resp: 132559
Ion Ratio Lower Upper
95 100
97 66.6 47.0 87.2
132 102.3 65.5 121.6
130 108.4 69.4 128.8





#35

Methylcyclohexane

Concen: 2.549 ug/L m

RT: 9.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021100.D

Acq: 04 Dec 2021 06:27

Instrument :

MSVOA_W

ClientSampleId :

EW9G8

Tgt Ion: 83 Resp: 1730

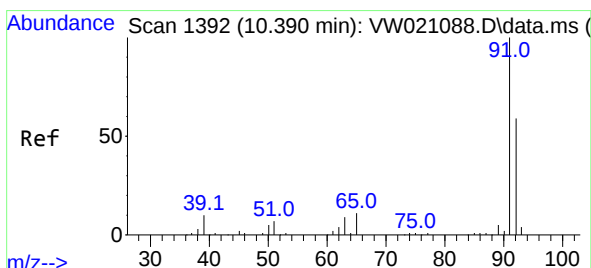
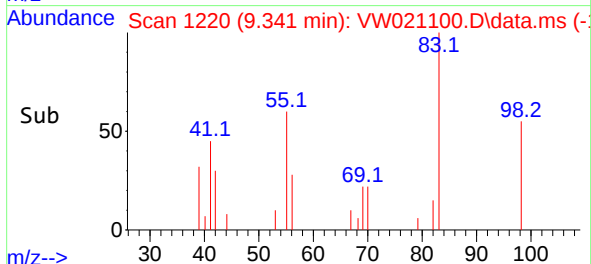
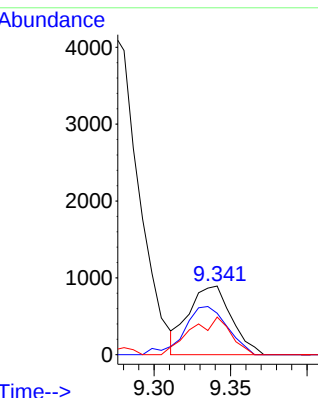
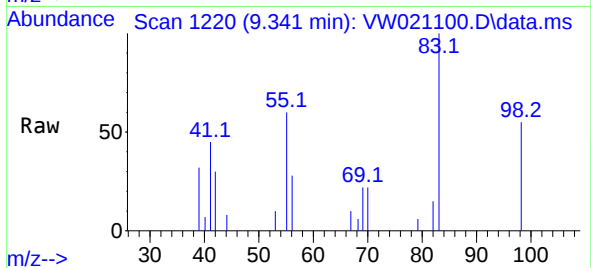
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2
98	4.5	37.7	56.5

Manual Integrations

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Supervised By :Amit Patel 12/06/2021



#42

Toluene

Concen: 5.772 ug/L

RT: 10.390 min Scan# 1392

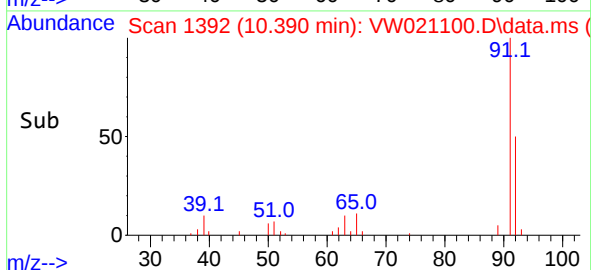
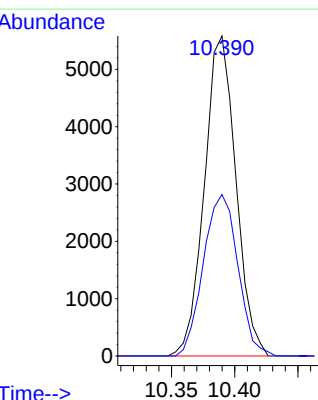
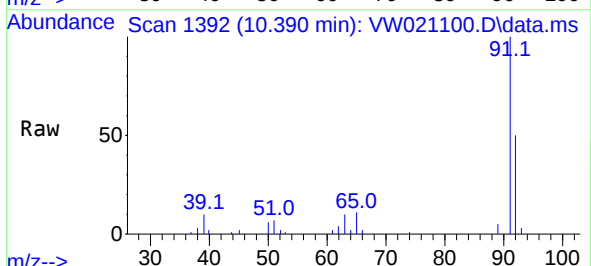
Delta R.T. -0.000 min

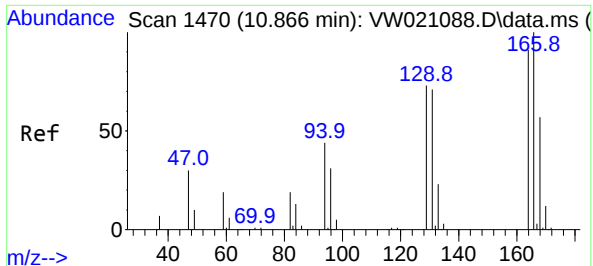
Lab File: VW021100.D

Acq: 04 Dec 2021 06:27

Tgt Ion: 91 Resp: 9668

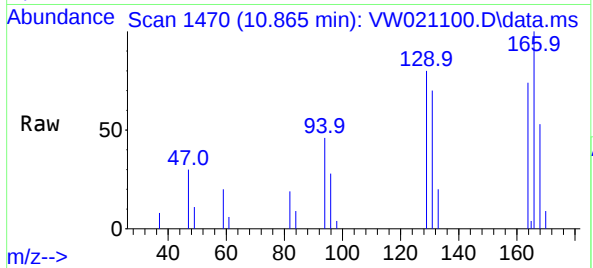
Ion	Ratio	Lower	Upper
91	100		
92	50.4	41.7	77.5





#46
Tetrachloroethene
Concen: 7.016 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

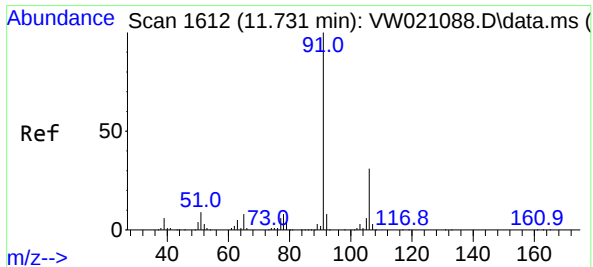
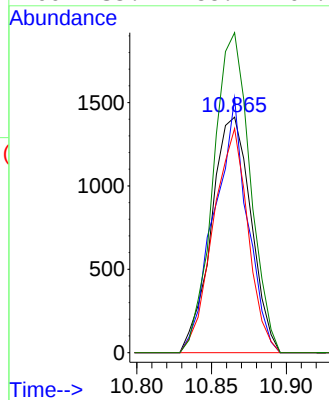
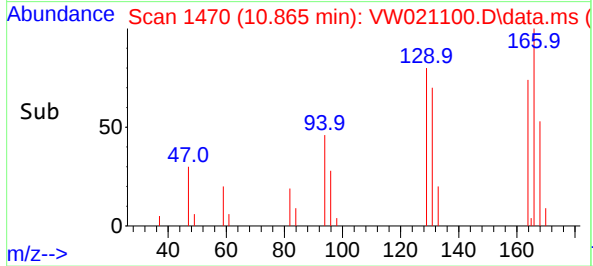
Instrument :
MSVOA_W
ClientSampleId :
EW9G8



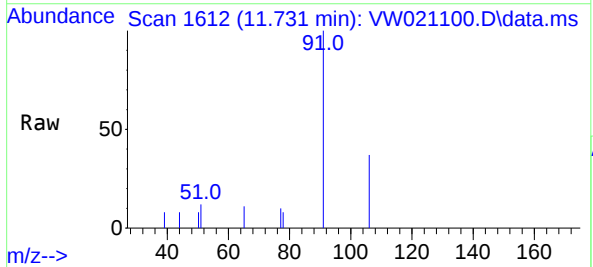
Tgt Ion:164 Resp: 2599
Ion Ratio Lower Upper
164 100
129 108.2 65.5 121.7
131 95.2 59.7 110.9
166 135.9 88.7 164.7

Manual Integrations
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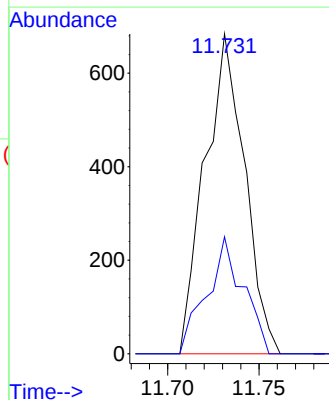
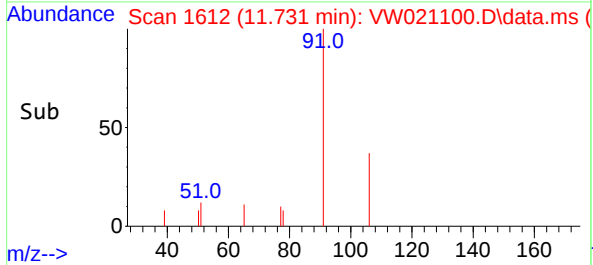
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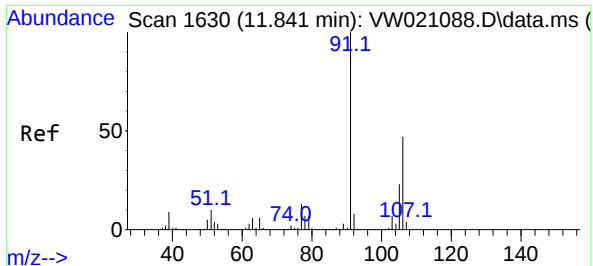


#52
Ethylbenzene
Concen: 0.548 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27



Tgt Ion: 91 Resp: 1033
Ion Ratio Lower Upper
91 100
106 36.5 21.5 39.9





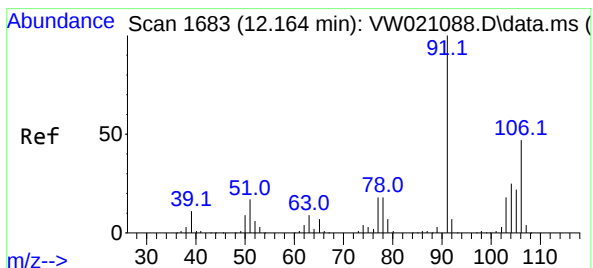
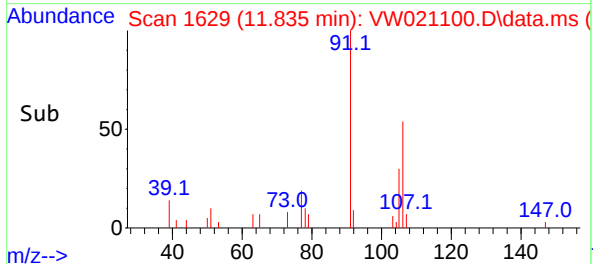
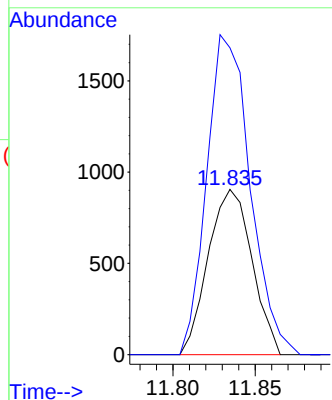
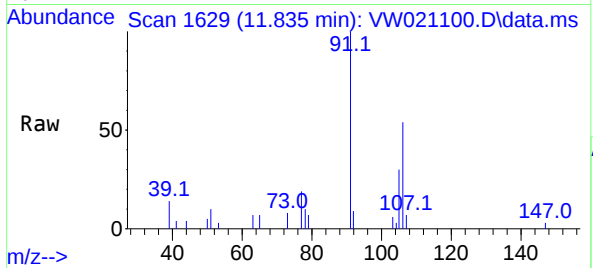
#53
m,p-Xylene
Concen: 2.145 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

Instrument :
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ClientSampleId :
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Tgt Ion:106 Resp: 167
Ion Ratio Lower Upper
106 100
91 185.7 149.9 278.3

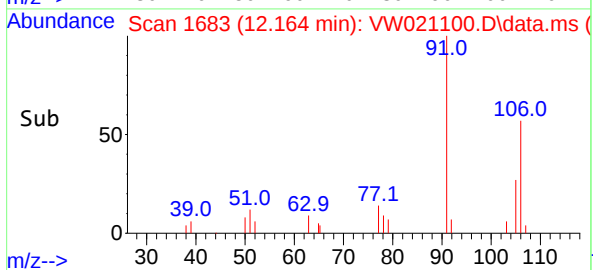
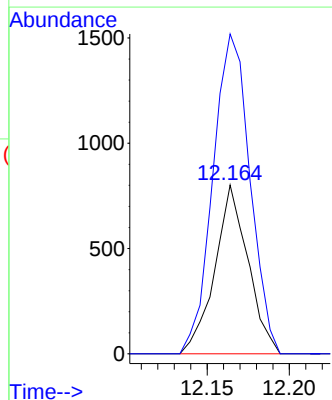
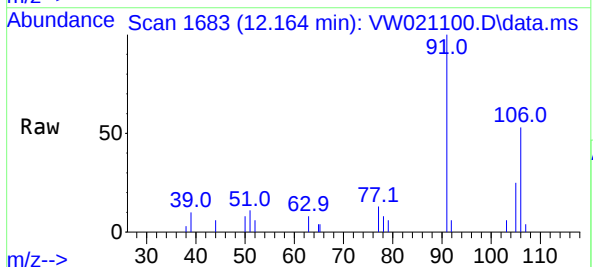
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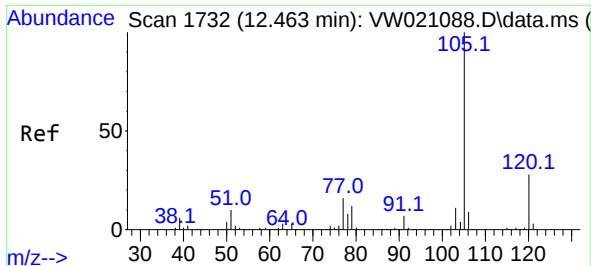
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#54
o-Xylene
Concen: 1.532 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

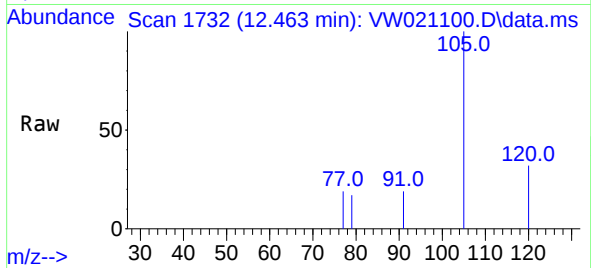
Tgt Ion:106 Resp: 1127
Ion Ratio Lower Upper
106 100
91 189.4 153.6 285.3





#60
Isopropylbenzene
Concen: 0.801 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27

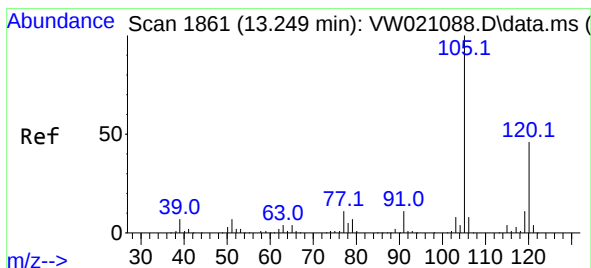
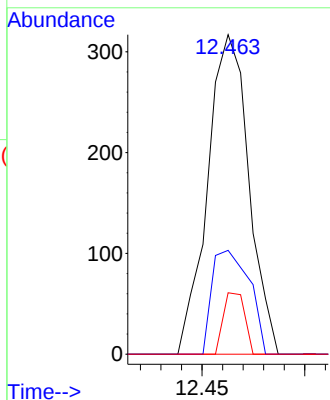
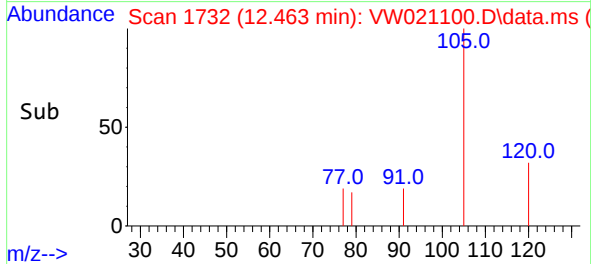
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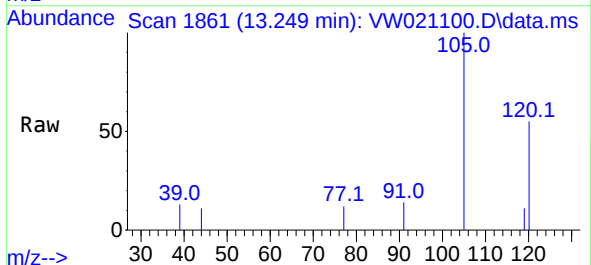
Tgt Ion:105 Resp: 442
Ion Ratio Lower Upper
105 100
120 29.4 20.1 30.1
77 10.0 13.8 20.8

Manual Integrations
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Supervised By :Amit Patel 12/06/2021



#63
1,2,4-Trimethylbenzene
Concen: 1.832 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021100.D
Acq: 04 Dec 2021 06:27



Tgt Ion:105 Resp: 852
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.6

