

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023379.D
 Acq On : 02 Jun 2022 17:04
 Operator : SY/VA
 Sample : N3171-06
 Misc : 9.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTZ1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 02 21:59:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	393964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	324056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	113476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	150228	25.785	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.160%			
7) Chloroethane-d5	2.879	69	94661	23.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.480%			
11) 1,1-Dichloroethene-d2	4.013	63	143536m	16.029	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.120%			
21) 2-Butanone-d5	7.080	46	48868	40.752	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.500%			
24) Chloroform-d	7.653	84	218851	21.096	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	8.305	65	130340	23.987	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.960%			
32) Benzene-d6	8.275	84	431207	24.765	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.080%			
36) 1,2-Dichloropropane-d6	9.274	67	129702	26.037	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.160%			
41) Toluene-d8	10.323	98	380496	22.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.680%			
43) trans-1,3-Dichloroprop...	10.579	79	45145	20.301	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.200%			
47) 2-Hexanone-d5	10.920	63	40177	50.205	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.420%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	107458	24.458	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	96236	23.992	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.960%			
Target Compounds					Qvalue	
13) Acetone	4.117	43	26145	29.973	ug/L	99
22) 2-Butanone	7.183	43	8827	6.660	ug/L	78
42) Toluene	10.390	91	99597	4.830	ug/L	98
52) Ethylbenzene	11.731	91	129996	5.740	ug/L	97
53) m,p-Xylene	11.835	106	19676	2.194	ug/L	89
54) o-Xylene	12.164	106	5824	0.679	ug/L	84
60) Isopropylbenzene	12.463	105	7029m	0.452	ug/L	
62) 1,3,5-Trimethylbenzene	12.938	105	9564	0.750	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	27168	2.744	ug/L	100

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

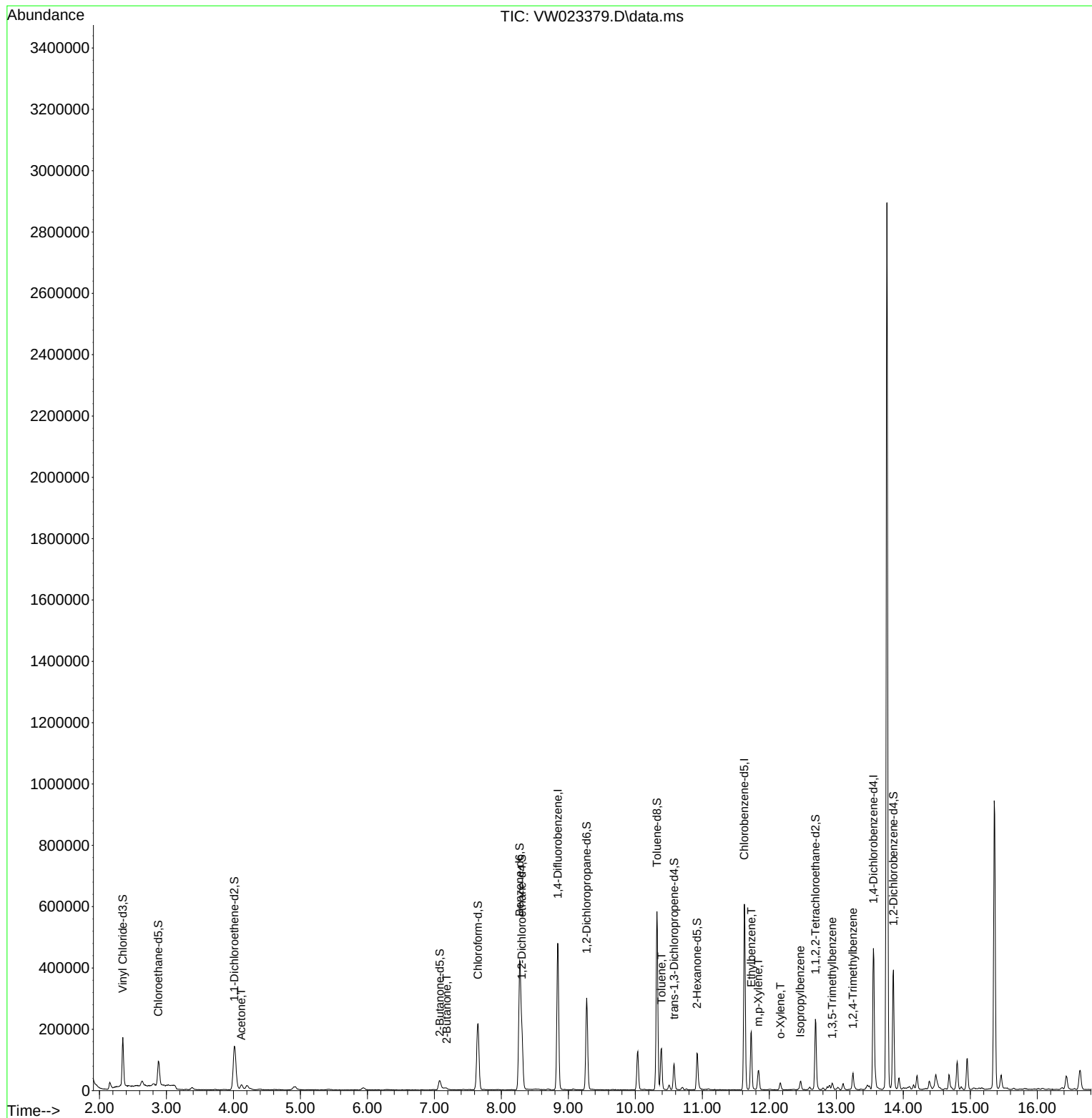
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
Data File : VW023379.D
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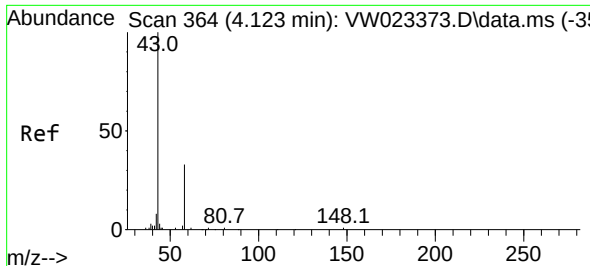
Instrument :
MSVOA_W
ClientSampleId :
DBTZ1

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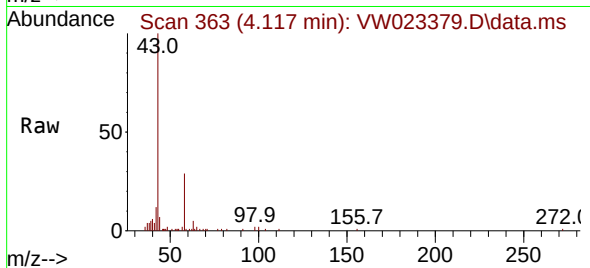
Quant Time: Jun 02 21:59:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 02 21:56:41 2022
Response via : Initial Calibration





#13
Acetone
Concen: 29.973 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

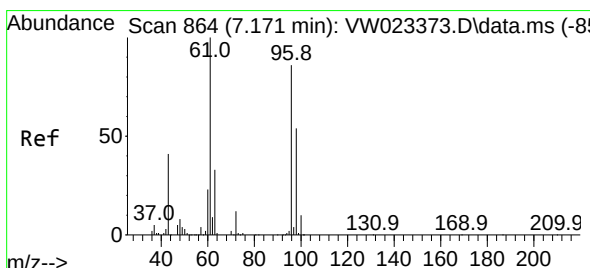
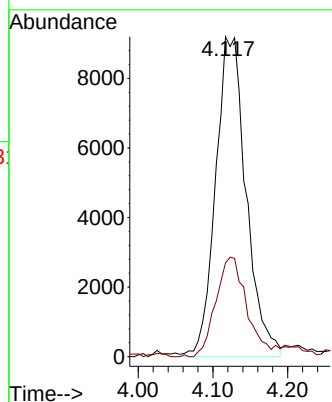
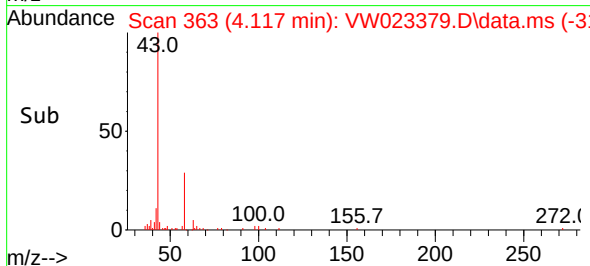
Instrument :
MSVOA_W
ClientSampleId :
DBTZ1



Tgt Ion: 43 Resp: 2614
Ion Ratio Lower Upper
43 100
58 31.1 0.0 63.0

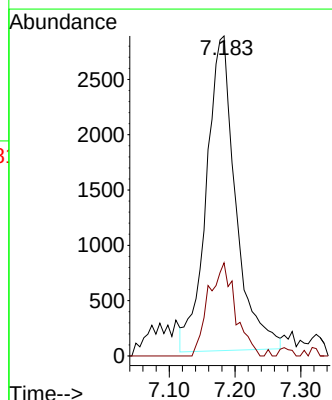
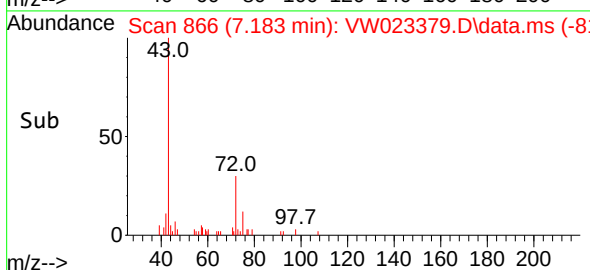
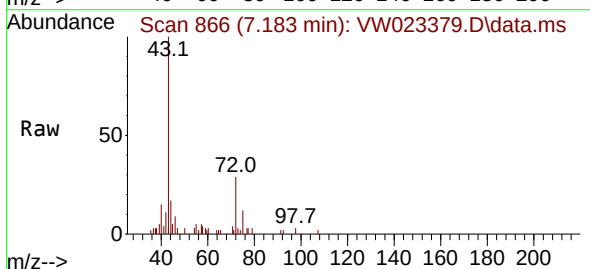
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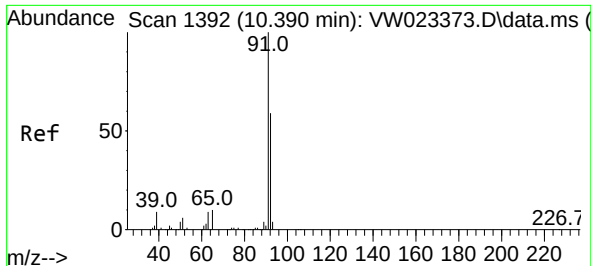
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#22
2-Butanone
Concen: 6.660 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

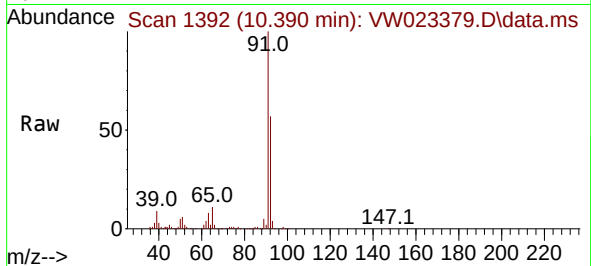
Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
72 19.4 15.7 47.0





#42
Toluene
Concen: 4.830 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

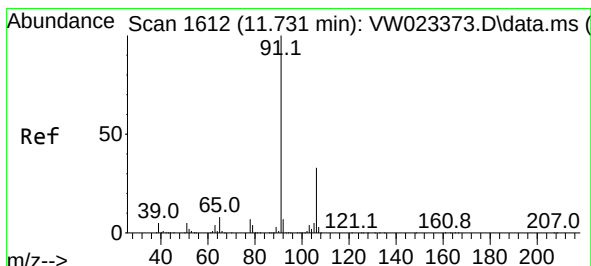
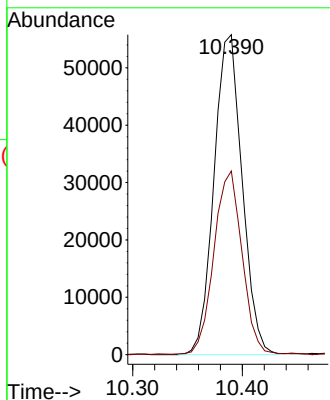
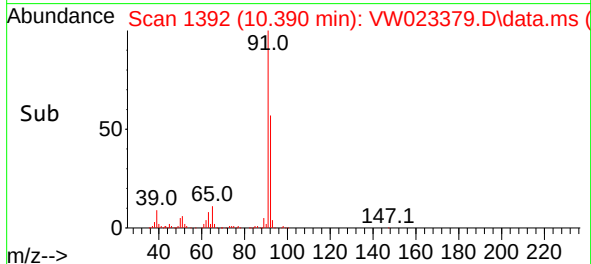
Instrument :
MSVOA_W
ClientSampleId :
DBTZ1



Tgt Ion: 91 Resp: 99597
Ion Ratio Lower Upper
91 100
92 57.4 41.4 76.8

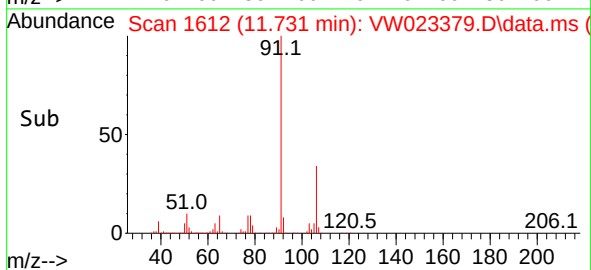
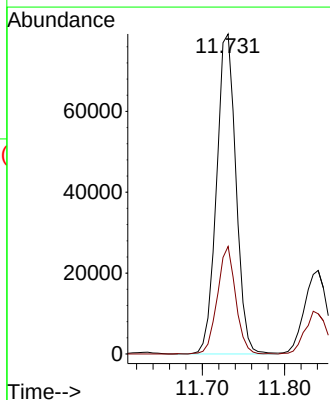
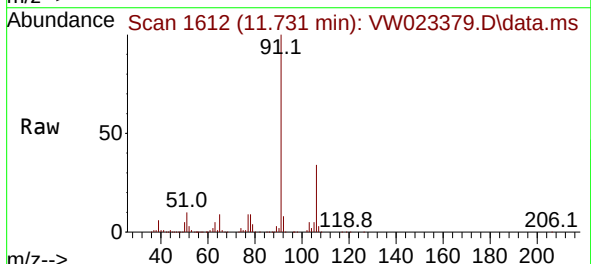
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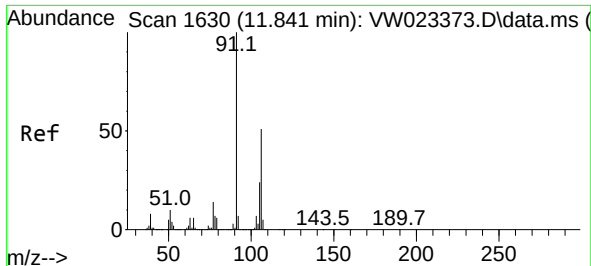
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#52
Ethylbenzene
Concen: 5.740 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

Tgt Ion: 91 Resp: 129996
Ion Ratio Lower Upper
91 100
106 33.6 22.4 41.6





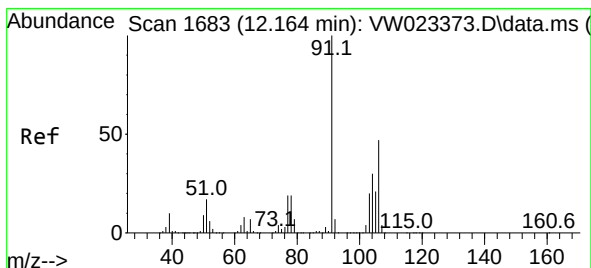
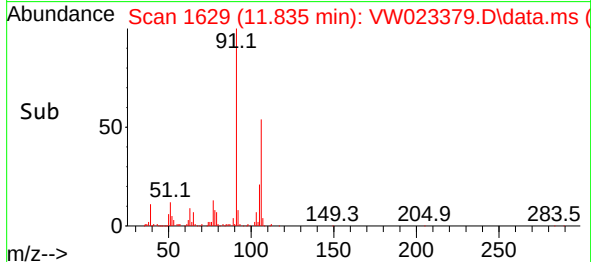
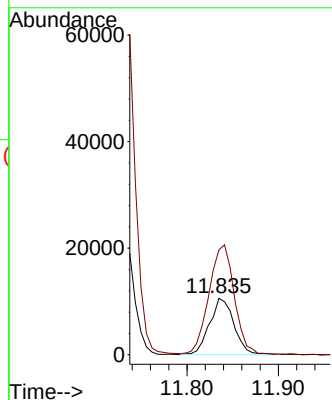
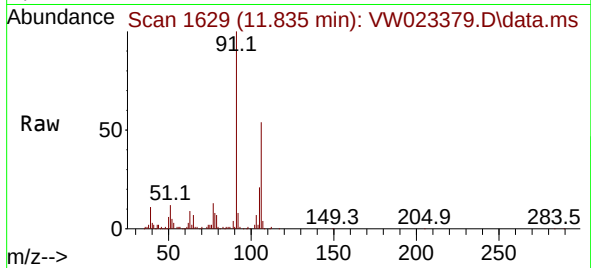
#53
m,p-Xylene
Concen: 2.194 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

Instrument :
MSVOA_W
ClientSampleId :
DBTZ1

Tgt Ion:106 Resp: 19670
Ion Ratio Lower Upper
106 100
91 186.0 141.7 263.1

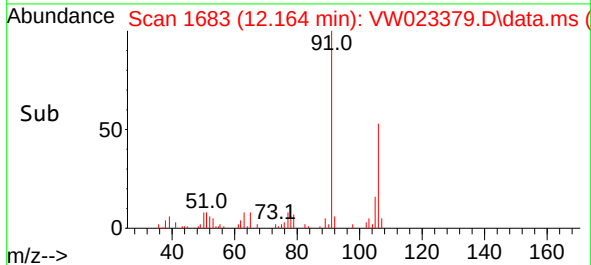
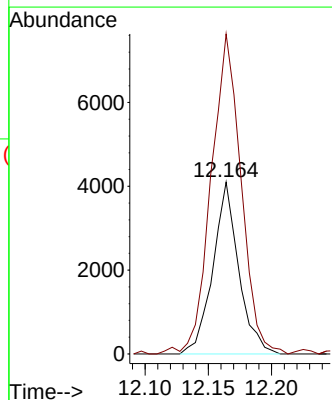
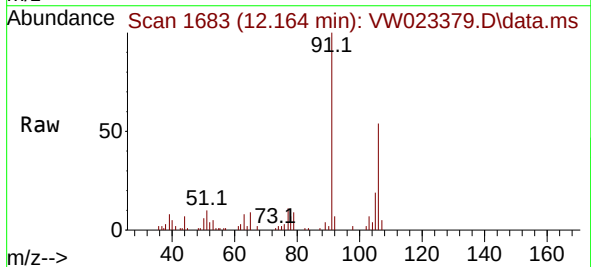
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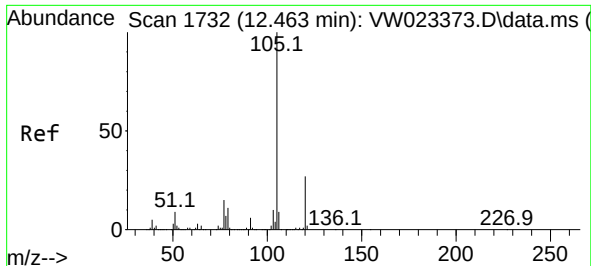
Reviewed By :Semsettin Yesilyurt 06/05/2022
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#54
o-Xylene
Concen: 0.679 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

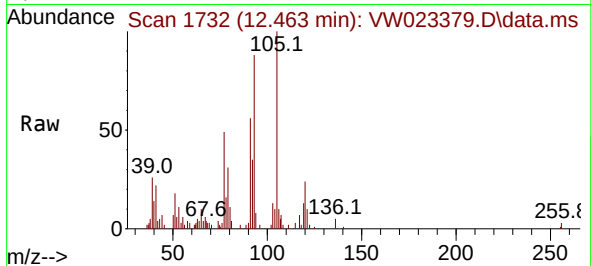
Tgt Ion:106 Resp: 5824
Ion Ratio Lower Upper
106 100
91 186.2 148.0 274.8





#60
Isopropylbenzene
Concen: 0.452 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

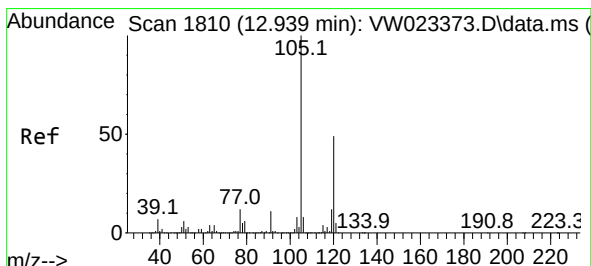
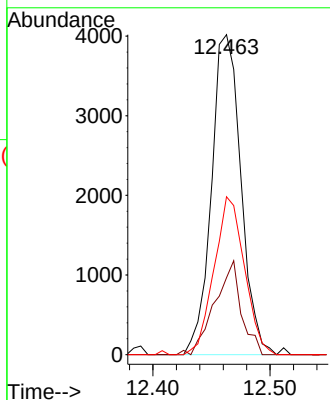
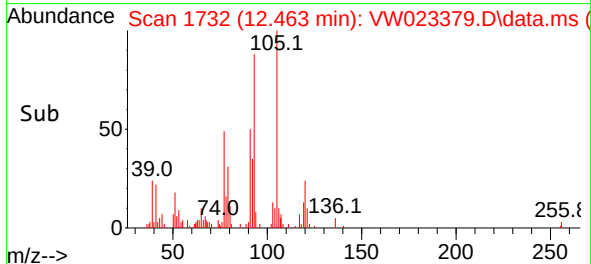
Instrument :
MSVOA_W
ClientSampleId :
DBTZ1



Tgt Ion:105 Resp: 7029
Ion Ratio Lower Upper
105 100
120 45.6 21.4 32.0
77 25.6 12.4 18.6

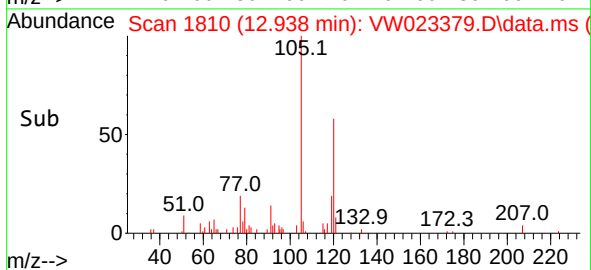
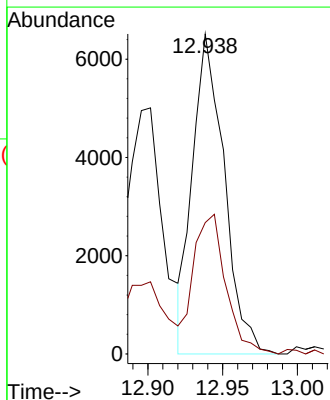
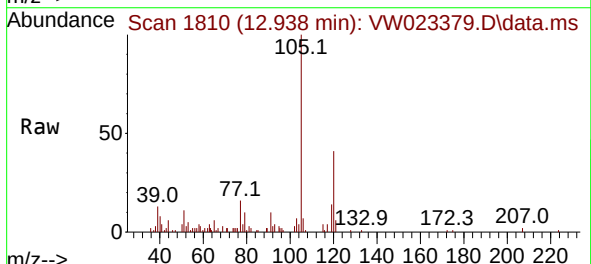
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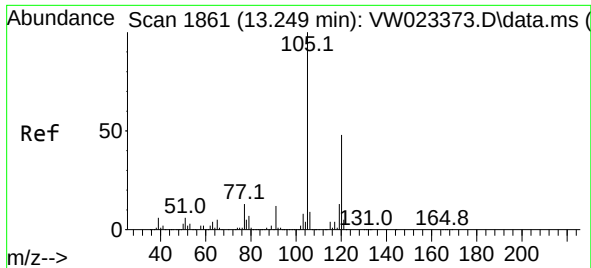
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#62
1,3,5-Trimethylbenzene
Concen: 0.750 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

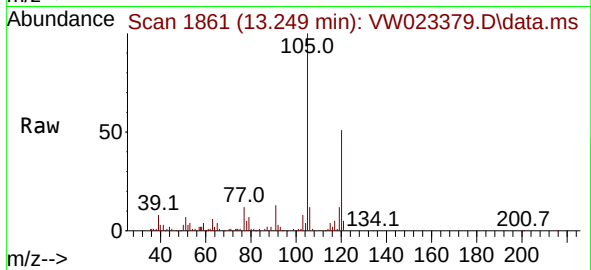
Tgt Ion:105 Resp: 9564
Ion Ratio Lower Upper
105 100
120 44.7 39.7 59.5





#63
 1,2,4-Trimethylbenzene
 Concen: 2.744 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023379.D
 Acq: 02 Jun 2022 17:04

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTZ1



Tgt Ion:105 Resp: 27168
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.2 55.8

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