

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023878.D
 Acq On : 19 Jul 2022 12:39
 Operator : SY/VA
 Sample : N3709-08
 Misc : 7.02g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B24

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 01:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	384914	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	336072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128375	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	90674	9.223	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	36.880%		
7) Chloroethane-d5	2.873	69	69749	10.635	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	42.520%		
11) 1,1-Dichloroethene-d2	4.007	63	84004	10.493	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.960%#		
21) 2-Butanone-d5	7.080	46	60788	39.864	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.720%		
24) Chloroform-d	7.647	84	191982	17.131	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.520%		
26) 1,2-Dichloroethane-d4	8.305	65	115704	16.881	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	67.520%#		
32) Benzene-d6	8.275	84	360967	20.662	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.640%		
36) 1,2-Dichloropropane-d6	9.275	67	123966	23.557	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.240%		
41) Toluene-d8	10.323	98	314111	17.726	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.920%		
43) trans-1,3-Dichloroprop...	10.573	79	33142	13.436	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	53.760%		
47) 2-Hexanone-d5	10.921	63	44912	40.587	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.180%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	84982	14.613	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	58.440%		
66) 1,2-Dichlorobenzene-d4	13.847	152	100105	21.844	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.360%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	22729	21.082	ug/L	96
16) Methylene chloride	4.916	84	31518	5.236	ug/L	90
22) 2-Butanone	7.171	43	9256m	5.224	ug/L	
25) Chloroform	7.677	83	27440	2.608	ug/L	90
51) Chlorobenzene	11.658	112	83638	5.694	ug/L	92
53) m,p-Xylene	11.835	106	5954	0.617	ug/L	77
60) Isopropylbenzene	12.463	105	17561	1.018	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	40757	2.887	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	256158	30.752	ug/L	97

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

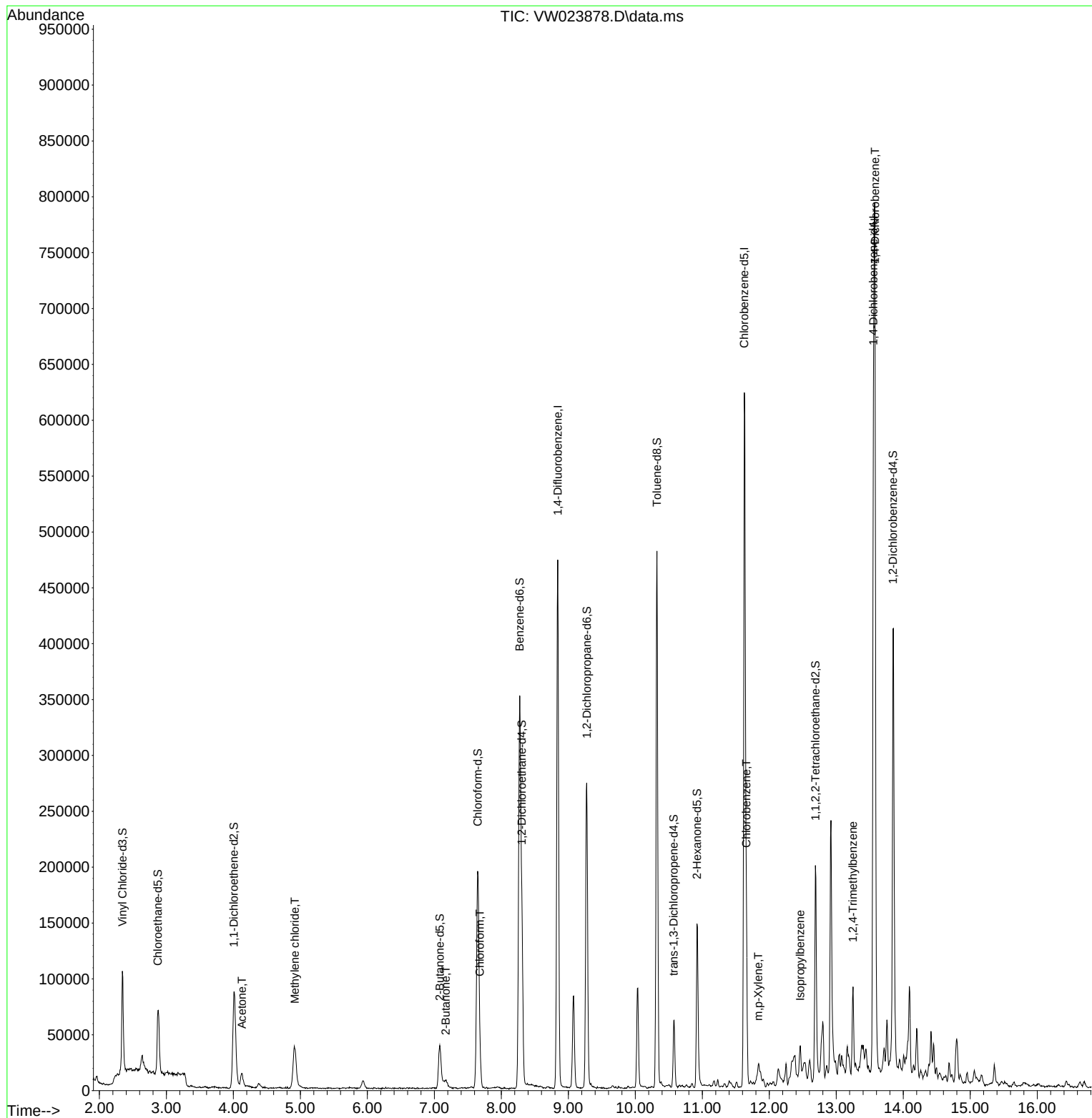
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023878.D
Acq On : 19 Jul 2022 12:39
Operator : SY/VA
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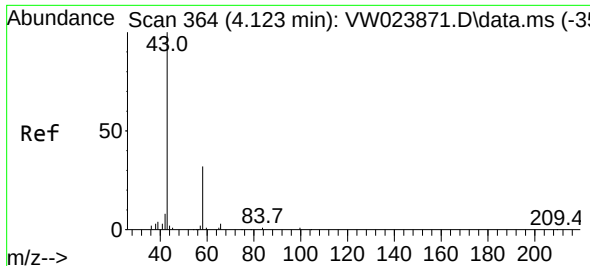
Instrument :
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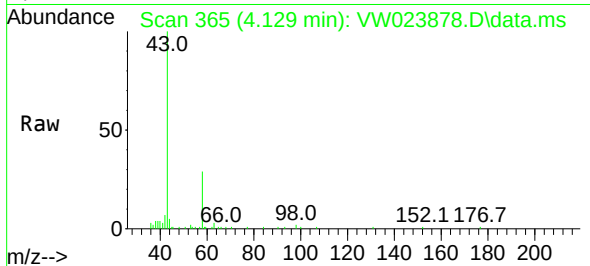
Quant Time: Jul 20 01:19:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 20 01:17:09 2022
Response via : Initial Calibration





#13
Acetone
Concen: 21.082 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

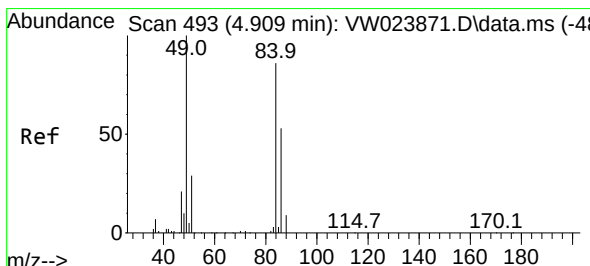
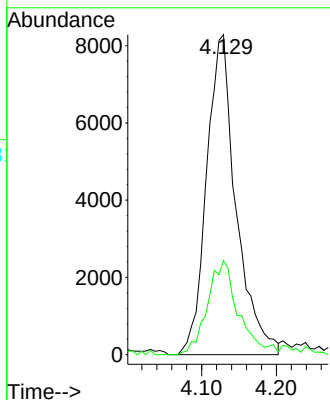
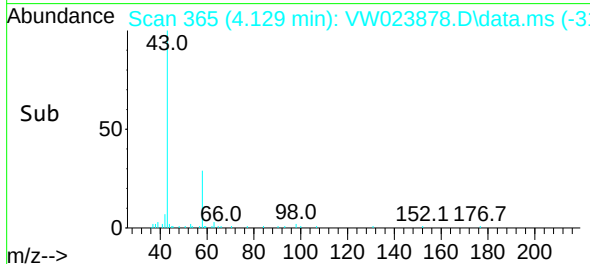
Instrument :
MSVOA_W
ClientSampleId :
H0B24



Tgt Ion: 43 Resp: 22729
Ion Ratio Lower Upper
43 100
58 30.1 0.0 64.2

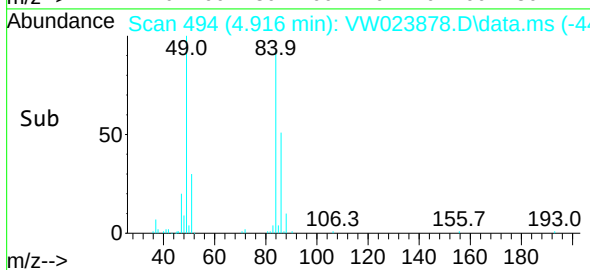
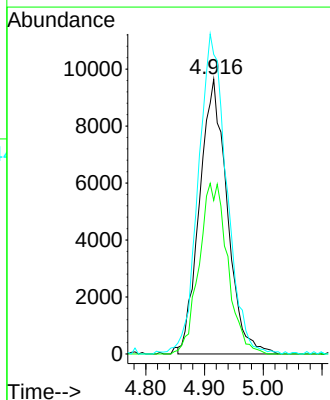
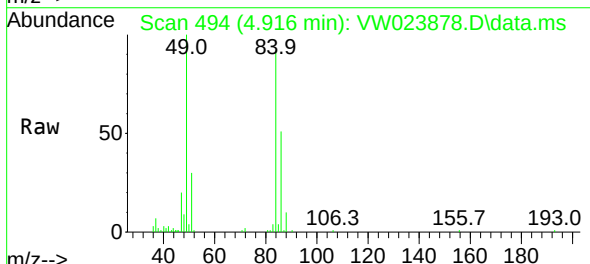
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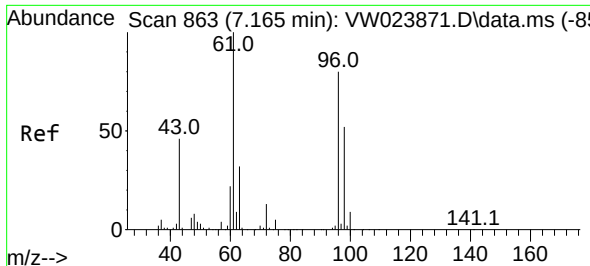
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
Methylene chloride
Concen: 5.236 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

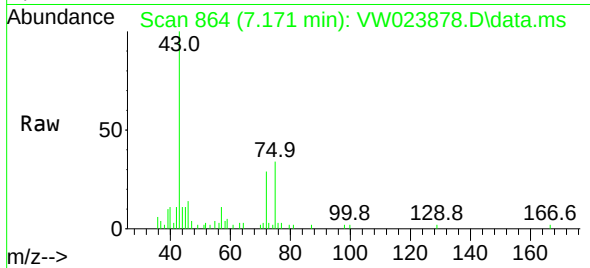
Tgt Ion: 84 Resp: 31518
Ion Ratio Lower Upper
84 100
86 55.9 42.8 79.6
49 109.0 85.4 158.6





#22
2-Butanone
Concen: 5.224 ug/L m
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

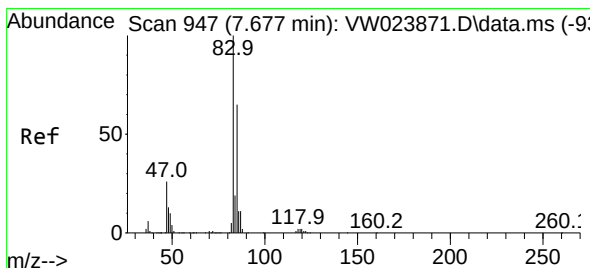
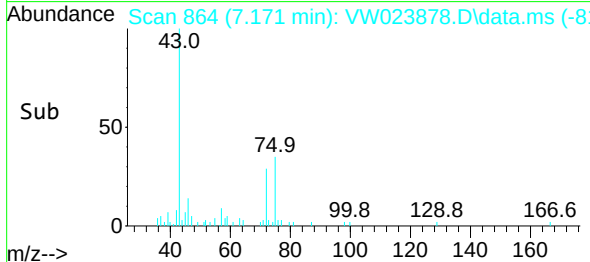
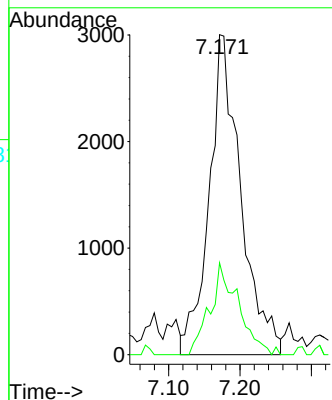
Instrument :
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Tgt Ion: 43 Resp: 9250
Ion Ratio Lower Upper
43 100
72 0.3 14.7 44.1

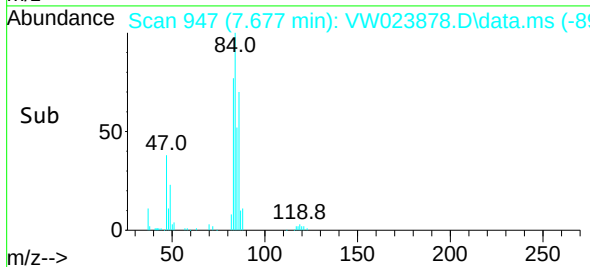
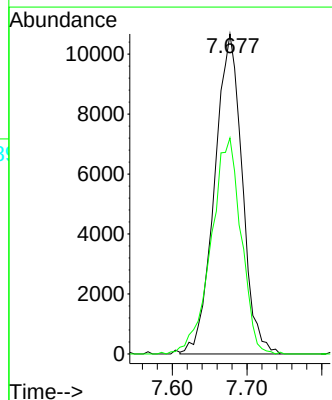
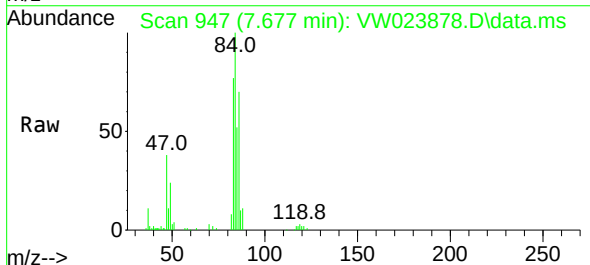
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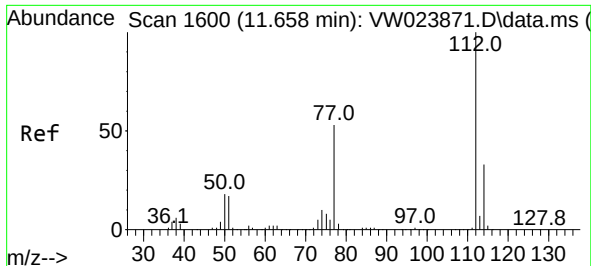
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#25
Chloroform
Concen: 2.608 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

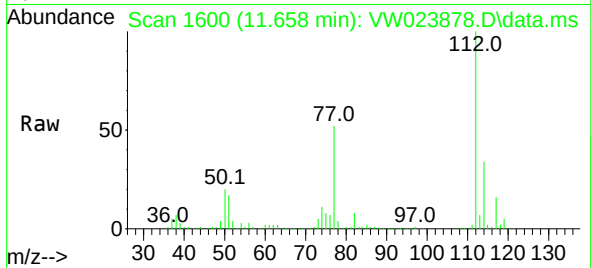
Tgt Ion: 83 Resp: 27440
Ion Ratio Lower Upper
83 100
85 67.5 41.9 77.9





#51
Chlorobenzene
Concen: 5.694 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

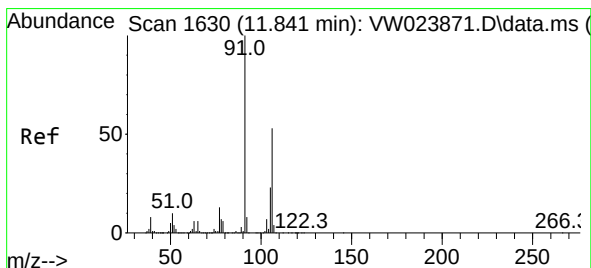
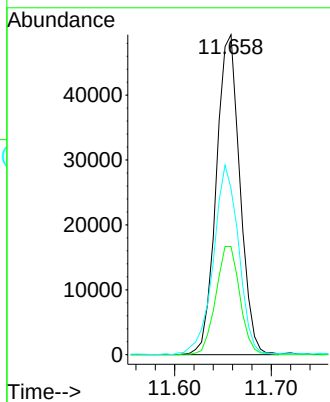
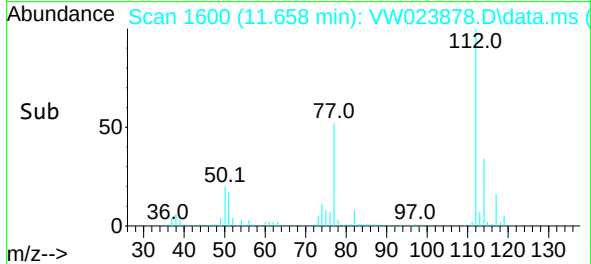
Instrument :
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Tgt Ion:112 Resp: 83638
Ion Ratio Lower Upper
112 100
114 33.8 21.1 39.3
77 51.9 46.6 69.8

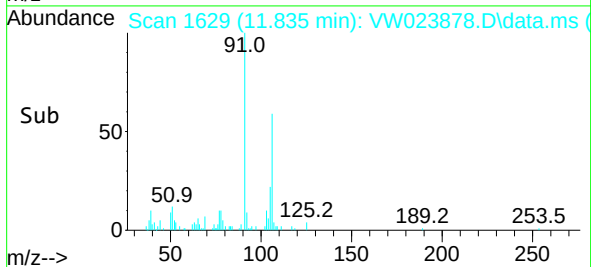
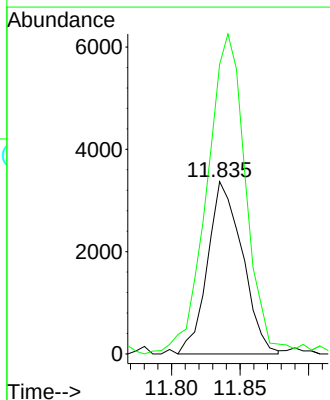
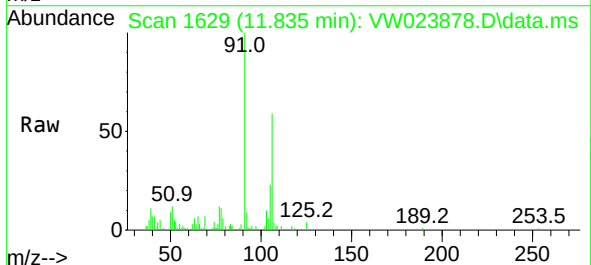
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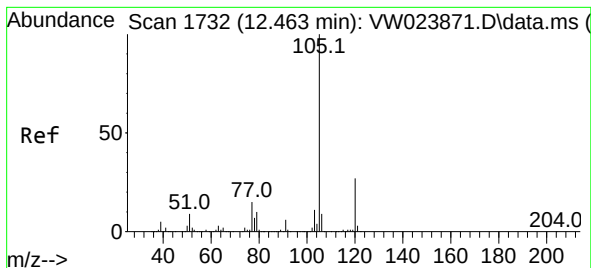
Reviewed By :Semsettin Yesilyurt 07/21/2022
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#53
m,p-Xylene
Concen: 0.617 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023878.D
Acq: 19 Jul 2022 12:39

Tgt Ion:106 Resp: 5954
Ion Ratio Lower Upper
106 100
91 168.1 142.8 265.2





#60

Isopropylbenzene

Concen: 1.018 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023878.D

Acq: 19 Jul 2022 12:39

Instrument :

MSVOA_W

ClientSampleId :

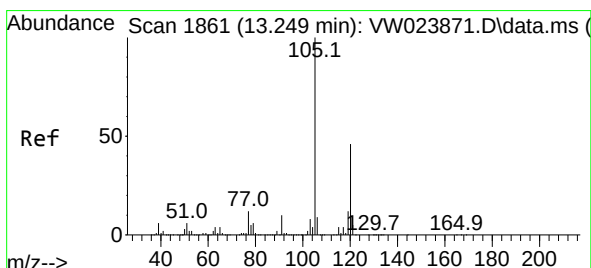
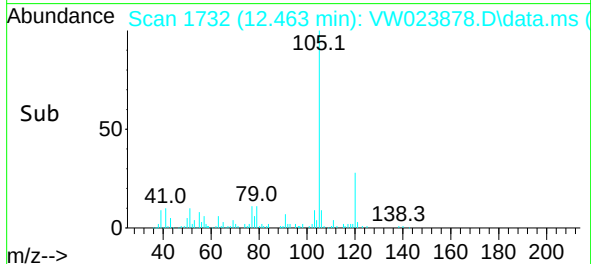
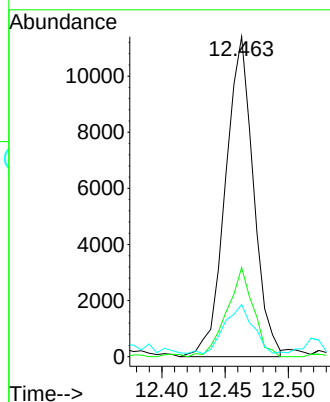
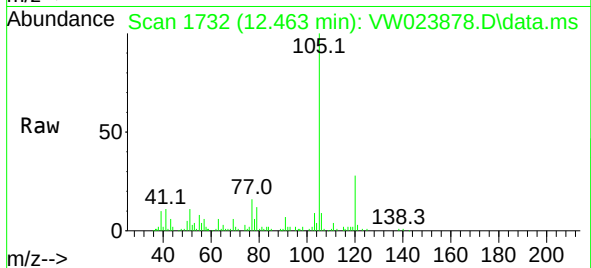
H0B24

Tgt Ion:	105	Resp:	1756
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.7	31.1
77	15.3	13.2	19.8

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#63

1,2,4-Trimethylbenzene

Concen: 2.887 ug/L

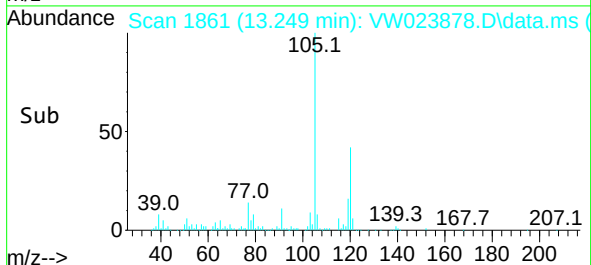
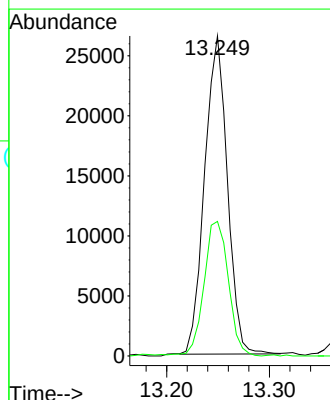
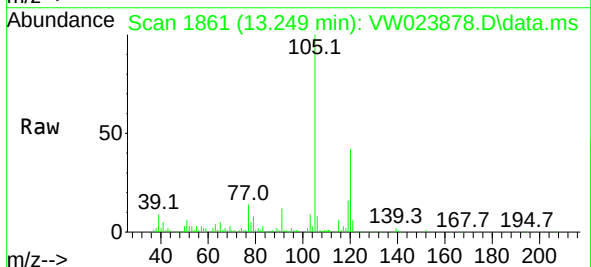
RT: 13.249 min Scan# 1861

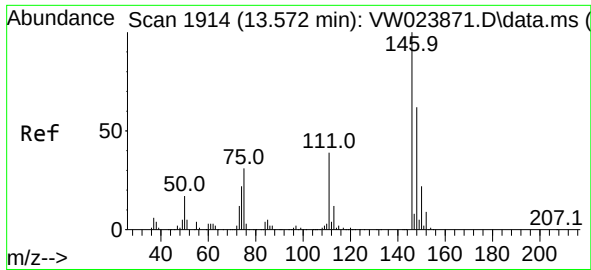
Delta R.T. 0.000 min

Lab File: VW023878.D

Acq: 19 Jul 2022 12:39

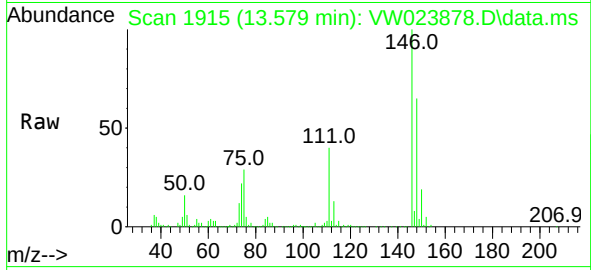
Tgt Ion:	105	Resp:	40757
Ion Ratio	Lower	Upper	
105	100		
120	45.0	35.5	53.3





#65
 1,4-Dichlorobenzene
 Concen: 30.752 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: VW023878.D
 Acq: 19 Jul 2022 12:39

Instrument :
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Tgt Ion:146 Resp: 256158
 Ion Ratio Lower Upper
 146 100
 111 40.0 29.4 54.6
 148 65.4 44.4 82.5

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