

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021000.D
 Acq On : 01 Dec 2021 12:08
 Operator : SY/VA
 Sample : M4868-02
 Misc : 7.08g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKN9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 02 01:57:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	163529	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	148456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75982	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	26454	13.946	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.800%
7) Chloroethane-d5	2.879	69	18678	15.268	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.080%
11) 1,1-Dichloroethene-d2	3.995	63	48885	13.320	ug/L	-0.03
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.280%
21) 2-Butanone-d5	7.110	46	10674	22.545	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.080%
24) Chloroform-d	7.647	84	56111	13.618	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	54.480%
26) 1,2-Dichloroethane-d4	8.305	65	27525	13.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	52.640%#
32) Benzene-d6	8.269	84	103918	13.281	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	53.120%
36) 1,2-Dichloropropane-d6	9.274	67	31119	13.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	55.880%#
41) Toluene-d8	10.323	98	102818	13.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.960%
43) trans-1,3-Dichloroprop...	10.579	79	11982	11.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.520%
47) 2-Hexanone-d5	10.927	63	9126	24.696	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	22906	13.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	53.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	39923	14.742	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	58.960%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.355	62	7180	2.885	ug/L	# 76
13) Acetone	4.184	43	18592	43.983	ug/L	99
20) cis-1,2-Dichloroethene	7.159	96	142648	59.937	ug/L	76
27) 1,2-Dichloroethane	8.403	62	3307	1.366	ug/L	# 95
29) Cyclohexane	7.921	56	1696m	0.512	ug/L	
33) Benzene	8.317	78	80646	9.594	ug/L	100
35) Methylcyclohexane	9.329	83	2291	0.591	ug/L	# 90
40) 4-Methyl-2-pentanone	10.213	43	6832	5.868	ug/L	# 95
42) Toluene	10.384	91	212845	22.512	ug/L	97
51) Chlorobenzene	11.658	112	7191	1.144	ug/L	91
52) Ethylbenzene	11.731	91	1518039	144.897	ug/L	96
53) m,p-Xylene	11.835	106	2138322	499.921	ug/L	86
54) o-Xylene	12.164	106	527030	128.296	ug/L	96
60) Isopropylbenzene	12.463	105	75405	7.286	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	162288	18.589	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	580775	67.426	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	13103	3.065	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	25663	8.163	ug/L	# 90
72) 1,2,3-Trichlorobenzene	15.554	180	10321	3.890	ug/L	# 80

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

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

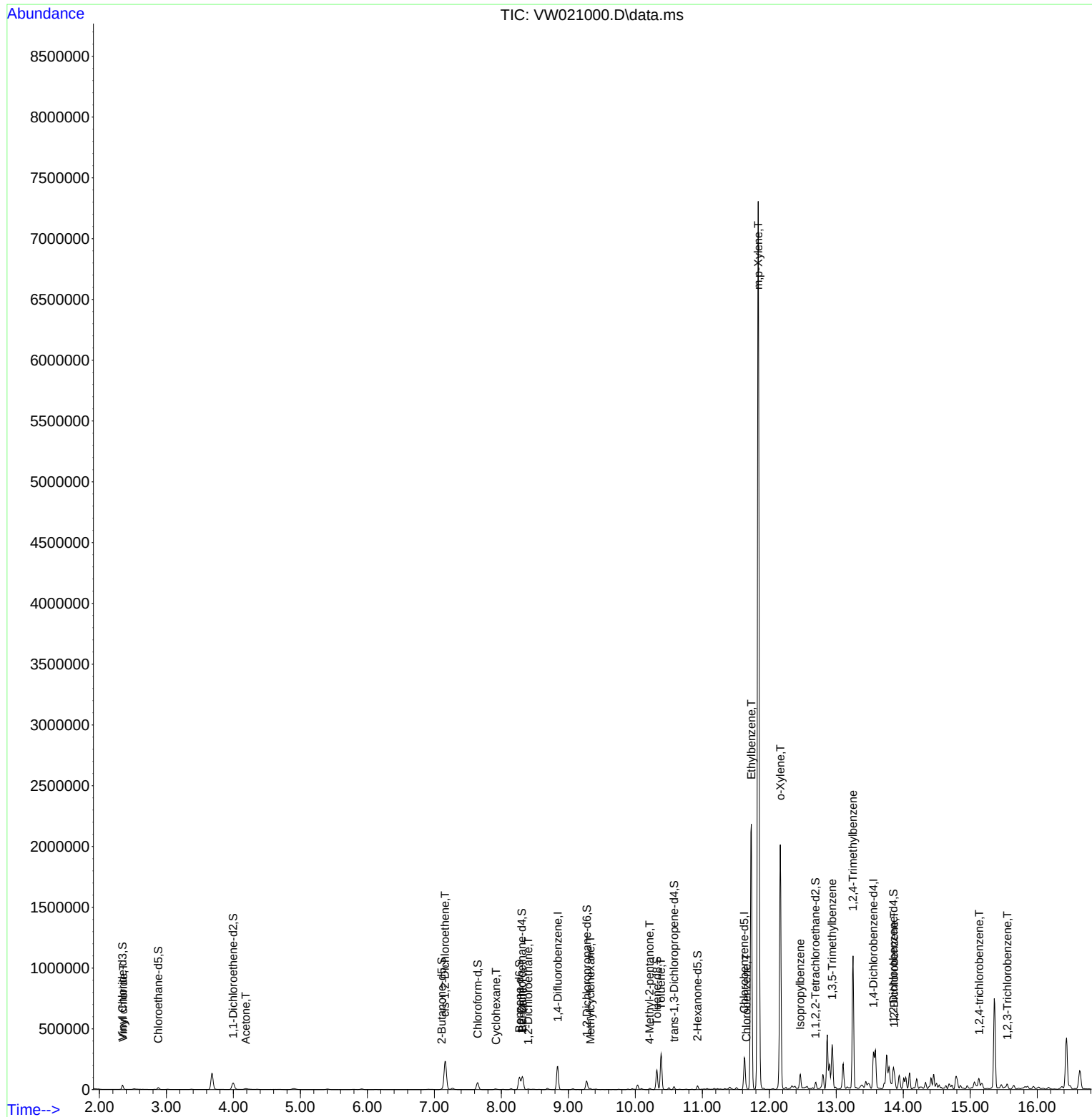
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW021000.D
Acq On : 01 Dec 2021 12:08
Operator : SY/VA
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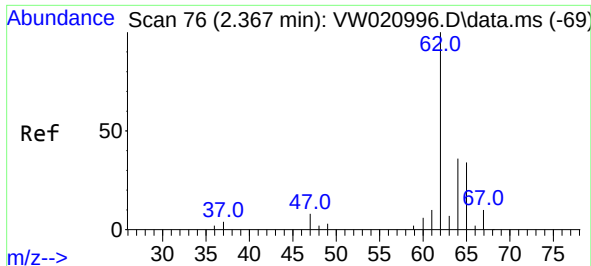
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration





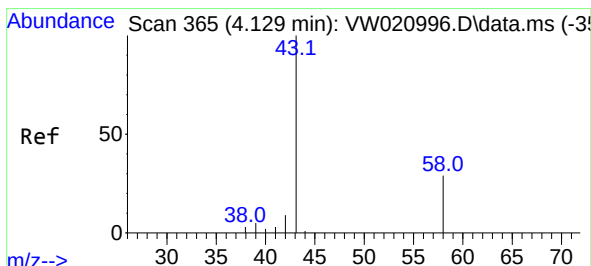
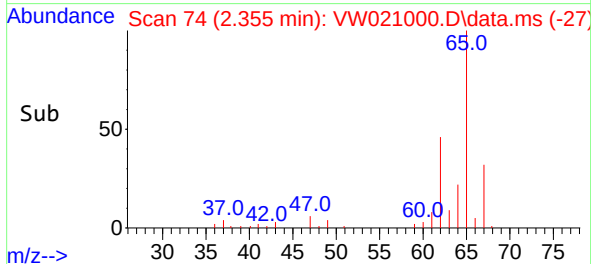
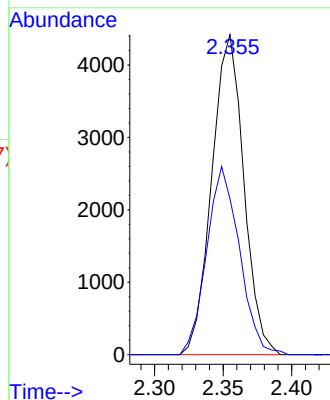
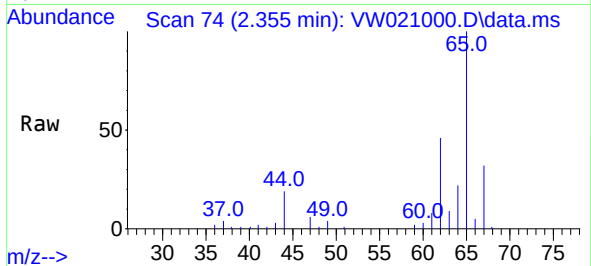
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 Vinyl chloride
 Concen: 2.885 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW021000.D
 Acq: 01 Dec 2021 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion: 62 Resp: 7180
 Ion Ratio Lower Upper
 62 100
 64 48.7 24.4 45.2

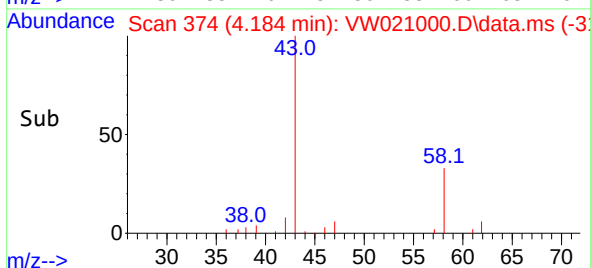
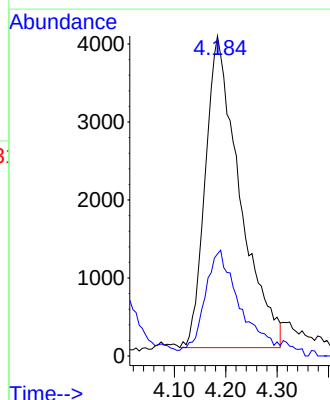
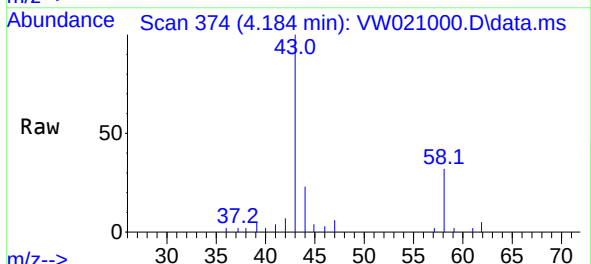
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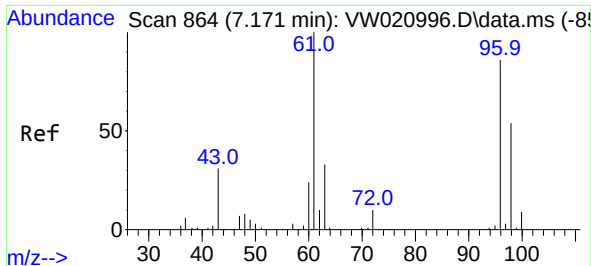
Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021



#13
 Acetone
 Concen: 43.983 ug/L
 RT: 4.184 min Scan# 374
 Delta R.T. 0.055 min
 Lab File: VW021000.D
 Acq: 01 Dec 2021 12:08

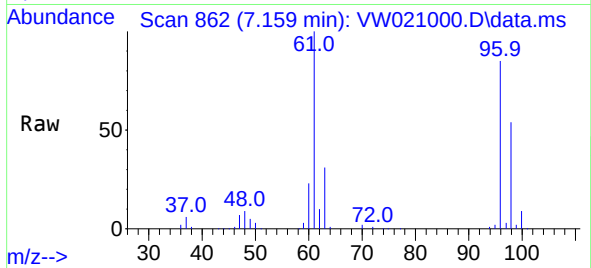
Tgt Ion: 43 Resp: 18592
 Ion Ratio Lower Upper
 43 100
 58 26.8 0.0 52.8





#20
cis-1,2-Dichloroethene
Concen: 59.937 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

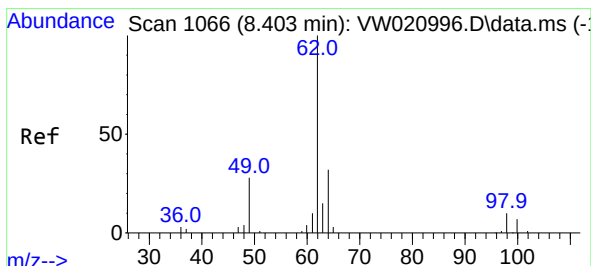
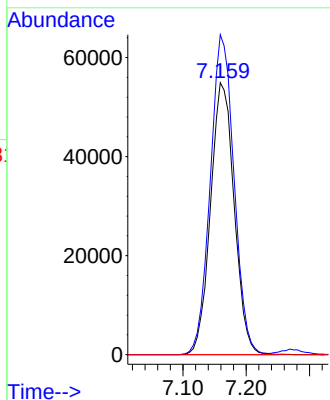
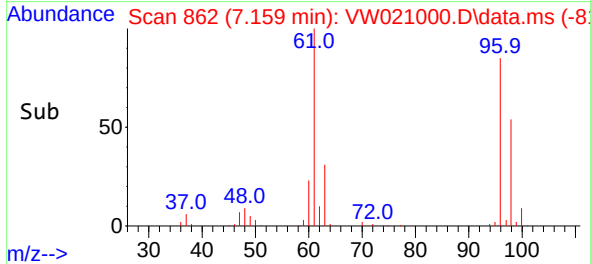
Instrument :
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ClientSampleId :
BGKN9



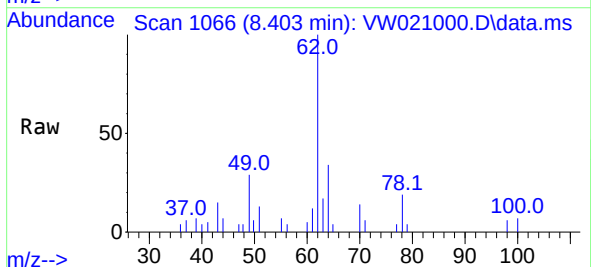
Tgt Ion: 96 Resp: 142648
Ion Ratio Lower Upper
96 100
61 117.6 103.7 192.7
68 0.0 0.0 0.0

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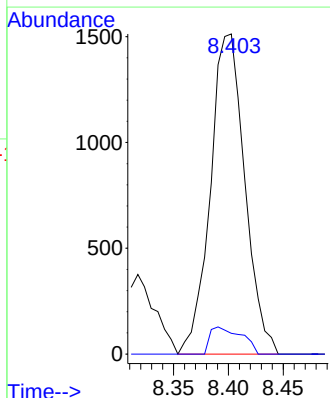
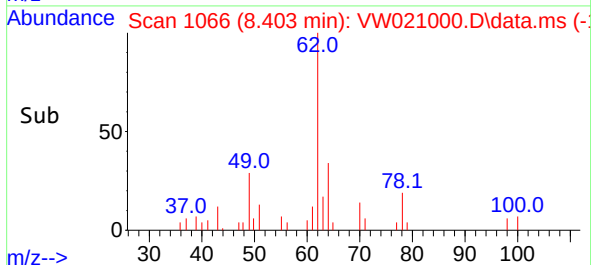
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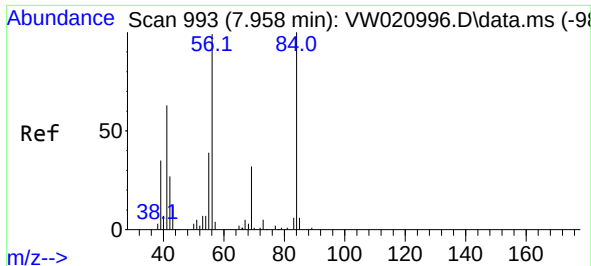


#27
1,2-Dichloroethane
Concen: 1.366 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08



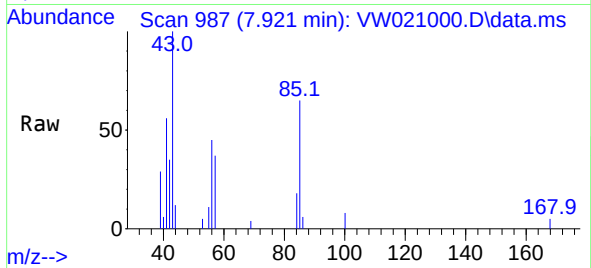
Tgt Ion: 62 Resp: 3307
Ion Ratio Lower Upper
62 100
98 6.5 6.5 9.7#





#29
Cyclohexane
Concen: 0.512 ug/L m
RT: 7.921 min Scan# 993
Delta R.T. -0.036 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

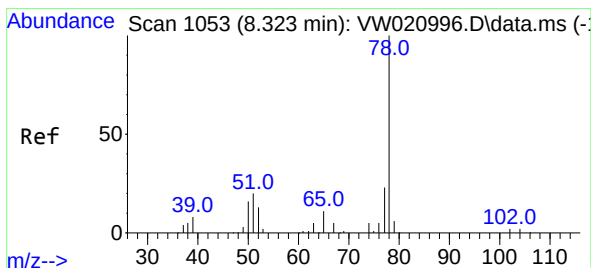
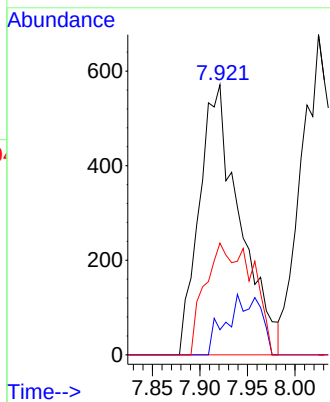
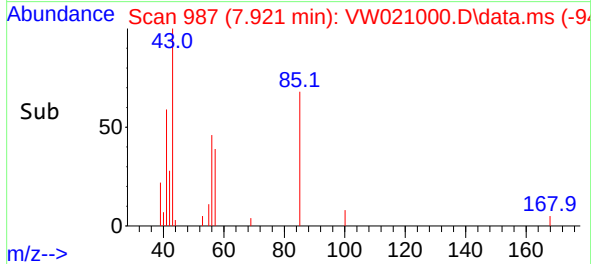
Instrument :
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BGKN9



Tgt Ion: 56 Resp: 1690
Ion Ratio Lower Upper
56 100
69 8.1 23.5 35.3
84 0.0 63.4 95.2

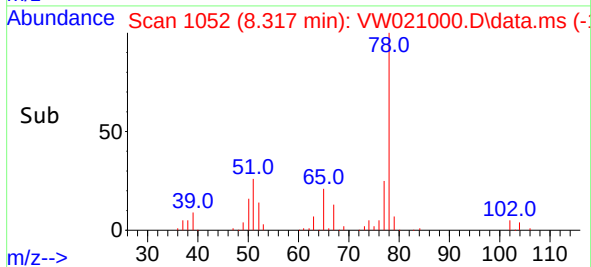
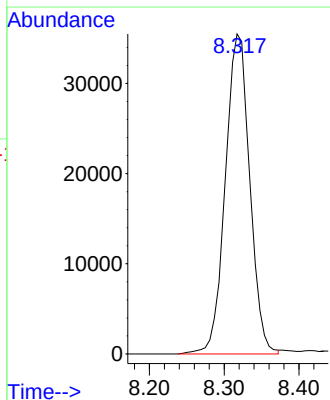
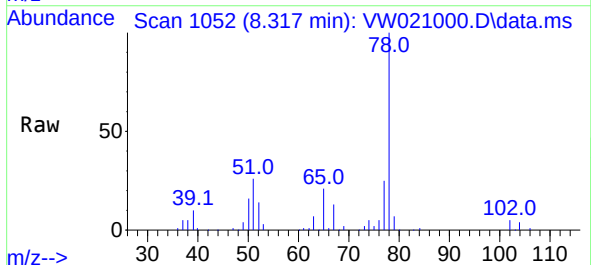
Manual Integrations
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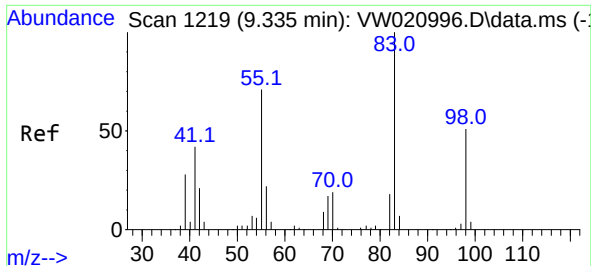
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#33
Benzene
Concen: 9.594 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Tgt Ion: 78 Resp: 80646





#35

Methylcyclohexane

Concen: 0.591 ug/L

RT: 9.329 min Scan# 1219

Delta R.T. -0.006 min

Lab File: VW021000.D

Acq: 01 Dec 2021 12:08

Instrument :

MSVOA_W

ClientSampleId :

BGKN9

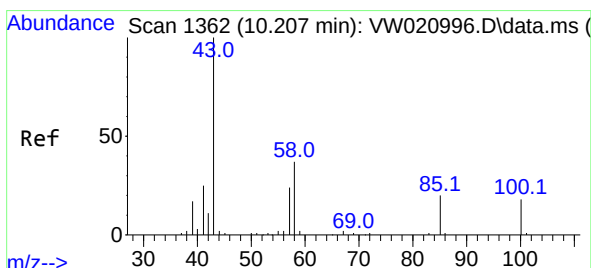
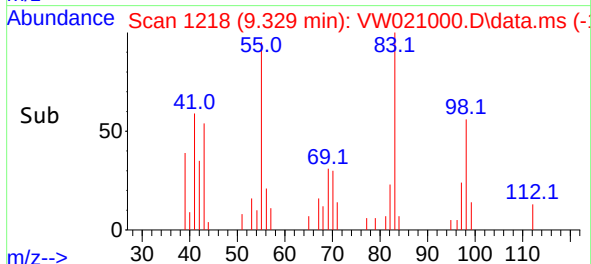
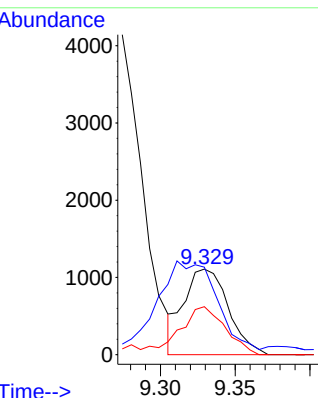
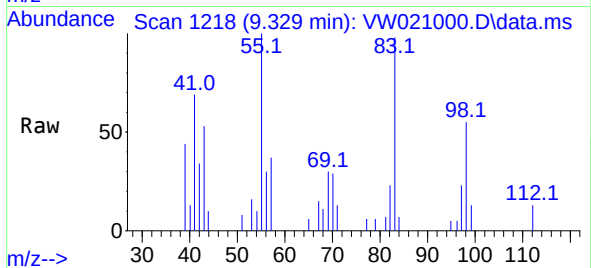
Tgt Ion: 83 Resp: 229

Ion	Ratio	Lower	Upper
83	100		
55	82.6	70.8	106.2
98	57.8	37.7	56.5

Manual Integrations

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#40

4-Methyl-2-pentanone

Concen: 5.868 ug/L

RT: 10.213 min Scan# 1363

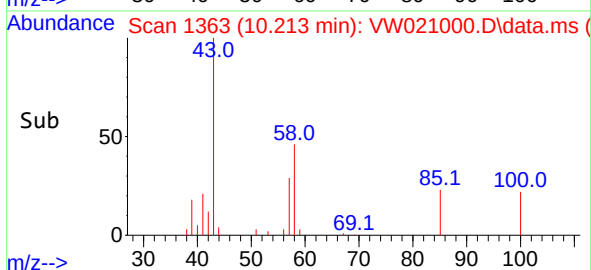
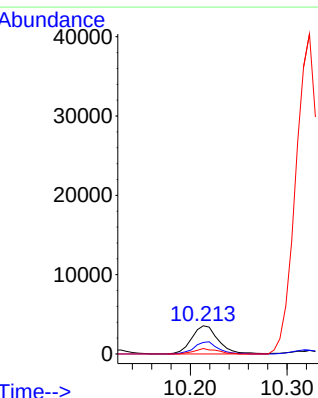
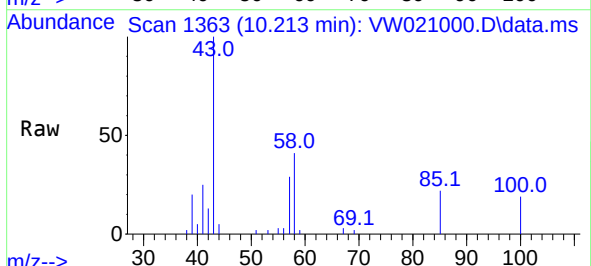
Delta R.T. 0.006 min

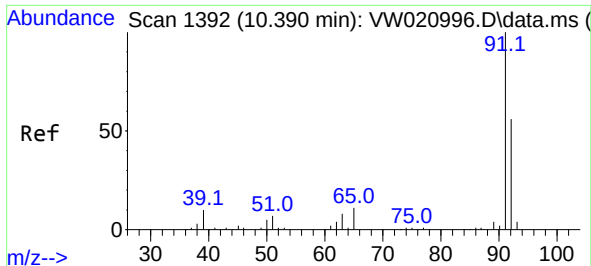
Lab File: VW021000.D

Acq: 01 Dec 2021 12:08

Tgt Ion: 43 Resp: 6832

Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.8	43.2
100	16.4	10.0	15.0





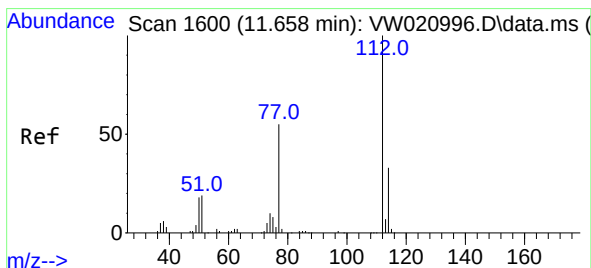
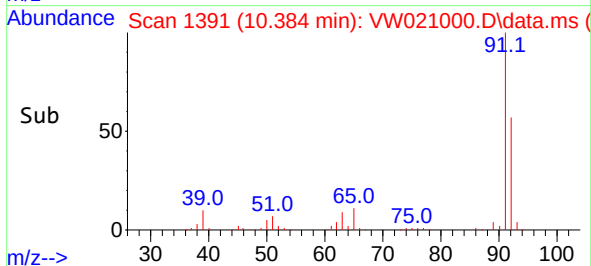
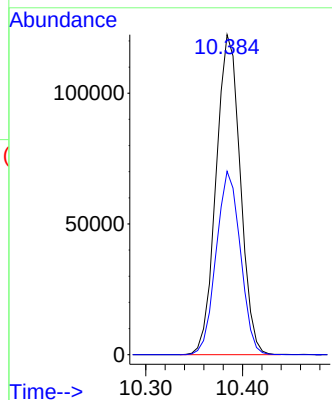
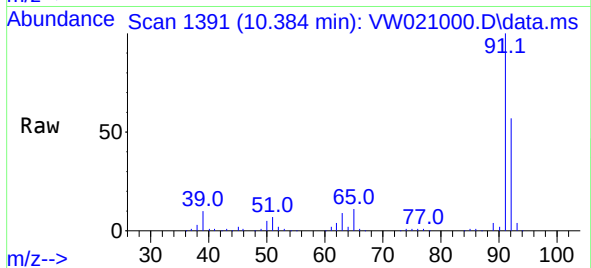
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Toluene
Concen: 22.512 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 91 Resp: 21284
Ion Ratio Lower Upper
91 100
92 57.3 41.7 77.5

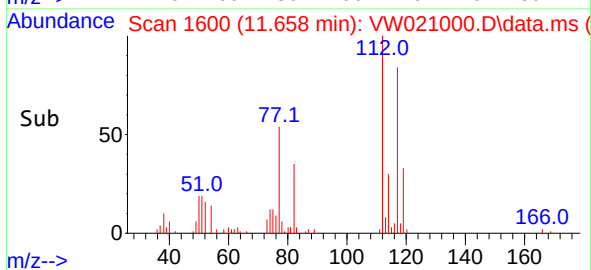
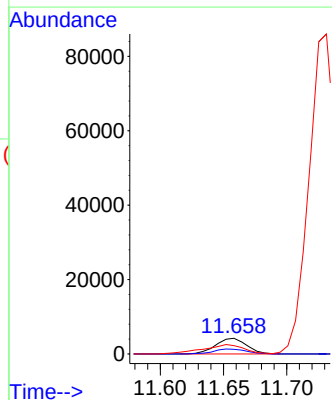
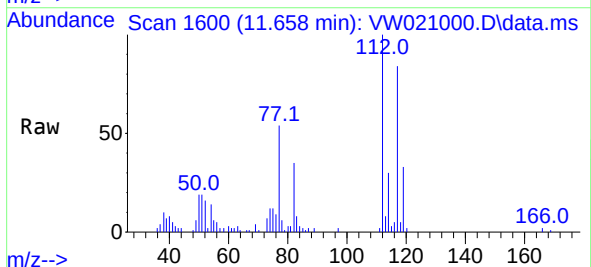
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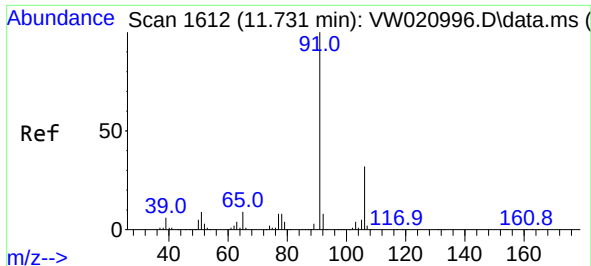
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#51
Chlorobenzene
Concen: 1.144 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Tgt Ion:112 Resp: 7191
Ion Ratio Lower Upper
112 100
114 29.5 22.4 41.6
77 53.6 50.2 75.4





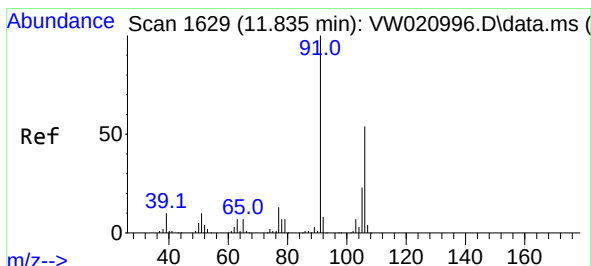
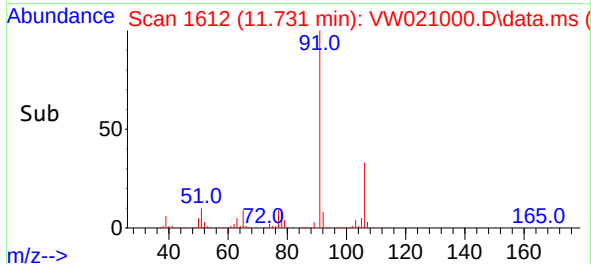
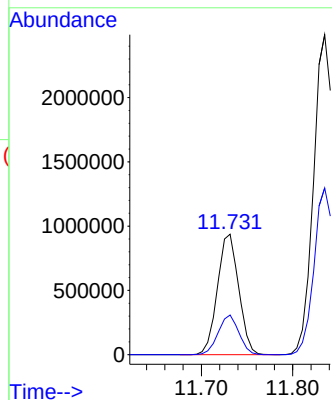
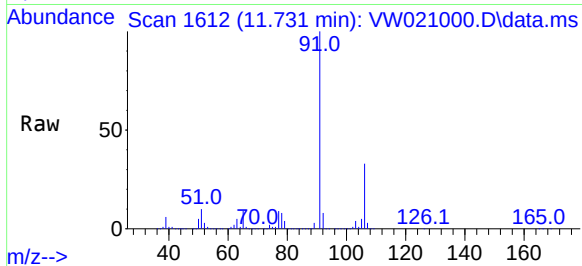
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Ethylbenzene
Concen: 144.897 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Instrument :
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Tgt Ion: 91 Resp: 1518039
Ion Ratio Lower Upper
91 100
106 33.0 21.5 39.9

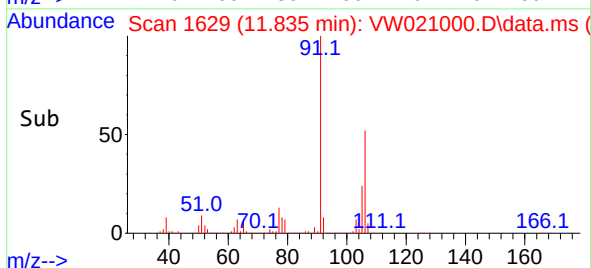
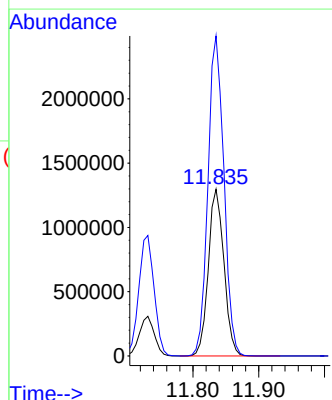
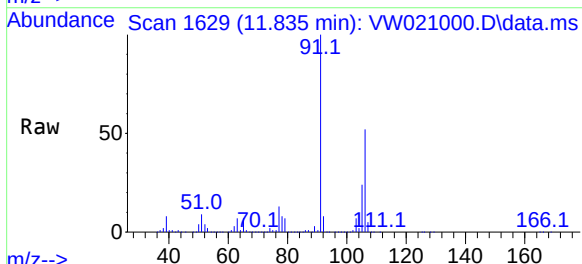
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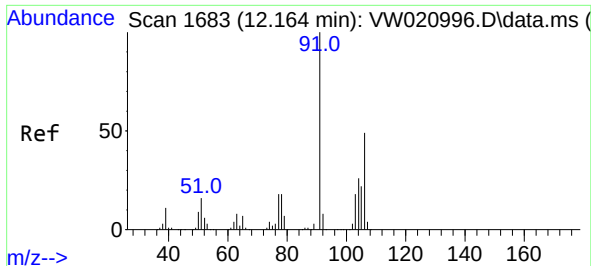
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#53
m,p-Xylene
Concen: 499.921 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

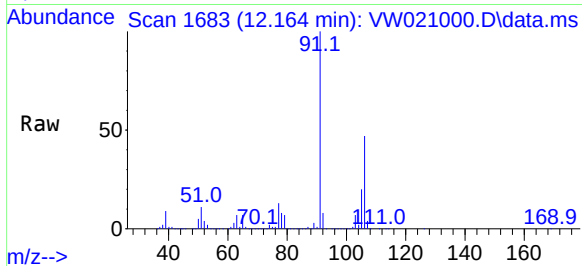
Tgt Ion:106 Resp: 2138322
Ion Ratio Lower Upper
106 100
91 191.9 149.9 278.3





#54
o-Xylene
Concen: 128.296 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

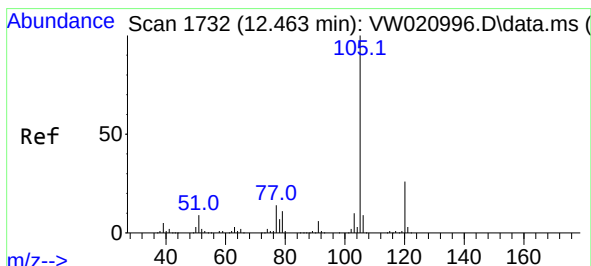
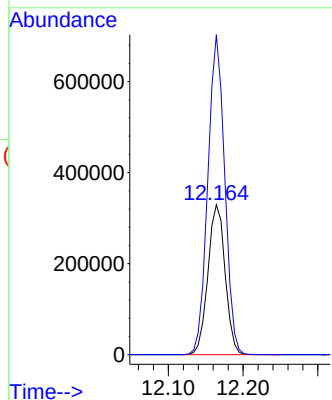
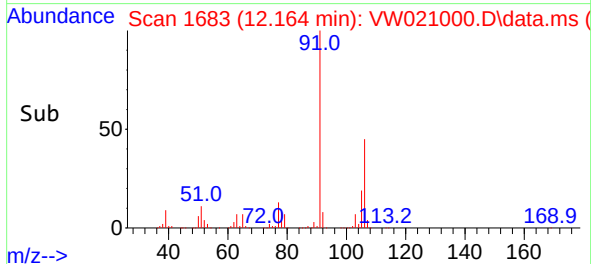
Instrument :
MSVOA_W
ClientSampleId :
BGKN9



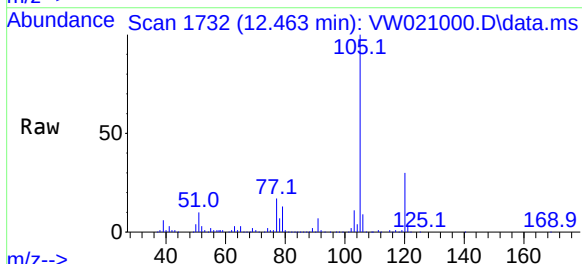
Tgt Ion:106 Resp: 527030
Ion Ratio Lower Upper
106 100
91 213.5 153.6 285.3

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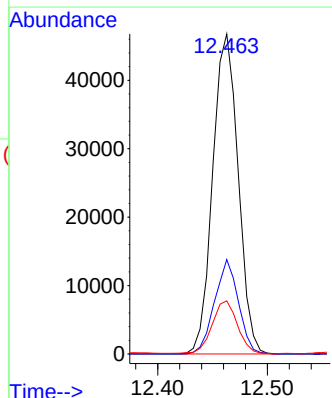
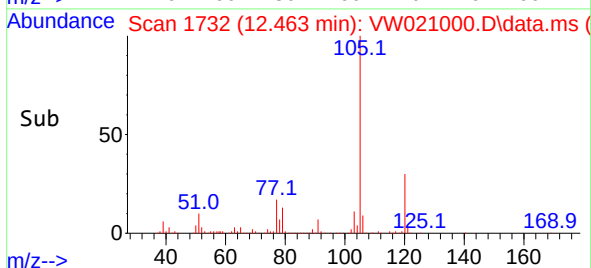
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021

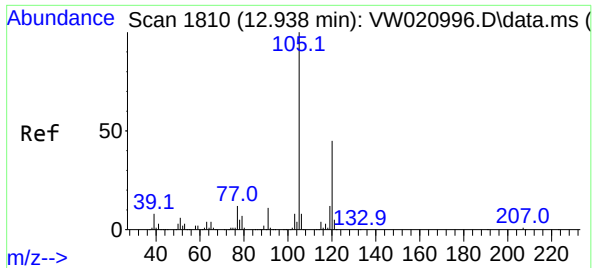


#60
Isopropylbenzene
Concen: 7.286 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08



Tgt Ion:105 Resp: 75405
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 16.8 13.8 20.8





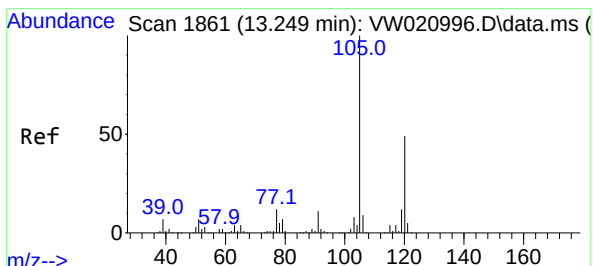
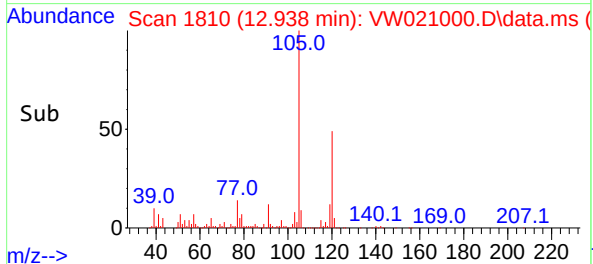
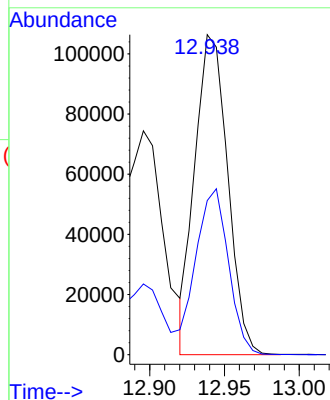
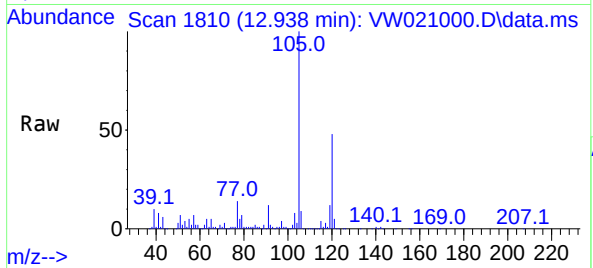
#62
1,3,5-Trimethylbenzene
Concen: 18.589 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Instrument :
MSVOA_W
ClientSampleId :
BGKN9

Tgt Ion:105 Resp: 16228
Ion Ratio Lower Upper
105 100
120 52.4 37.4 56.2

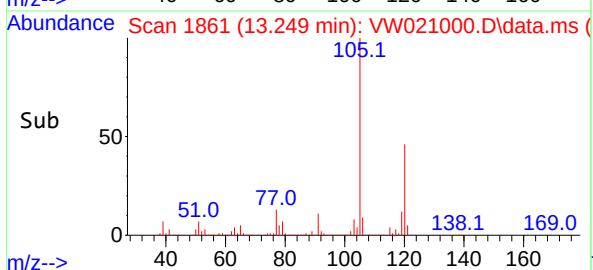
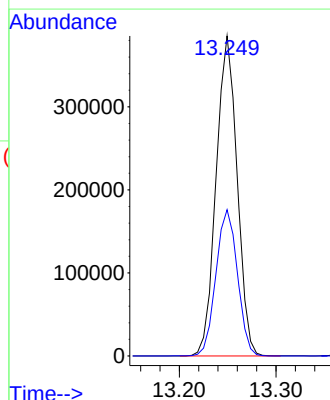
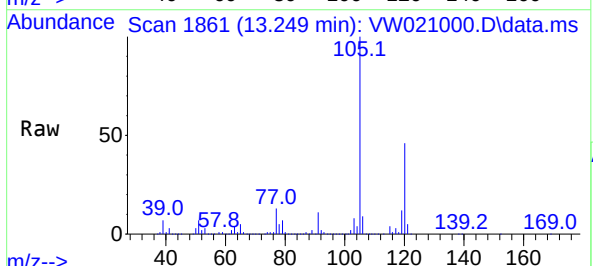
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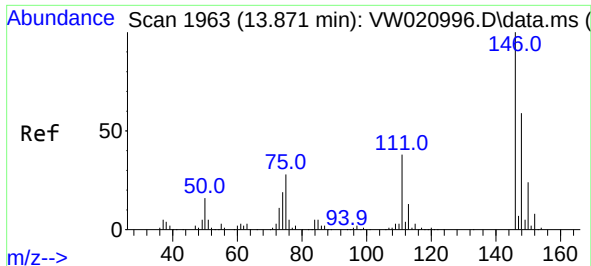
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#63
1,2,4-Trimethylbenzene
Concen: 67.426 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Tgt Ion:105 Resp: 580775
Ion Ratio Lower Upper
105 100
120 46.9 35.0 52.6





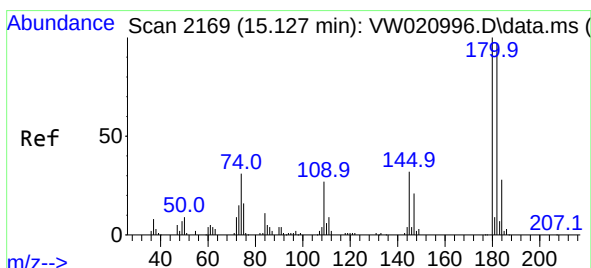
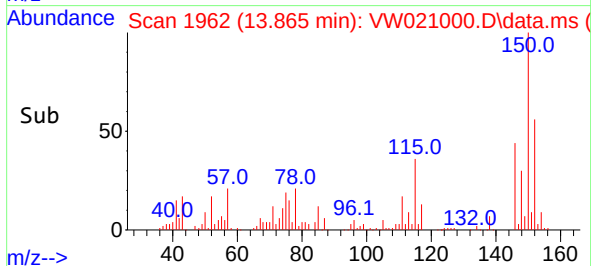
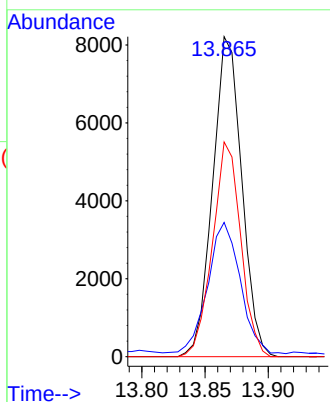
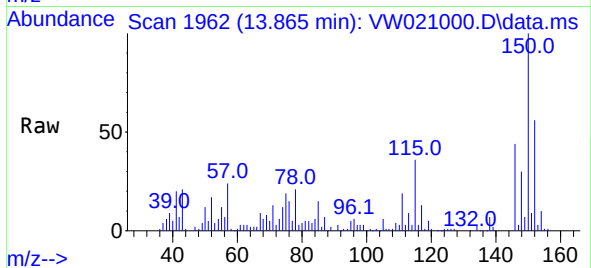
#67
1,2-Dichlorobenzene
Concen: 3.065 ug/L
RT: 13.865 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Instrument :
MSVOA_W
ClientSampleId :
BGKN9

Tgt Ion:146 Resp: 1310
Ion Ratio Lower Upper
146 100
111 41.9 33.1 49.7
148 67.1 47.4 71.2

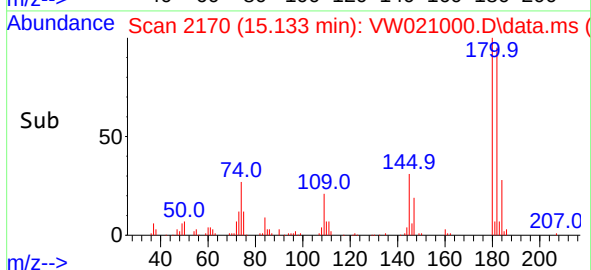
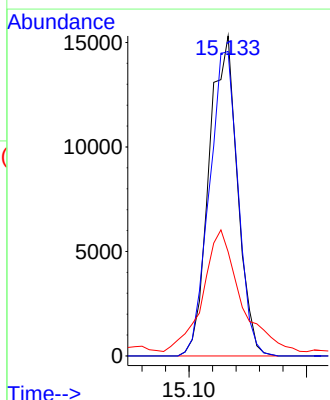
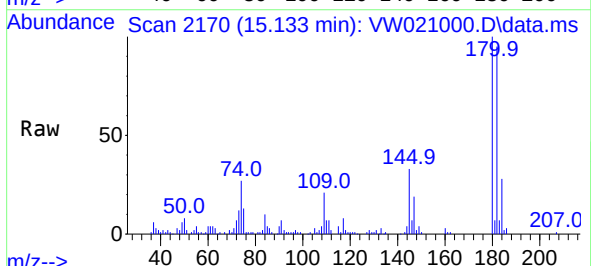
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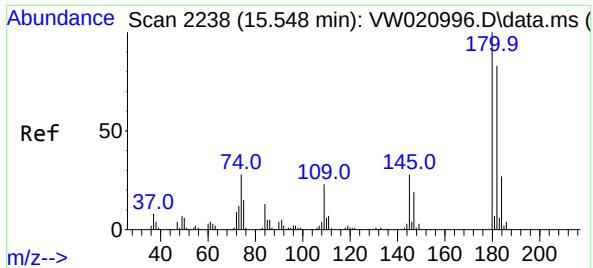
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#70
1,2,4-trichlorobenzene
Concen: 8.163 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Tgt Ion:180 Resp: 25663
Ion Ratio Lower Upper
180 100
182 96.5 79.0 118.6
145 52.3 26.0 39.0#





#72
1,2,3-Trichlorobenzene
Concen: 3.890 ug/L
RT: 15.554 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021000.D
Acq: 01 Dec 2021 12:08

Instrument :
MSVOA_W
ClientSampleId :
BGKN9

Tgt Ion:	180	Resp:	1032
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.6	114.8
145	76.5	27.4	41.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021

