

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021072.D
 Acq On : 03 Dec 2021 18:28
 Operator : SY/VA
 Sample : M4881-11RE
 Misc : 5.24g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9E7RE

Manual Integrations APPROVED

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

Quant Time: Dec 04 01:40:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97027	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	62770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16032	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23247	17.197	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.800%		
7) Chloroethane-d5	2.885	69	18658	20.618	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.480%		
11) 1,1-Dichloroethene-d2	4.013	63	27824	12.884	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.520%		
21) 2-Butanone-d5	7.086	46	13721	44.498	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.000%		
24) Chloroform-d	7.647	84	60659	24.964	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.840%		
26) 1,2-Dichloroethane-d4	8.305	65	30407	22.874	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.480%		
32) Benzene-d6	8.275	84	104869	32.675	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	130.680%		
36) 1,2-Dichloropropane-d6	9.274	67	33179	37.200	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	148.800%#		
41) Toluene-d8	10.323	98	82250	24.993	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.960%		
43) trans-1,3-Dichloroprop...	10.579	79	7780	19.210	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.840%		
47) 2-Hexanone-d5	10.921	63	10437	61.162	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.320%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23443	28.411	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.640%		
66) 1,2-Dichlorobenzene-d4	13.847	152	18054	31.430	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	125.720%#		
Target Compounds					Qvalue	
13) Acetone	4.141	43	1781m	6.341	ug/L	
16) Methylene chloride	4.915	84	6768	4.427	ug/L	81
27) 1,2-Dichloroethane	8.397	62	872	0.558	ug/L	# 77
33) Benzene	8.323	78	31929	8.945	ug/L	100
35) Methylcyclohexane	9.335	83	1227	0.740	ug/L	91
42) Toluene	10.390	91	14710	3.608	ug/L	96
53) m,p-Xylene	11.835	106	2858	1.505	ug/L	93
54) o-Xylene	12.164	106	1262	0.705	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	898	0.481	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	2037	1.085	ug/L	93

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

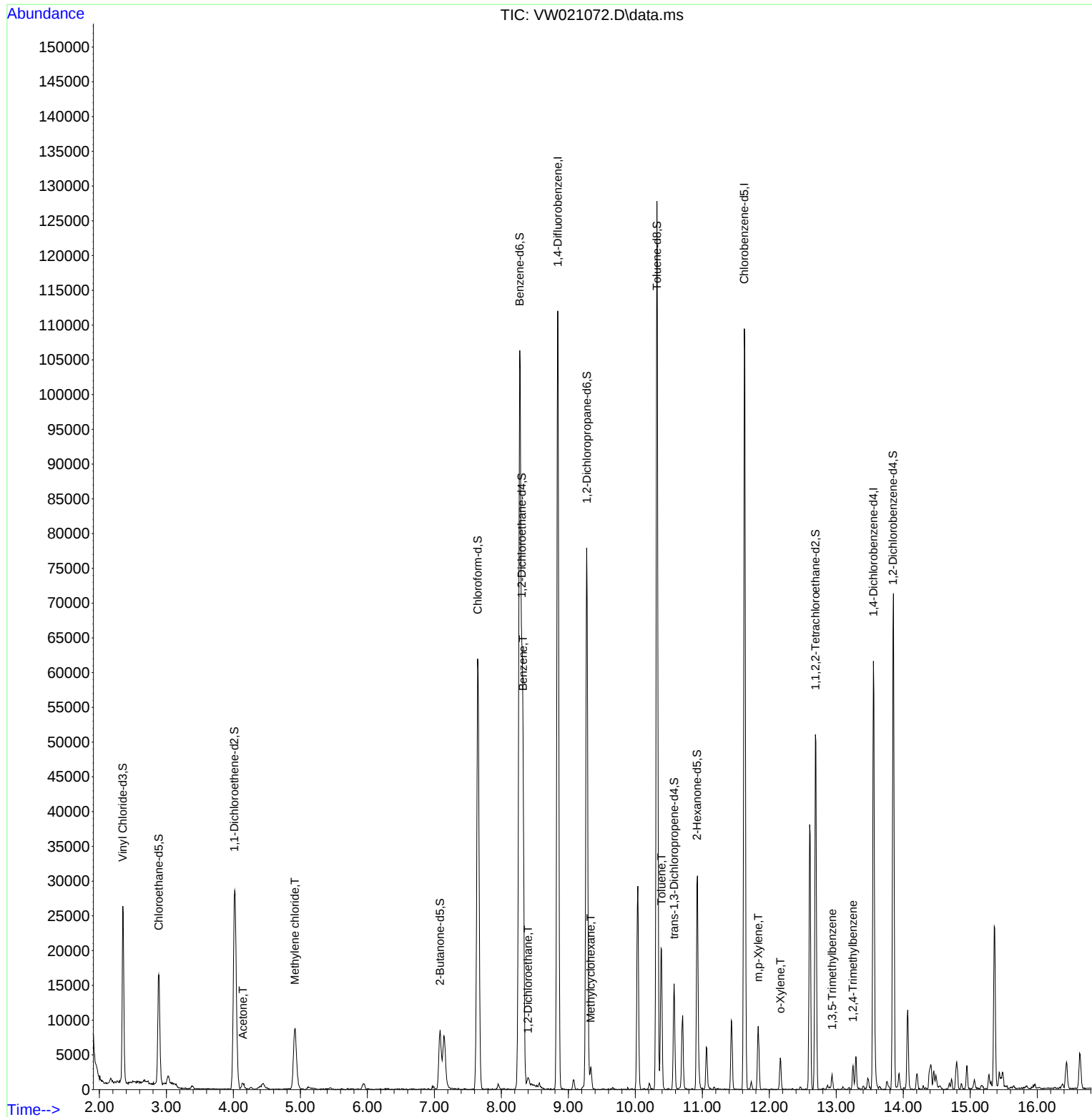
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021072.D
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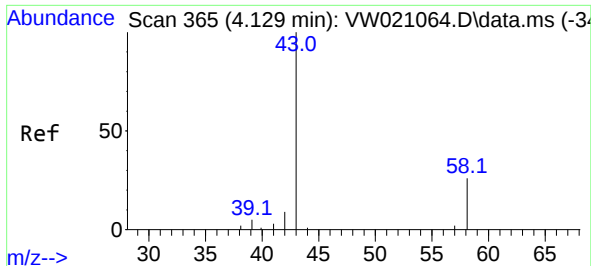
Instrument :
MSVOA_W
ClientSampleId :
EW9E7RE

Quant Time: Dec 04 01:40:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
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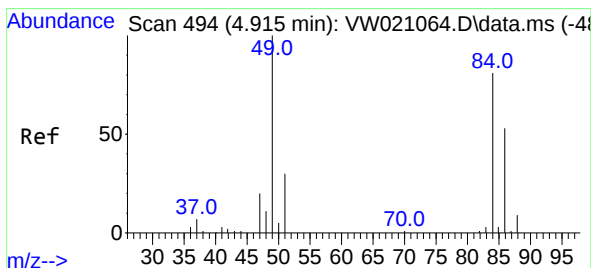
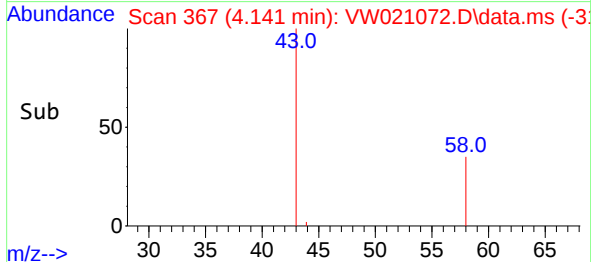
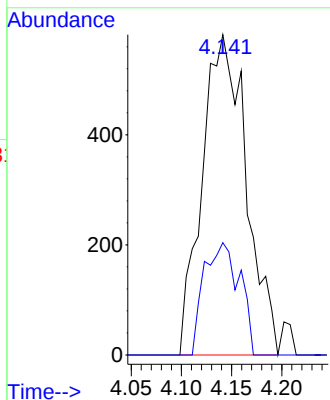
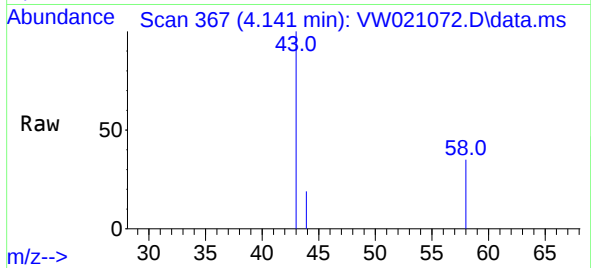
#13
Acetone
Concen: 6.341 ug/L m
RT: 4.141 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :
EW9E7RE

Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 7.2 0.0 52.8

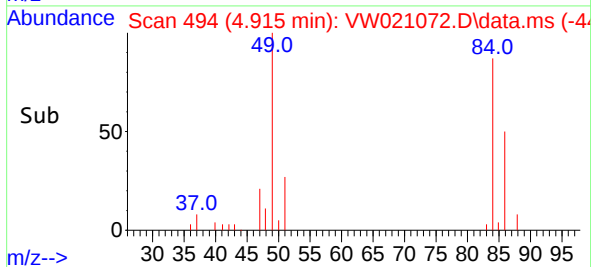
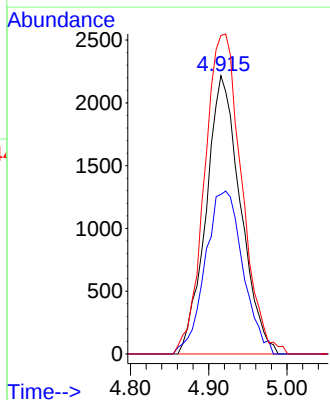
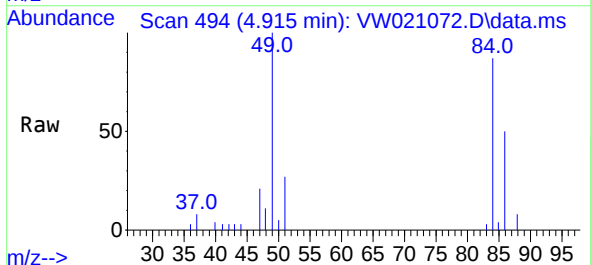
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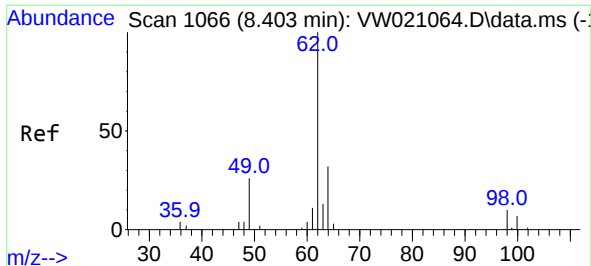
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Supervised By :Amit Patel 12/06/2021



#16
Methylene chloride
Concen: 4.427 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion: 84 Resp: 6768
Ion Ratio Lower Upper
84 100
86 57.3 45.5 84.5
49 114.4 100.5 186.7





#27

1,2-Dichloroethane

Concen: 0.558 ug/L

RT: 8.397 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VW021072.D

Acq: 03 Dec 2021 18:28

Instrument :

MSVOA_W

ClientSampleId :

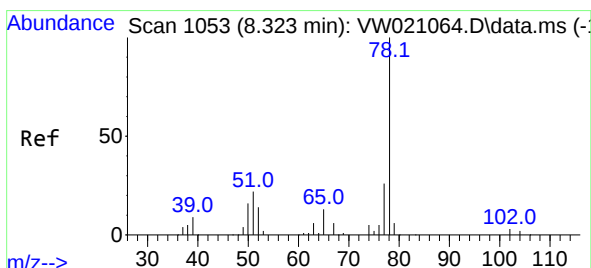
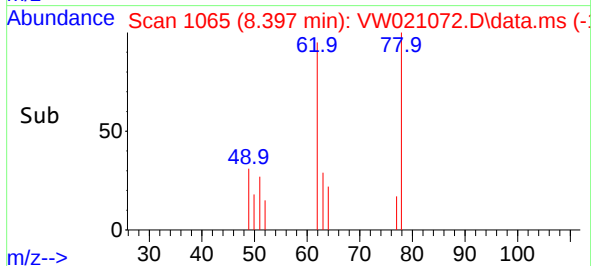
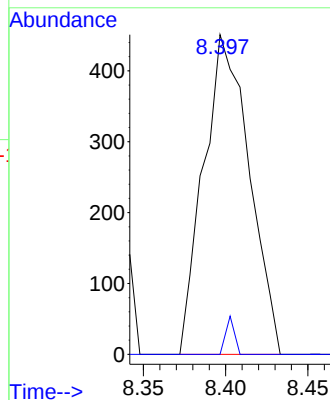
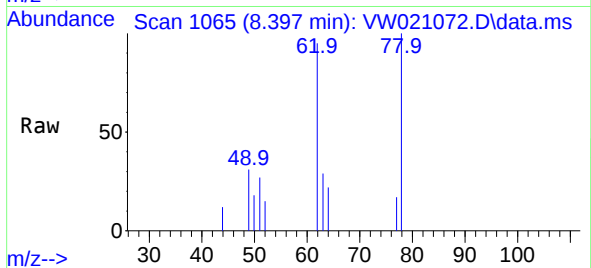
EW9E7RE

Tgt Ion: 62 Resp: 872
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7

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#33

Benzene

Concen: 8.945 ug/L

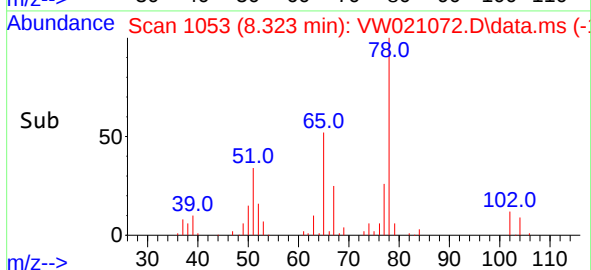
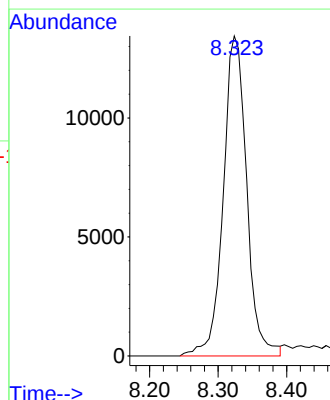
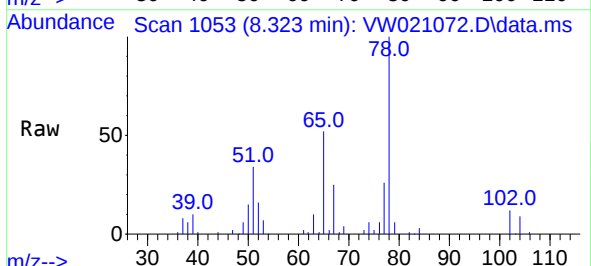
RT: 8.323 min Scan# 1053

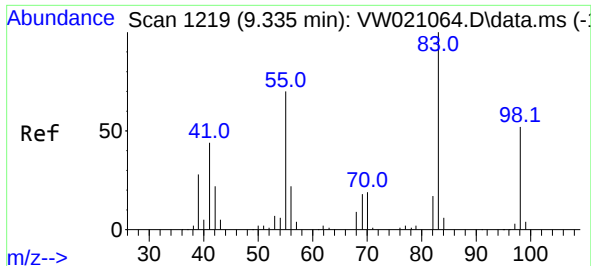
Delta R.T. 0.000 min

Lab File: VW021072.D

Acq: 03 Dec 2021 18:28

Tgt Ion: 78 Resp: 31929





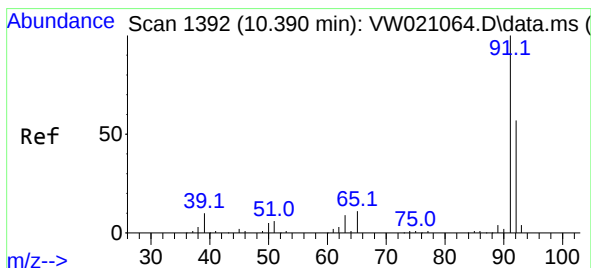
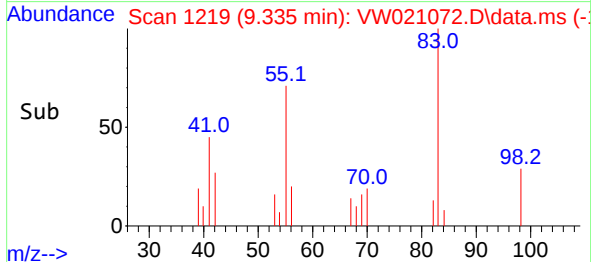
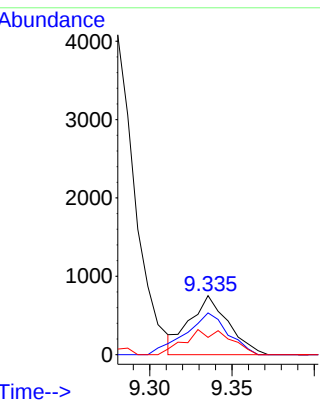
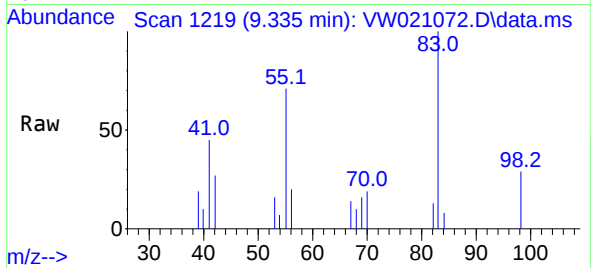
#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :
EW9E7RE

Tgt Ion: 83 Resp: 122
Ion Ratio Lower Upper
83 100
55 77.8 70.8 106.2
98 49.2 37.7 56.5

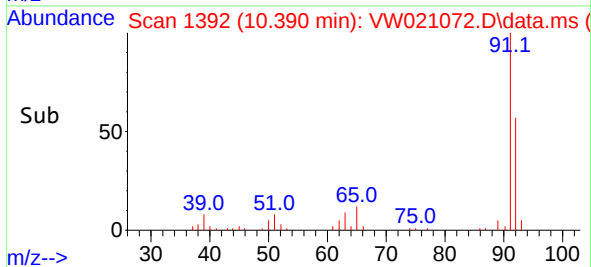
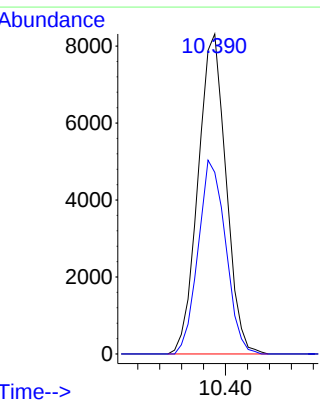
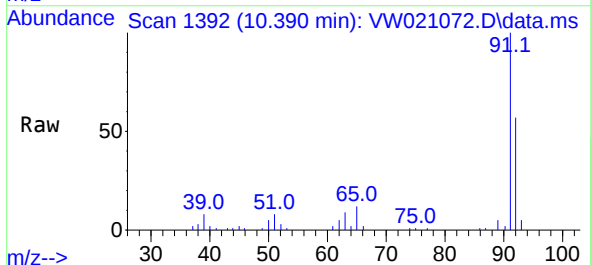
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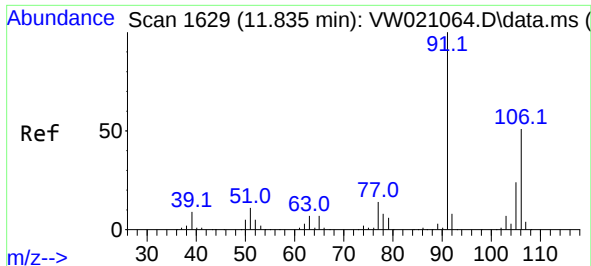
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#42
Toluene
Concen: 3.608 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion: 91 Resp: 14710
Ion Ratio Lower Upper
91 100
92 56.8 41.7 77.5





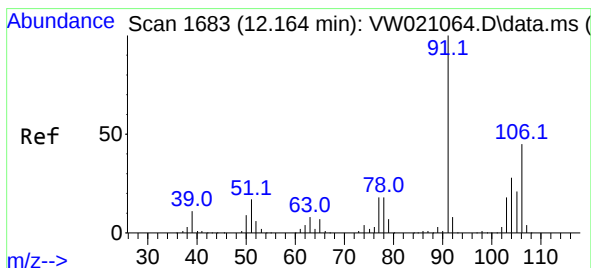
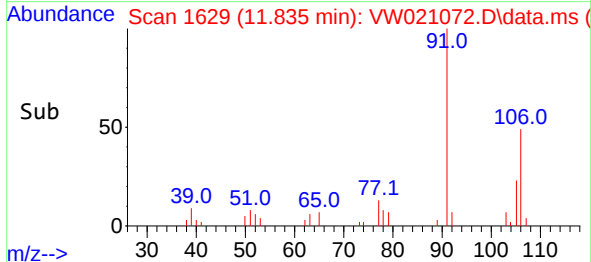
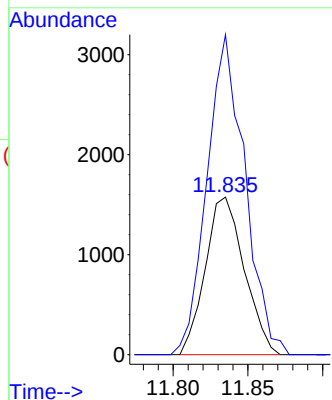
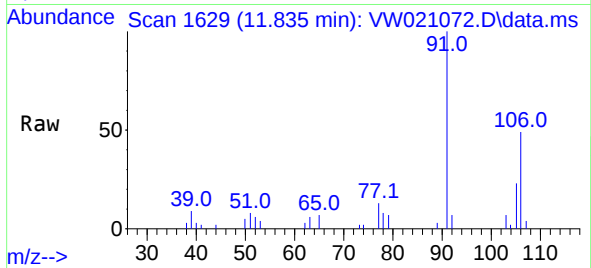
#53
m,p-Xylene
Concen: 1.505 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :
EW9E7RE

Tgt Ion:106 Resp: 285
Ion Ratio Lower Upper
106 100
91 203.0 149.9 278.3

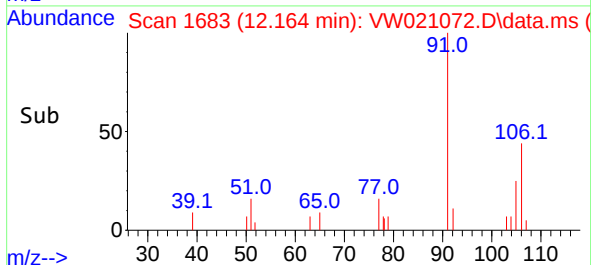
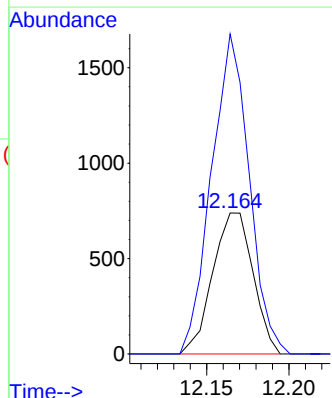
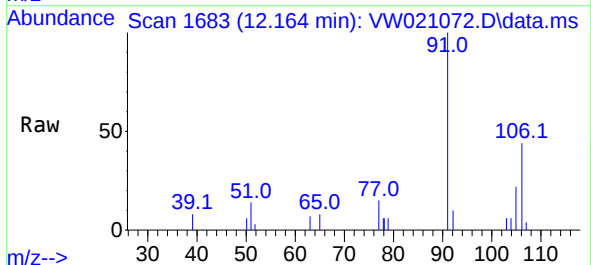
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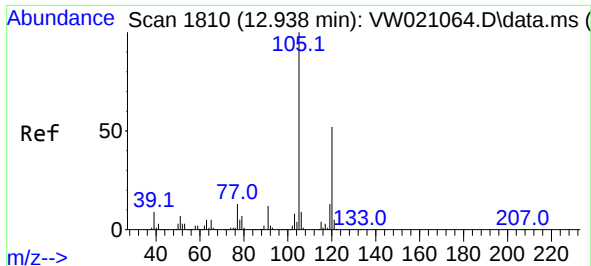
Reviewed By :Semsettin Yesilyurt 12/05/2021
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#54
o-Xylene
Concen: 0.705 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion:106 Resp: 1262
Ion Ratio Lower Upper
106 100
91 226.9 153.6 285.3





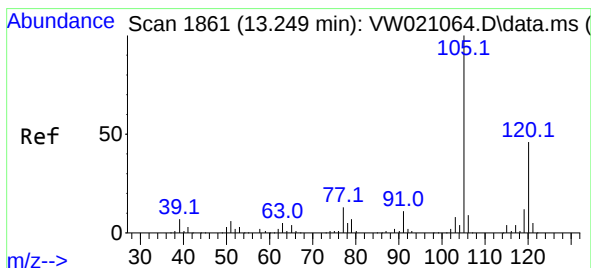
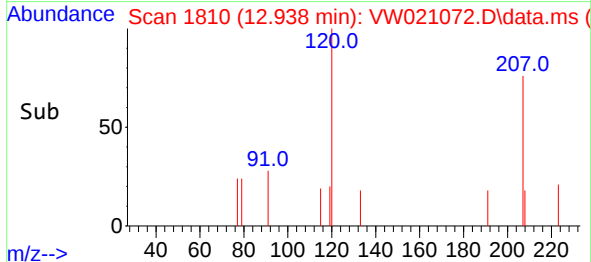
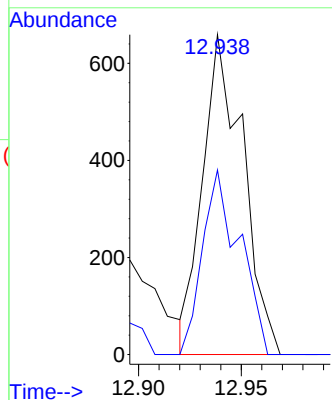
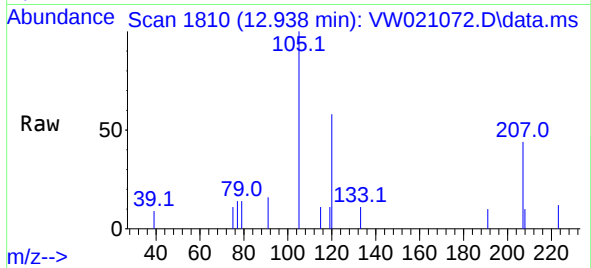
#62
1,3,5-Trimethylbenzene
Concen: 0.481 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

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Tgt Ion:105 Resp: 898
Ion Ratio Lower Upper
105 100
120 53.2 37.4 56.2

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#63
1,2,4-Trimethylbenzene
Concen: 1.085 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion:105 Resp: 2037
Ion Ratio Lower Upper
105 100
120 48.5 35.0 52.6

