

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021013.D
 Acq On : 02 Dec 2021 00:40
 Operator : SY/VA
 Sample : M4881-01
 Misc : 5.60g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9D7

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 07:28:52 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	119612	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	67536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	9998	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	26914	19.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.600%		
7) Chloroethane-d5	2.891	69	18800	21.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.040%		
11) 1,1-Dichloroethene-d2	4.019	63	36684	13.665	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.680%		
21) 2-Butanone-d5	7.074	46	15710	45.365	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.720%		
24) Chloroform-d	7.647	84	68667	22.784	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.120%		
26) 1,2-Dichloroethane-d4	8.305	65	34067	22.269	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.080%		
32) Benzene-d6	8.275	84	120920	33.971	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	135.880%#		
36) 1,2-Dichloropropane-d6	9.274	67	36987	36.491	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	145.960%#		
41) Toluene-d8	10.323	98	89458	25.321	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.280%		
43) trans-1,3-Dichloroprop...	10.579	79	9479	19.785	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.160%		
47) 2-Hexanone-d5	10.921	63	10140	60.319	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.640%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20149	25.949	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.800%		
66) 1,2-Dichlorobenzene-d4	13.853	152	9340	26.211	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.840%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	1681	5.437	ug/L	81
16) Methylene chloride	4.915	84	7283	4.366	ug/L	84
27) 1,2-Dichloroethane	8.403	62	3712	2.096	ug/L #	91
35) Methylcyclohexane	9.335	83	1811	1.027	ug/L	93
42) Toluene	10.390	91	10681	2.483	ug/L	95
52) Ethylbenzene	11.731	91	3463	0.727	ug/L	93
53) m,p-Xylene	11.835	106	5132	2.637	ug/L	85
54) o-Xylene	12.164	106	2375	1.271	ug/L	91
60) Isopropylbenzene	12.463	105	808m	0.593	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	2072	1.804	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	6185	5.457	ug/L	95

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

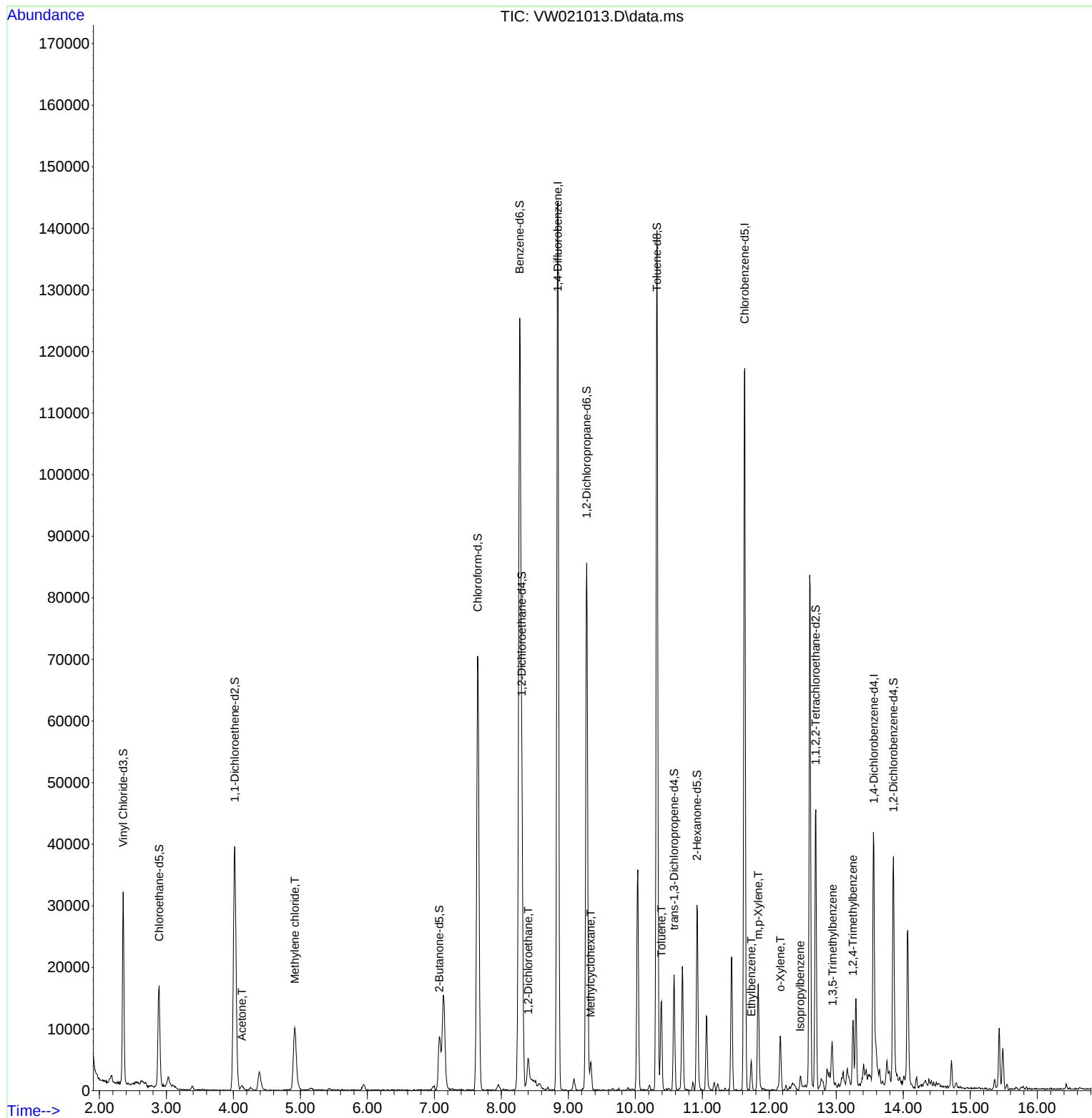
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021013.D
Acq On : 02 Dec 2021 00:40
Operator : SY/VA
Sample : M4881-01
Misc : 5.60g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

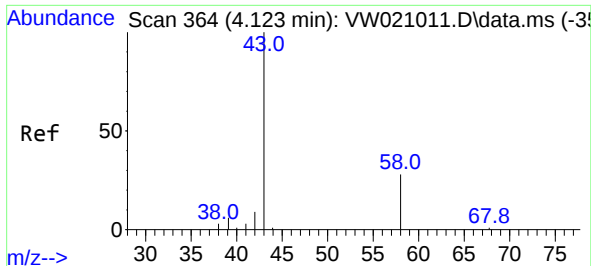
Instrument :
MSVOA_W
ClientSampleId :
EW9D7

Quant Time: Dec 02 07:28:52 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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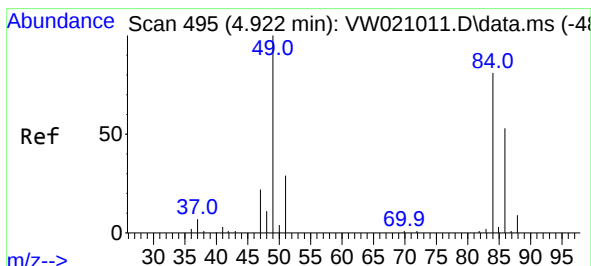
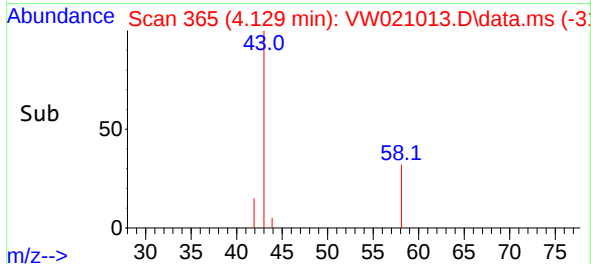
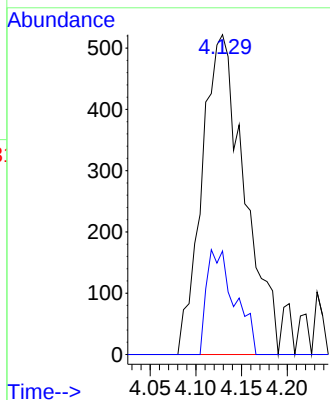
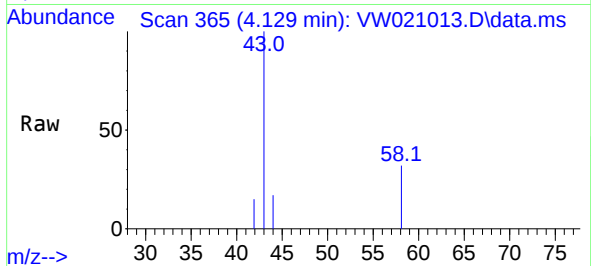
#13
Acetone
Concen: 5.437 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40

Instrument :
MSVOA_W
ClientSampleId :
EW9D7

Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
58 16.9 0.0 52.8

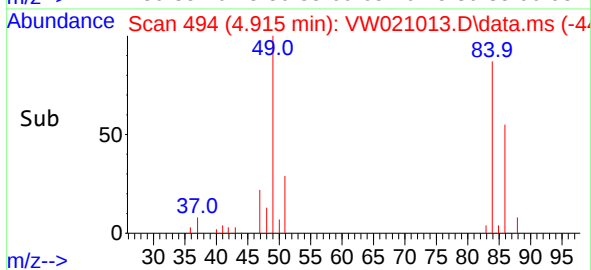
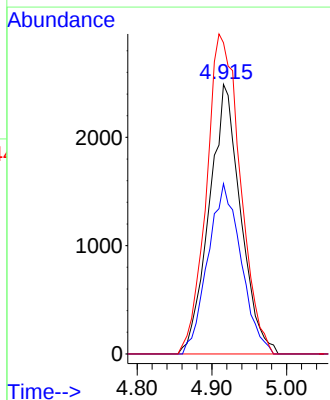
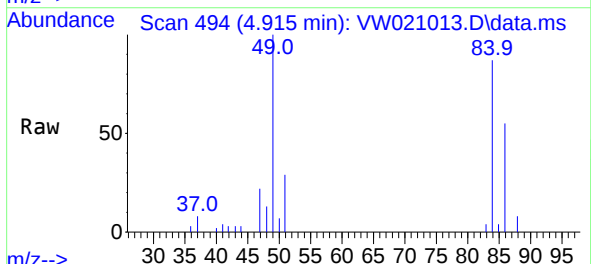
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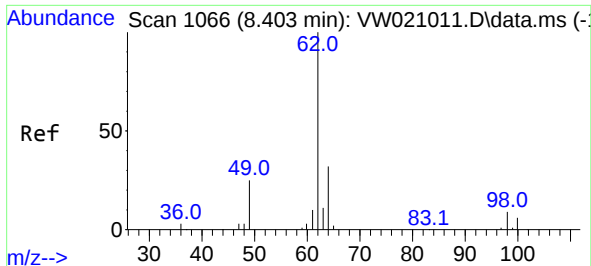
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#16
Methylene chloride
Concen: 4.366 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40

Tgt Ion: 84 Resp: 7283
Ion Ratio Lower Upper
84 100
86 63.1 45.5 84.5
49 115.4 100.5 186.7





#27

1,2-Dichloroethane

Concen: 2.096 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021013.D

Acq: 02 Dec 2021 00:40

Instrument :

MSVOA_W

ClientSampleId :

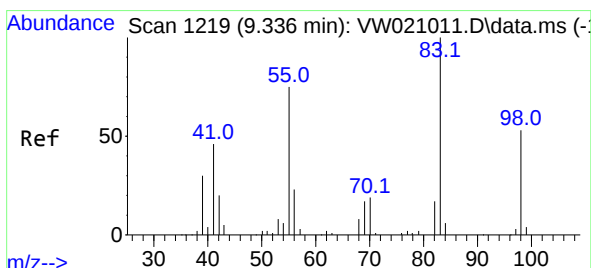
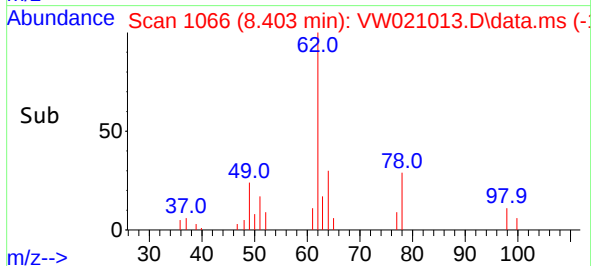
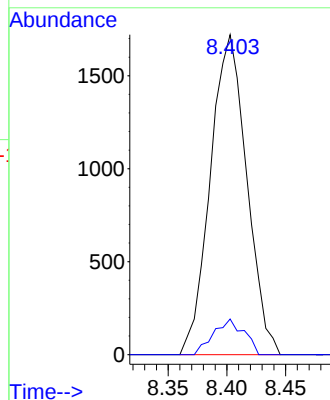
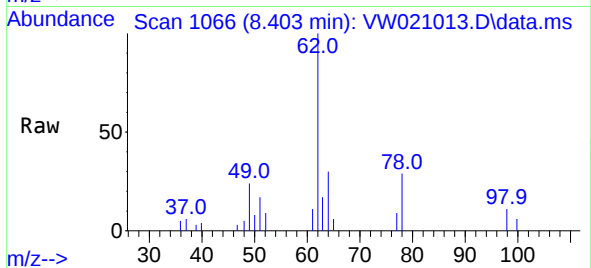
EW9D7

Tgt Ion: 62 Resp: 3712
 Ion Ratio Lower Upper
 62 100
 98 11.2 6.5 9.7

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#35

Methylcyclohexane

Concen: 1.027 ug/L

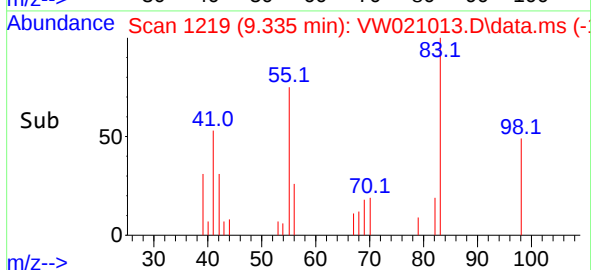
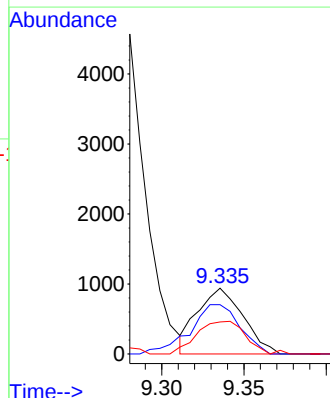
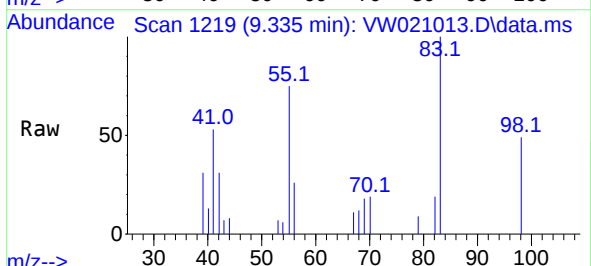
RT: 9.335 min Scan# 1219

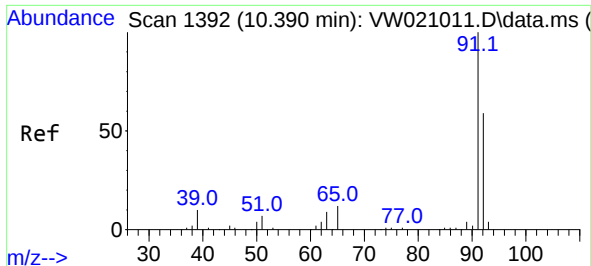
Delta R.T. -0.000 min

Lab File: VW021013.D

Acq: 02 Dec 2021 00:40

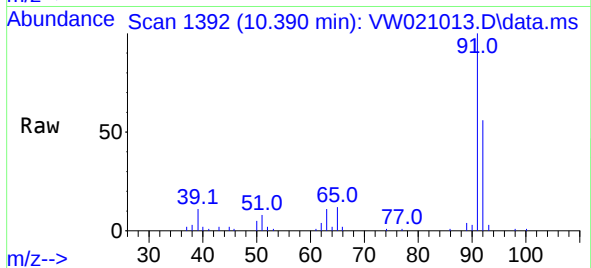
Tgt Ion: 83 Resp: 1811
 Ion Ratio Lower Upper
 83 100
 55 82.1 70.8 106.2
 98 52.3 37.7 56.5





#42
Toluene
Concen: 2.483 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40

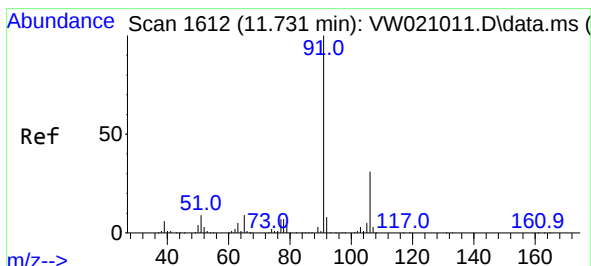
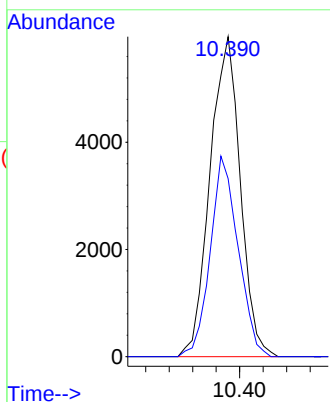
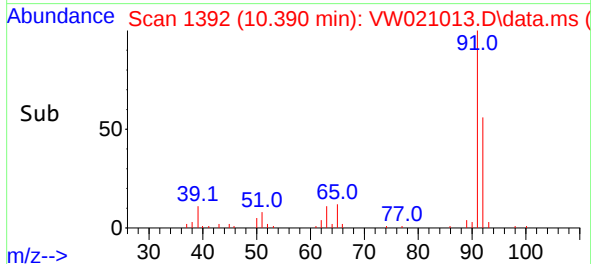
Instrument :
MSVOA_W
ClientSampleId :
EW9D7



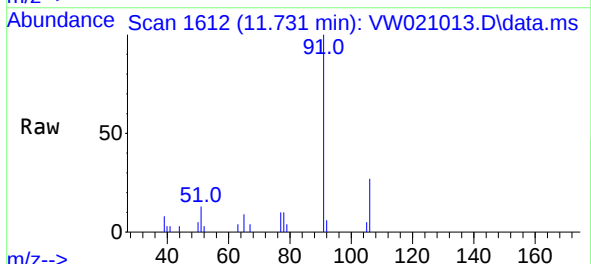
Tgt Ion: 91 Resp: 1068
Ion Ratio Lower Upper
91 100
92 55.7 41.7 77.5

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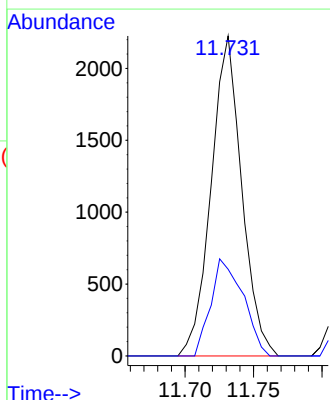
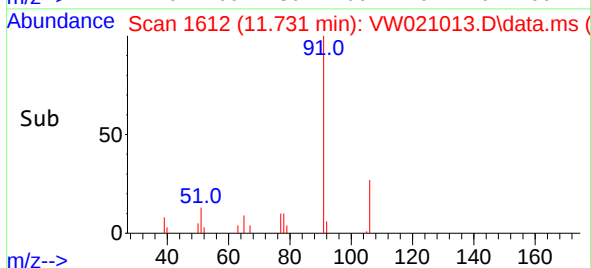
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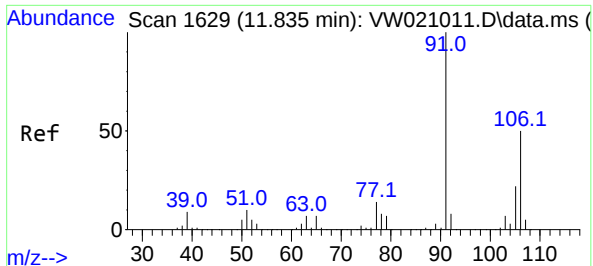


#52
Ethylbenzene
Concen: 0.727 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40



Tgt Ion: 91 Resp: 3463
Ion Ratio Lower Upper
91 100
106 27.1 21.5 39.9





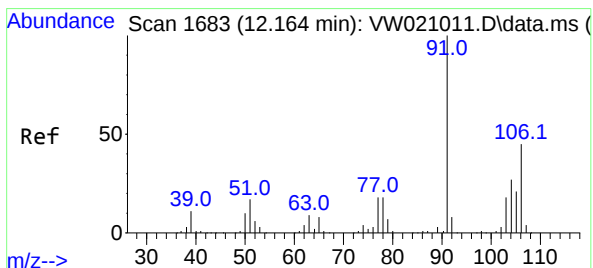
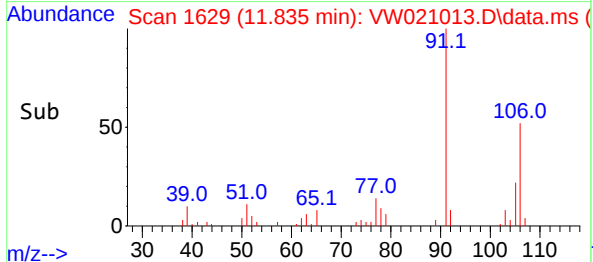
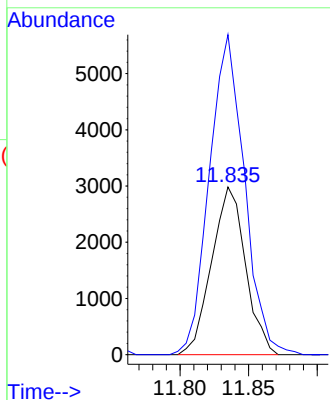
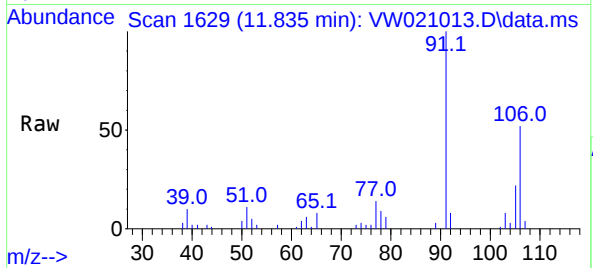
#53
m,p-Xylene
Concen: 2.637 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40

Instrument :
MSVOA_W
ClientSampleId :
EW9D7

Tgt Ion:106 Resp: 513
Ion Ratio Lower Upper
106 100
91 190.8 149.9 278.3

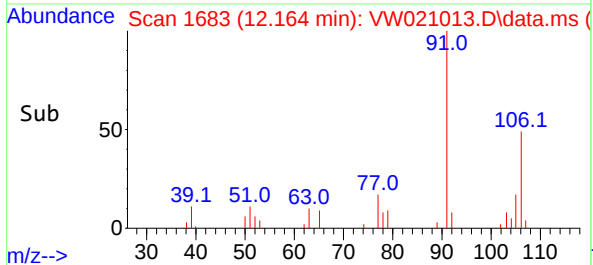
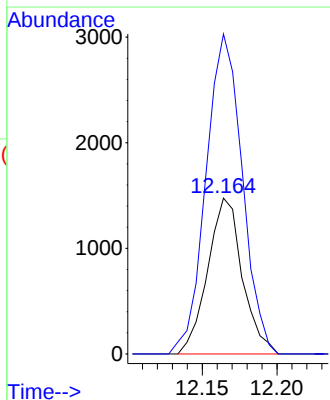
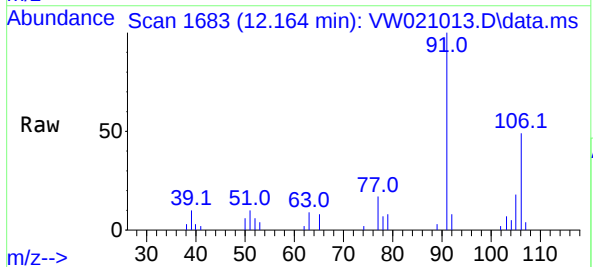
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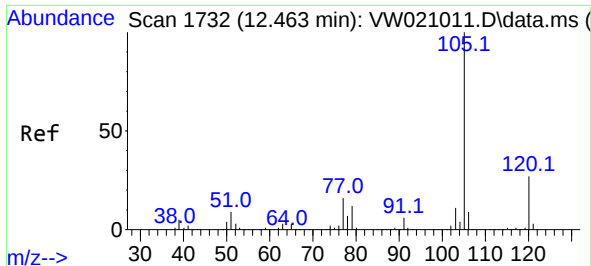
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#54
o-Xylene
Concen: 1.271 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40

Tgt Ion:106 Resp: 2375
Ion Ratio Lower Upper
106 100
91 205.4 153.6 285.3





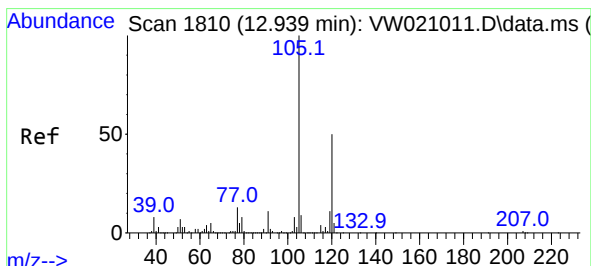
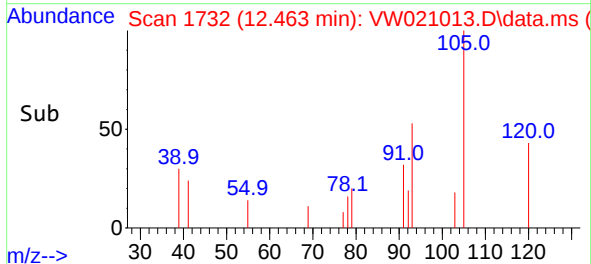
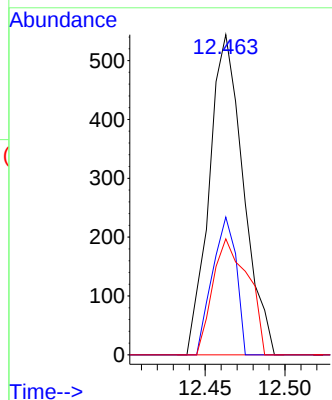
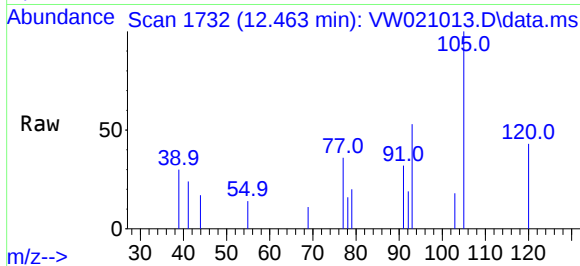
#60
Isopropylbenzene
Concen: 0.593 ug/L m
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40

Instrument :
MSVOA_W
ClientSampleId :
EW9D7

Tgt Ion:105 Resp: 808
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 18.1 13.8 20.8

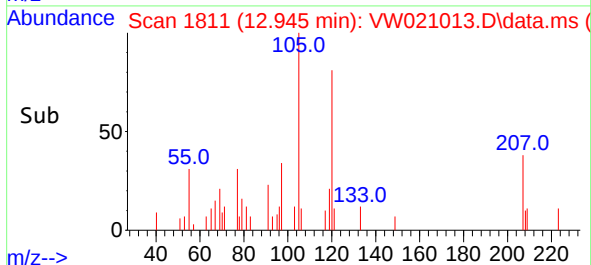
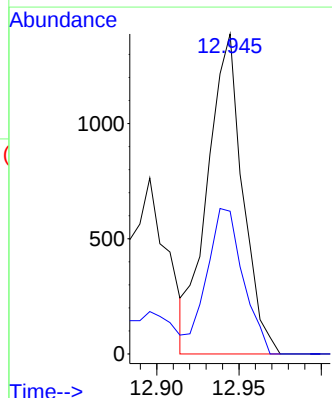
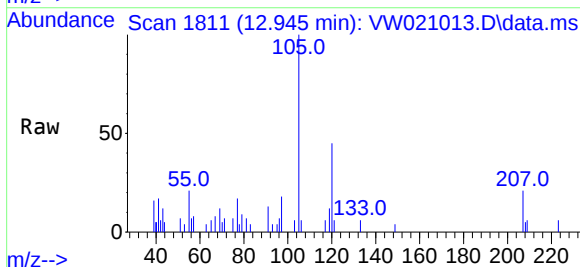
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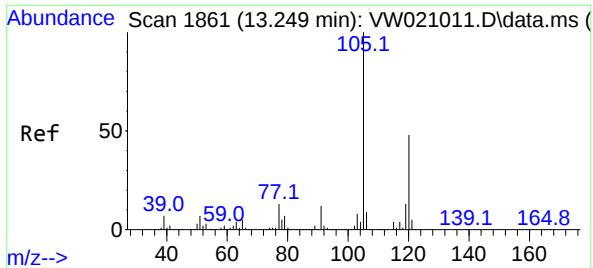
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#62
1,3,5-Trimethylbenzene
Concen: 1.804 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021013.D
Acq: 02 Dec 2021 00:40

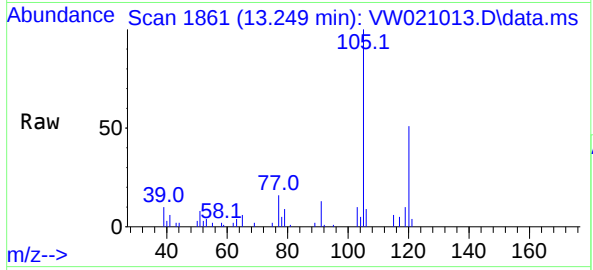
Tgt Ion:105 Resp: 2072
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.2





1,2,4-Trimethylbenzene
 Concen: 5.457 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW021013.D
 Acq: 02 Dec 2021 00:40

Instrument : MSVOA_W
 ClientSampleId : EW9D7



Tgt Ion:105 Resp: 618

Ion	Ratio	Lower	Upper
105	100		
120	46.9	35.0	52.6

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