

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021005.D
 Acq On : 01 Dec 2021 16:34
 Operator : SY/VA
 Sample : M4868-11
 Misc : 6.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 02 01:58:52 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	8.841	114	1267	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	652	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	284m	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	344	23.407	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	93.640%	
7) Chloroethane-d5	2.897	69	309	32.600	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	130.400%	
11) 1,1-Dichloroethene-d2	4.025	63	543m	19.096	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	76.400%	
21) 2-Butanone-d5	7.098	46	46	12.540	ug/L	0.02
Spiked Amount	50.000	Range 20 - 135	Recovery	=	25.080%	
24) Chloroform-d	7.659	84	778	24.370	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	97.480%	
26) 1,2-Dichloroethane-d4	8.317	65	348	21.476	ug/L	0.01
Spiked Amount	25.000	Range 70 - 130	Recovery	=	85.920%	
32) Benzene-d6	8.280	84	1250	36.376	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	145.520%#	
36) 1,2-Dichloropropane-d6	9.268	67	441m	45.067	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	180.280%#	
41) Toluene-d8	10.329	98	887	26.006	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	104.040%	
43) trans-1,3-Dichloroprop...	10.579	79	89	19.242	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	76.960%	
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.700	84	347m	46.290	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	185.160%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	473m	46.729	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	186.920%#	
Target Compounds						
5) Vinyl chloride	2.367	62	627	32.517	ug/L	89
13) Acetone	4.129	43	544m	166.101	ug/L	
17) trans-1,2-Dichloroethene	5.439	96	585	34.192	ug/L	# 74
20) cis-1,2-Dichloroethene	7.177	96	82602	4479.576	ug/L	76
29) Cyclohexane	7.957	56	130	8.943	ug/L	# 65
33) Benzene	8.329	78	47576	1288.757	ug/L	100
34) Trichloroethene	9.091	95	43914	4252.893	ug/L	95
35) Methylcyclohexane	9.341	83	981	57.624	ug/L	# 17
40) 4-Methyl-2-pentanone	10.213	43	650	127.110	ug/L	# 87
42) Toluene	10.390	91	230421	5549.162	ug/L	98
46) Tetrachloroethene	10.865	164	15083	1590.916	ug/L	96
51) Chlorobenzene	11.658	112	7092	256.798	ug/L	91
52) Ethylbenzene	11.731	91	176505	3836.036	ug/L	100
53) m,p-Xylene	11.835	106	236718	12601.148	ug/L	87
54) o-Xylene	12.164	106	62374	3457.262	ug/L	98
55) Styrene	12.182	104	30050	1003.096	ug/L	100
60) Isopropylbenzene	12.463	105	76475	1977.045	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	33219	1018.016	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	99370	3086.501	ug/L	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) 1,2-Dichlorobenzene	13.865	146	6515	407.676	ug/L	92

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

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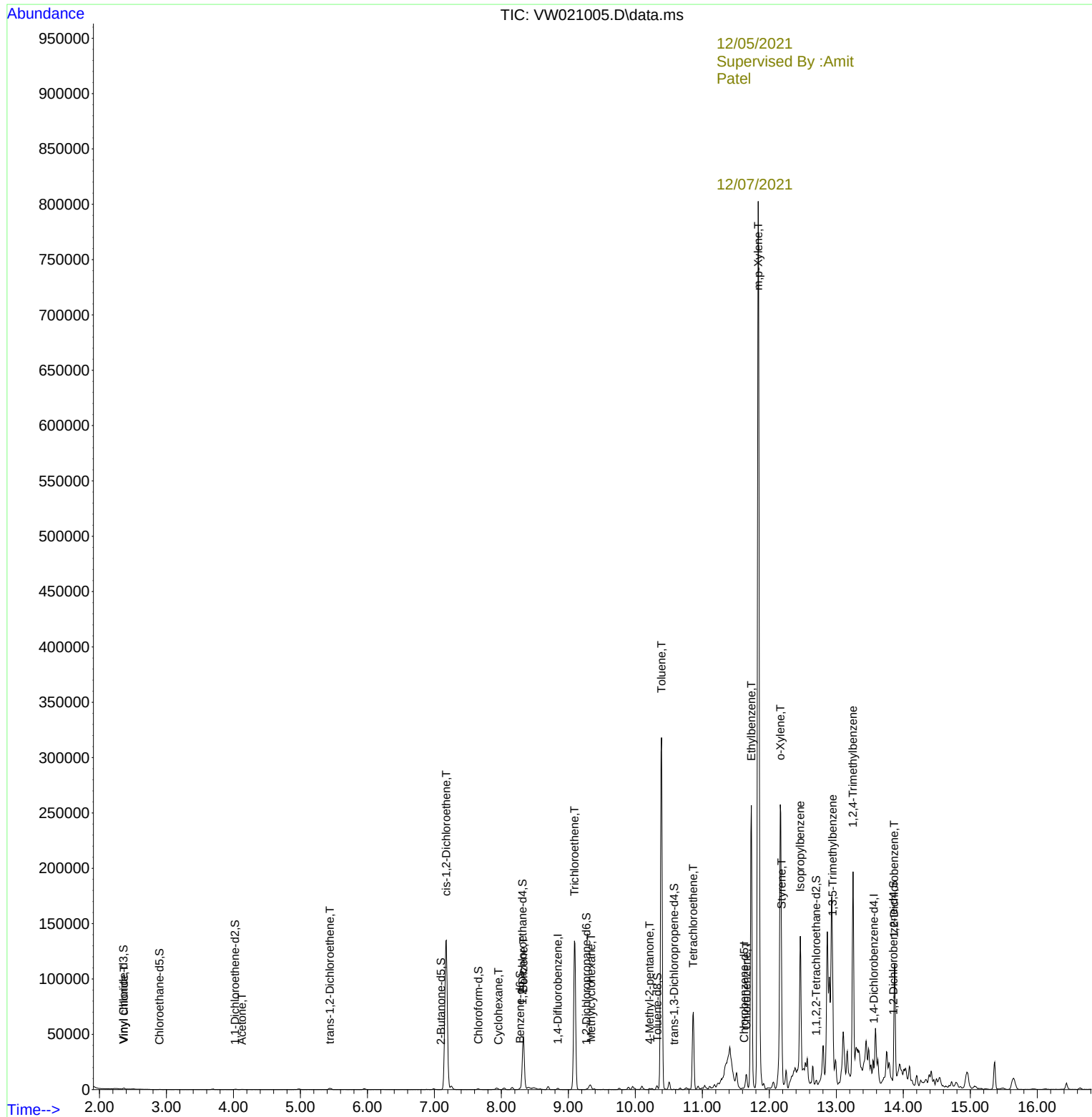
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Data File : VW021005.D
Acq On : 01 Dec 2021 16:34
Operator : SY/VA
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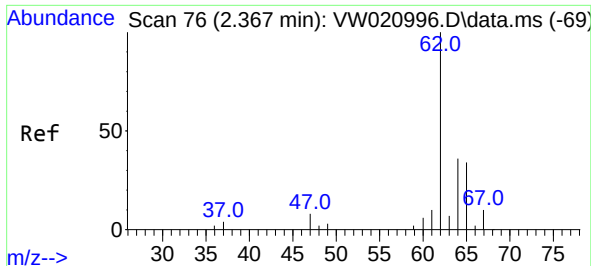
Instrument :
MSVOA_W
ClientSampleId :
BGKP6

Manual Integrations
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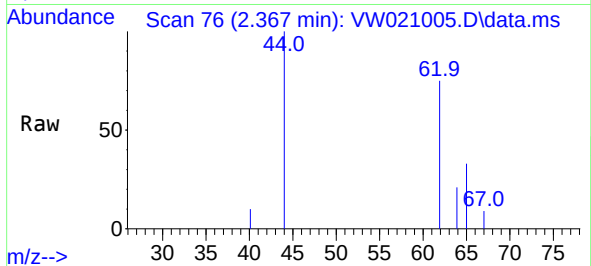
Quant Time: Dec 02 01:58:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 32.517 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW021005.D
 Acq: 01 Dec 2021 16:34

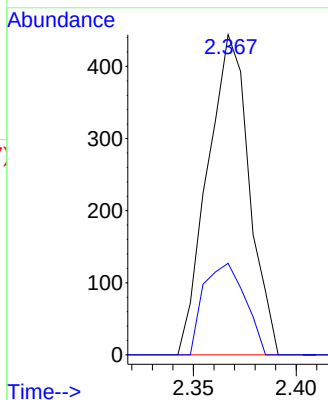
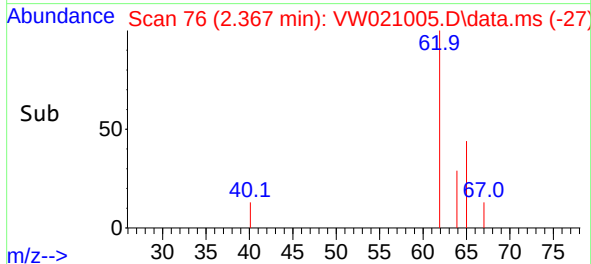
Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP6



Tgt Ion: 62 Resp: 62
 Ion Ratio Lower Upper
 62 100
 64 28.6 24.4 45.2

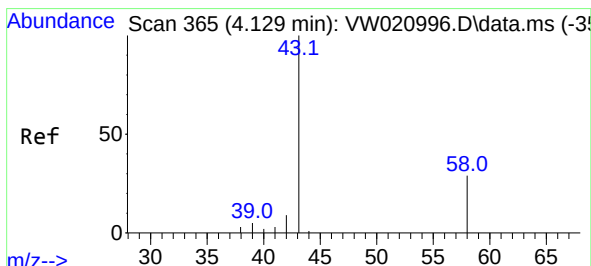
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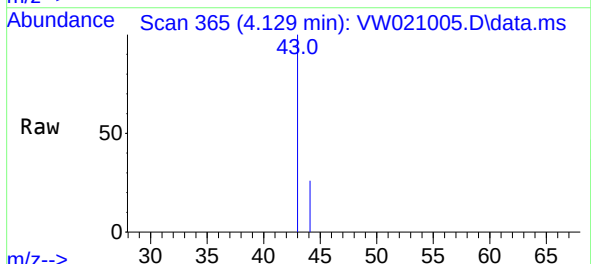


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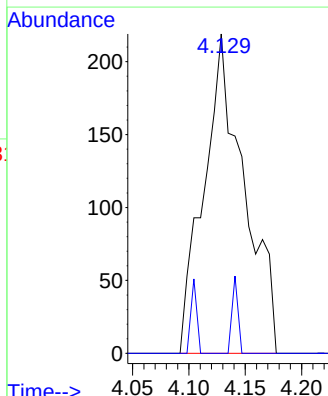
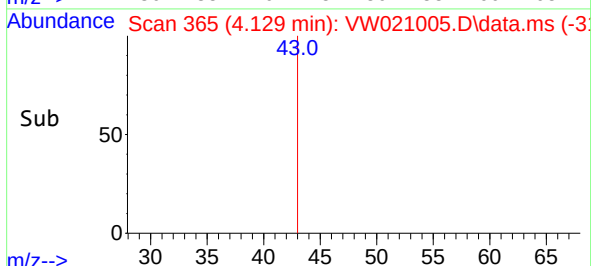
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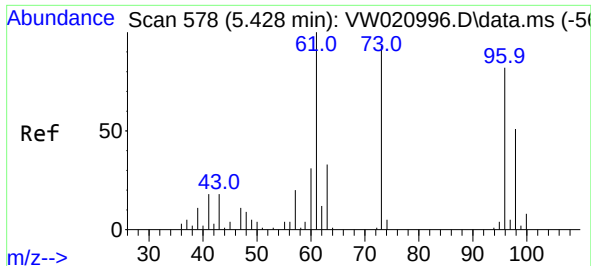


#13
 Acetone
 Concen: 166.101 ug/L m
 RT: 4.129 min Scan# 365
 Delta R.T. -0.000 min
 Lab File: VW021005.D
 Acq: 01 Dec 2021 16:34



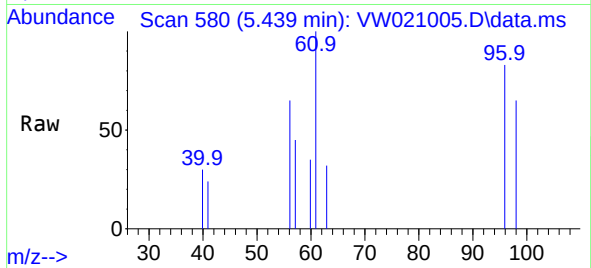
Tgt Ion: 43 Resp: 544
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 52.8





#17
trans-1,2-Dichloroethene
Concen: 34.192 ug/L
RT: 5.439 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

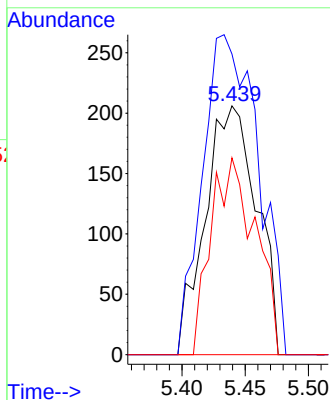
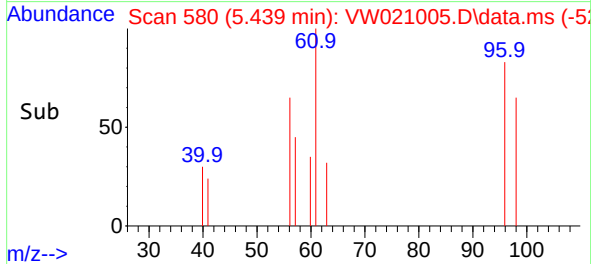
Instrument :
MSVOA_W
ClientSampleId :
BGKP6



Tgt Ion: 96 Resp: 580
Ion Ratio Lower Upper
96 100
61 120.9 107.4 199.4
98 79.1 41.2 76.6

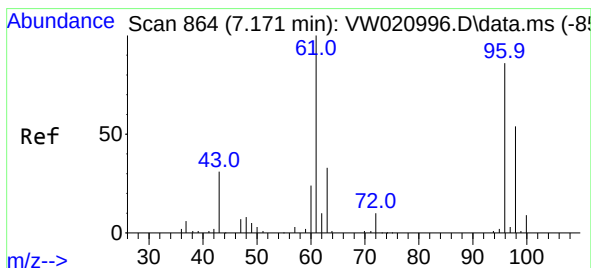
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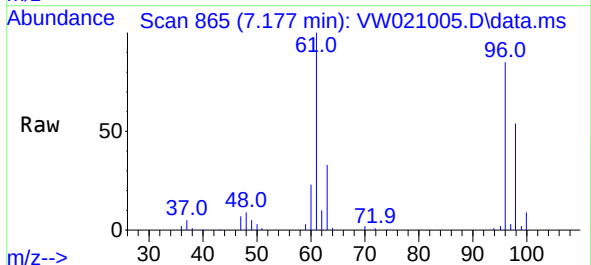


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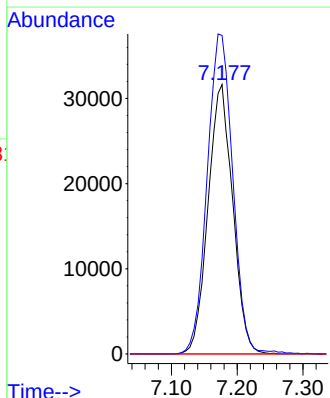
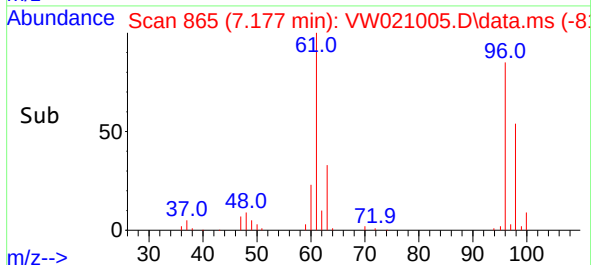
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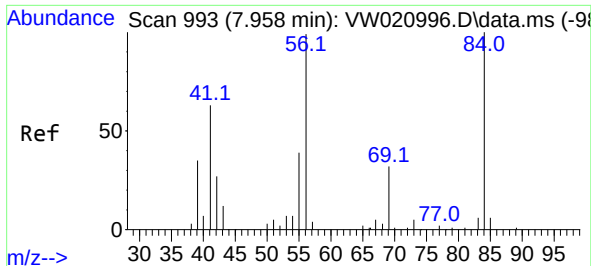


#20
cis-1,2-Dichloroethene
Concen: 4479.576 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34



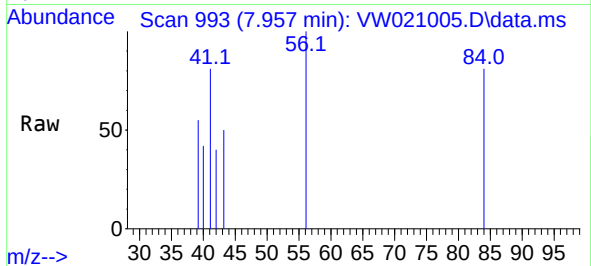
Tgt Ion: 96 Resp: 82602
Ion Ratio Lower Upper
96 100
61 118.2 103.7 192.7
68 0.0 0.0 0.0





#29
Cyclohexane
Concen: 8.943 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

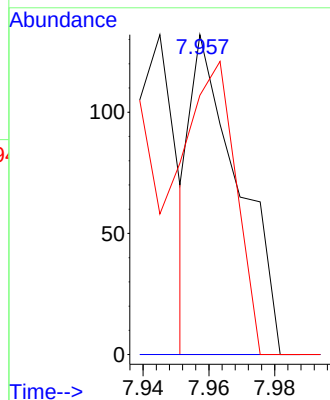
Instrument :
MSVOA_W
ClientSampleId :
BGKP6



Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
69 0.0 23.5 35.3
84 103.1 63.4 95.2

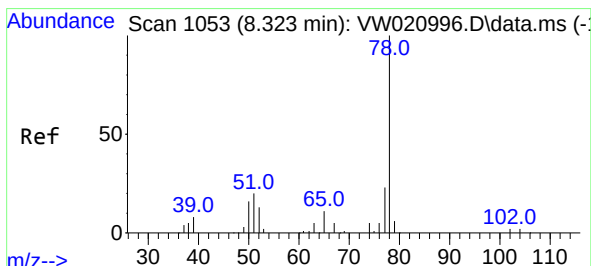
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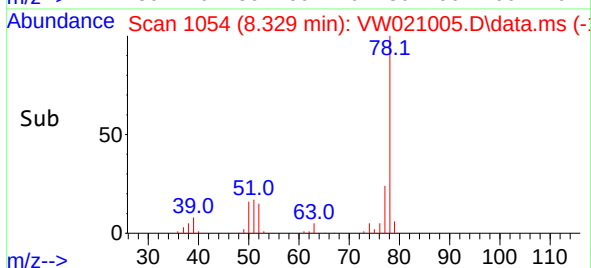
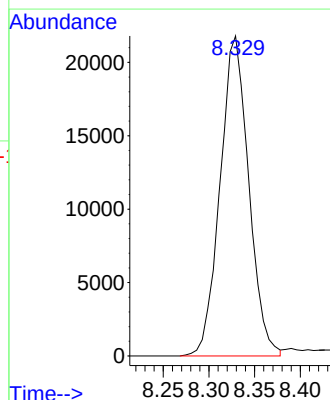
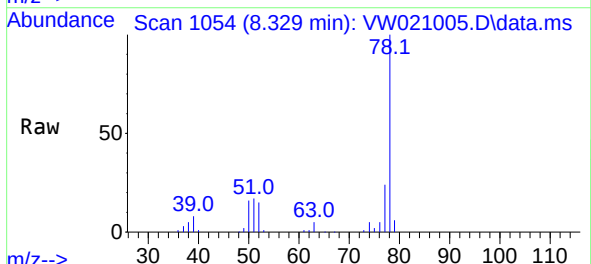
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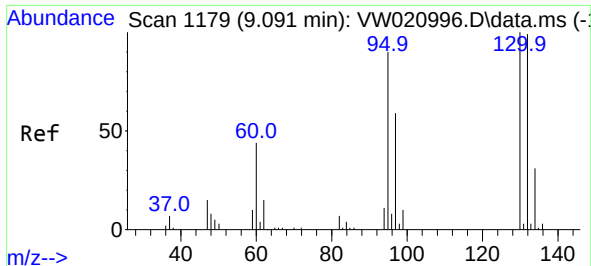
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#33
Benzene
Concen: 1288.757 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

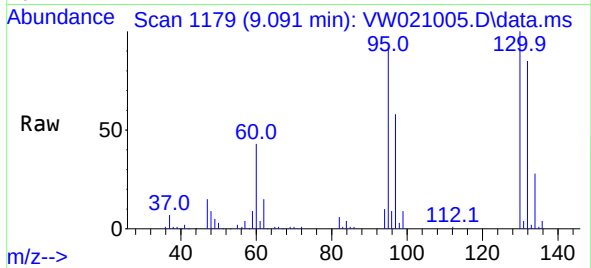
Tgt Ion: 78 Resp: 47576





#34
Trichloroethene
Concen: 4252.893 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

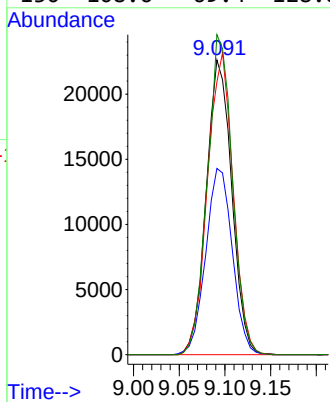
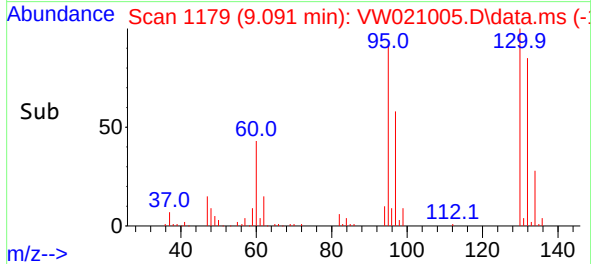
Instrument :
MSVOA_W
ClientSampleId :
BGKP6



Tgt Ion: 95 Resp: 43914
Ion Ratio Lower Upper
95 100
97 63.2 47.0 87.2
132 92.6 65.5 121.6
130 108.6 69.4 128.8

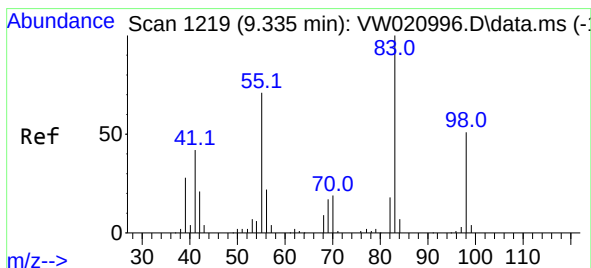
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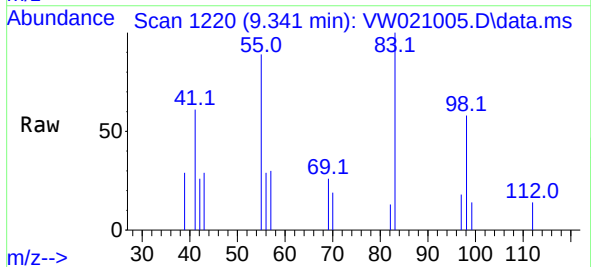


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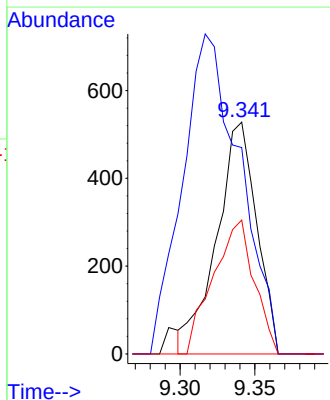
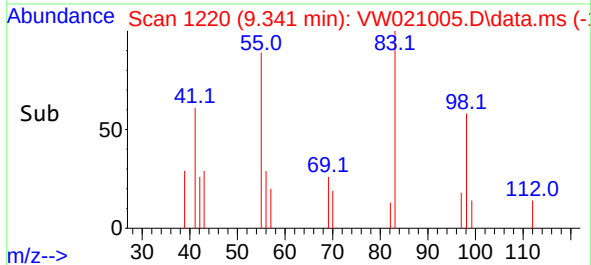
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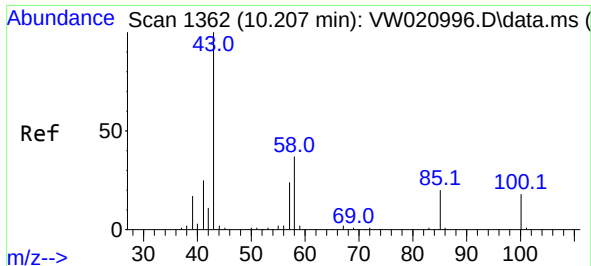


#35
Methylcyclohexane
Concen: 57.624 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34



Tgt Ion: 83 Resp: 981
Ion Ratio Lower Upper
83 100
55 198.0 70.8 106.2#
98 59.3 37.7 56.5#





#40

4-Methyl-2-pentanone

Concen: 127.110 ug/L

RT: 10.213 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021005.D

Acq: 01 Dec 2021 16:34

Instrument :

MSVOA_W

ClientSampleId :

BGKP6

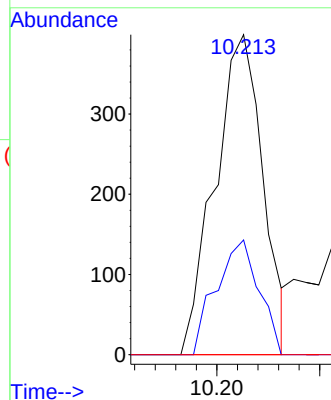
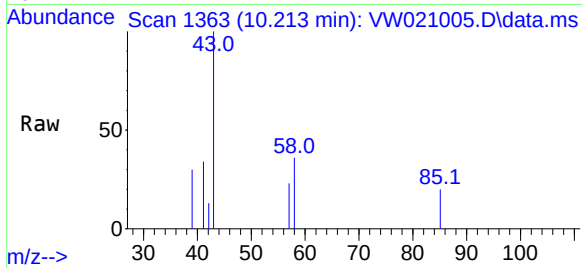
Tgt Ion: 43 Resp: 650

Ion	Ratio	Lower	Upper
43	100		
58	32.0	28.8	43.2
100	0.0	10.0	15.0

Manual Integrations

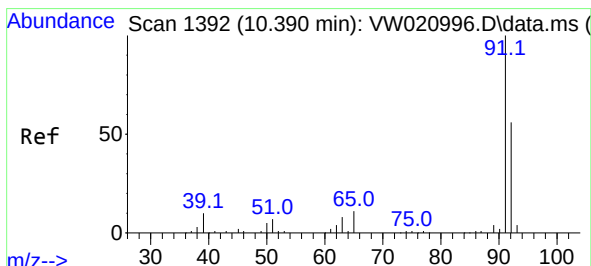
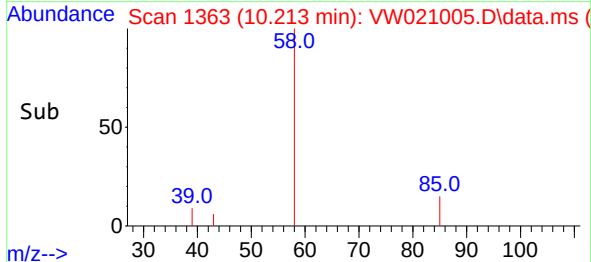
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#42

Toluene

Concen: 5549.162 ug/L

RT: 10.390 min Scan# 1392

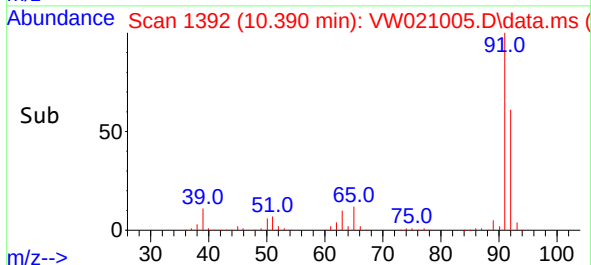
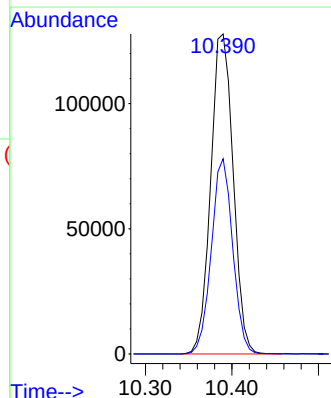
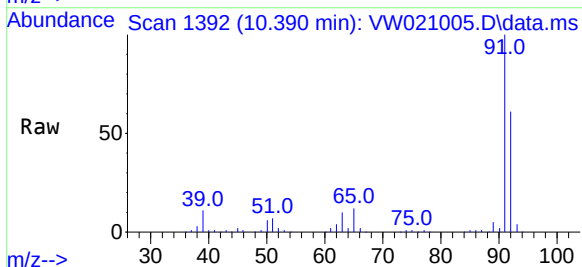
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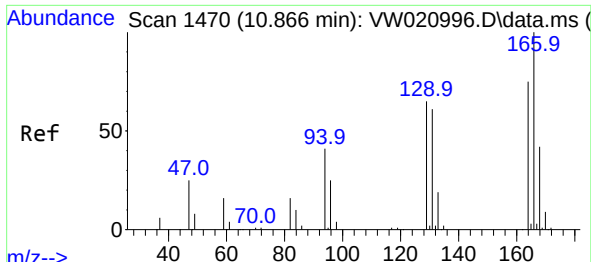
Lab File: VW021005.D

Acq: 01 Dec 2021 16:34

Tgt Ion: 91 Resp: 230421

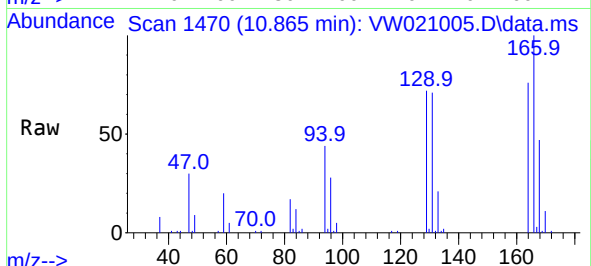
Ion	Ratio	Lower	Upper
91	100		
92	61.0	41.7	77.5





#46
Tetrachloroethene
Concen: 1590.916 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

Instrument :
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ClientSampleId :
BGKP6

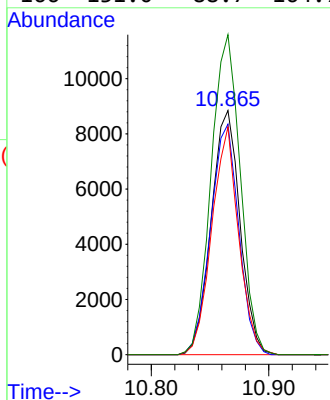
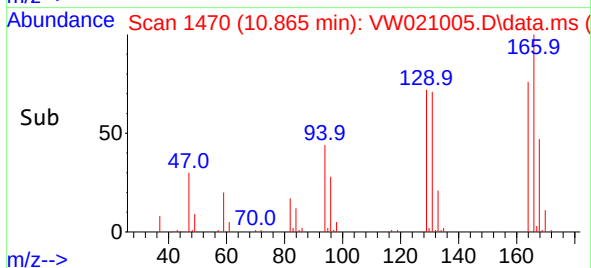


Tgt Ion:164 Resp: 1508

Ion	Ratio	Lower	Upper
164	100		
129	94.4	65.5	121.7
131	93.2	59.7	110.9
166	131.0	88.7	164.7

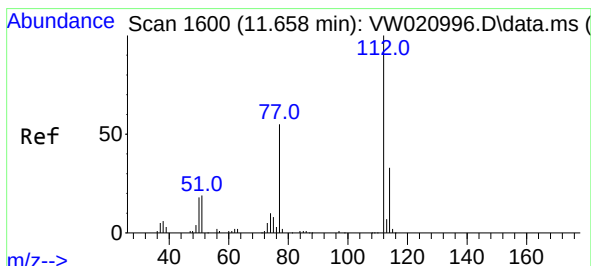
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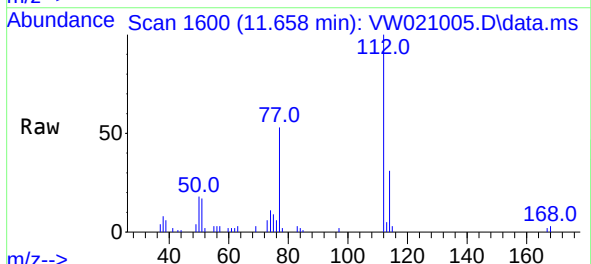


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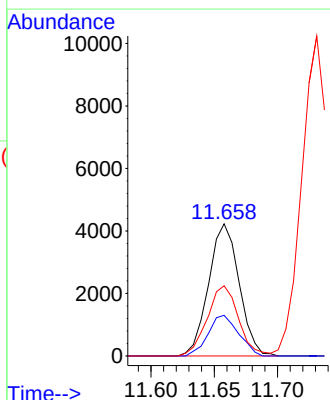
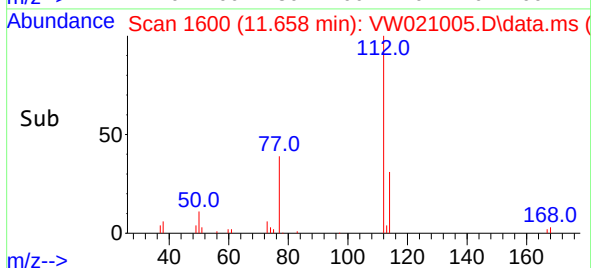


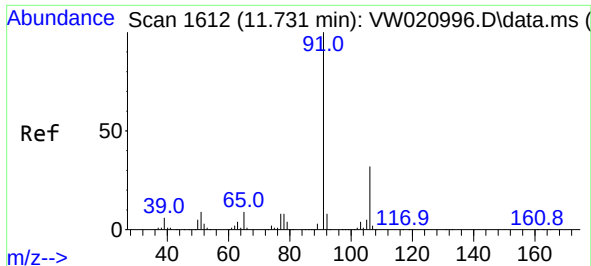
#51
Chlorobenzene
Concen: 256.798 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34



Tgt Ion:112 Resp: 7092

Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.4	41.6
77	53.2	50.2	75.4





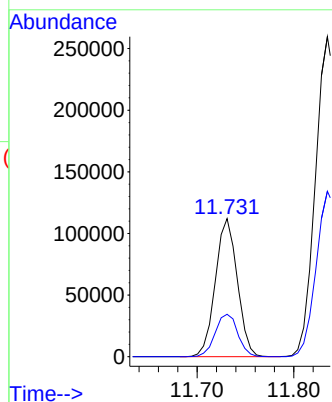
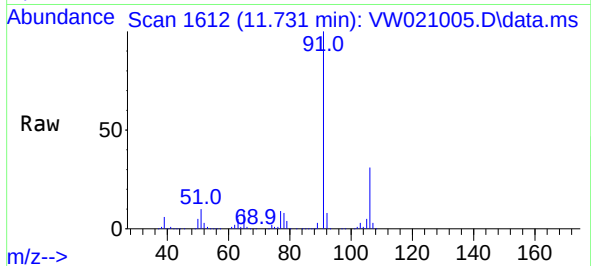
#52
Ethylbenzene
Concen: 3836.036 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

Instrument :
MSVOA_W
ClientSampleId :
BGKP6

Tgt Ion: 91 Resp: 176508
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9

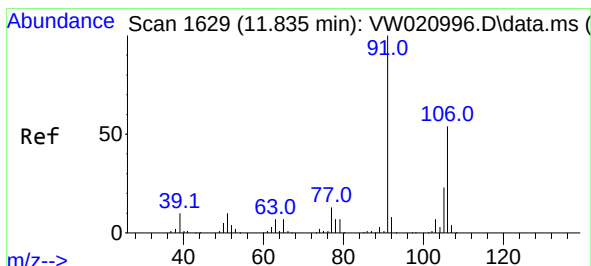
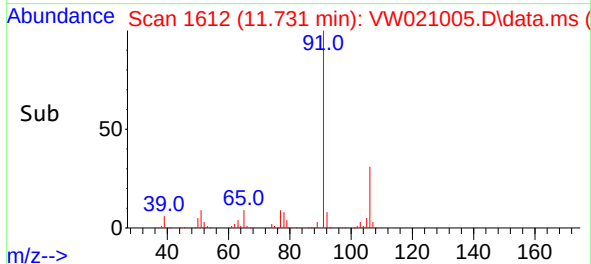
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Reviewed By :Semsettin
Yesilyurt



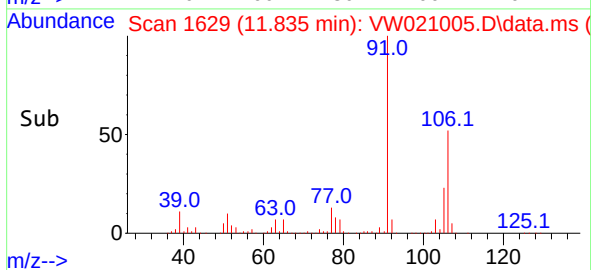
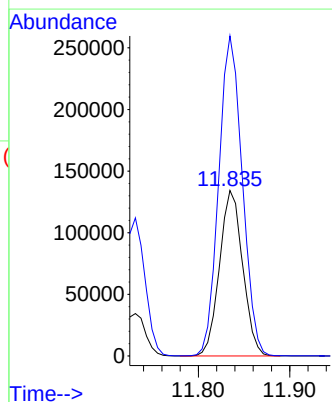
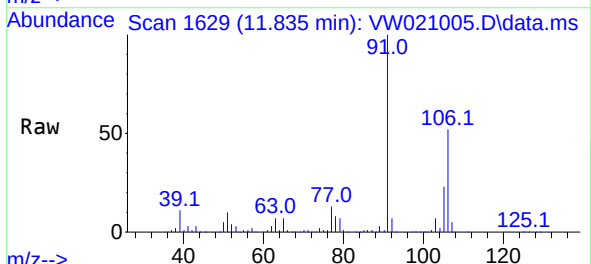
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Supervised By :Amit
Patel

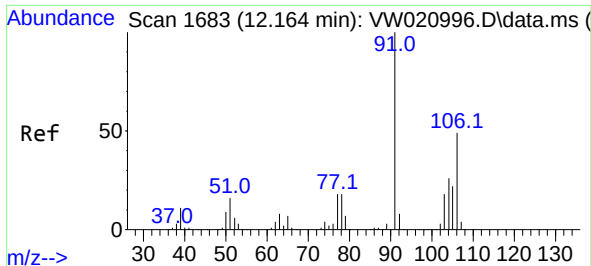
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#53
m,p-Xylene
Concen: 12601.148 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

Tgt Ion:106 Resp: 236718
Ion Ratio Lower Upper
106 100
91 193.4 149.9 278.3





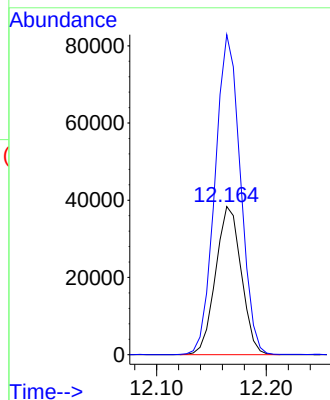
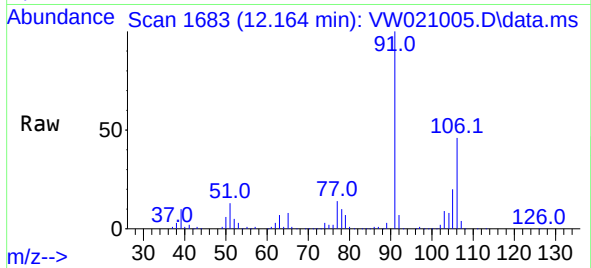
#54
o-Xylene
Concen: 3457.262 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

Instrument :
MSVOA_W
ClientSampleId :
BGKP6

Tgt Ion:106 Resp: 62374
Ion Ratio Lower Upper
106 100
91 216.0 153.6 285.3

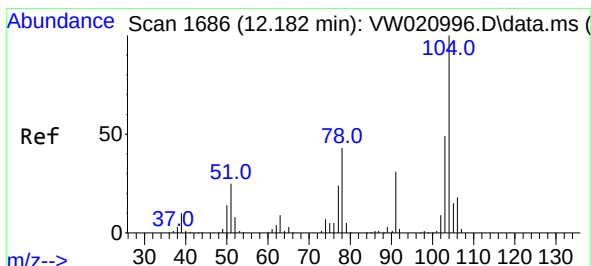
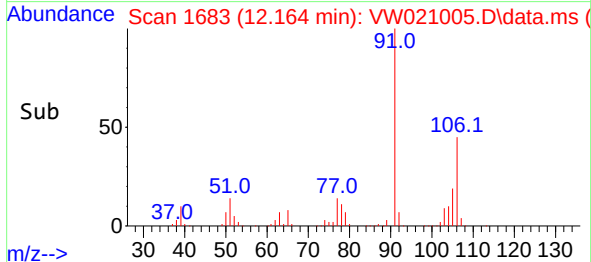
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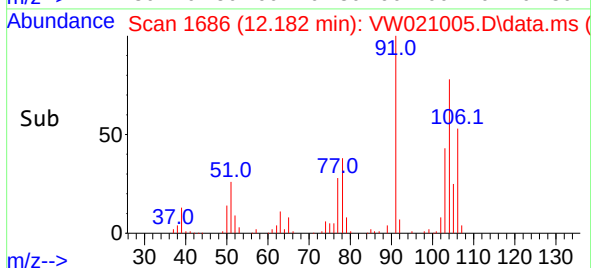
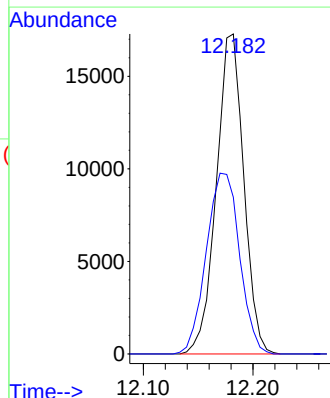
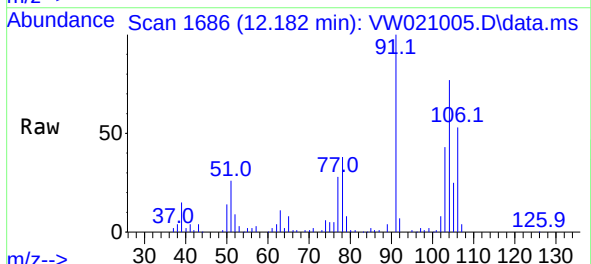
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Supervised By :Amit
Patel

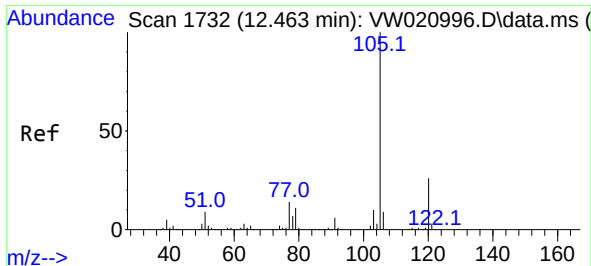
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#55
Styrene
Concen: 1003.096 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

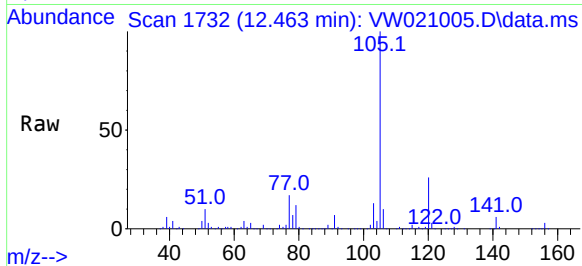
Tgt Ion:104 Resp: 30050
Ion Ratio Lower Upper
104 100
78 49.0 34.4 64.0





#60
Isopropylbenzene
Concen: 1977.045 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

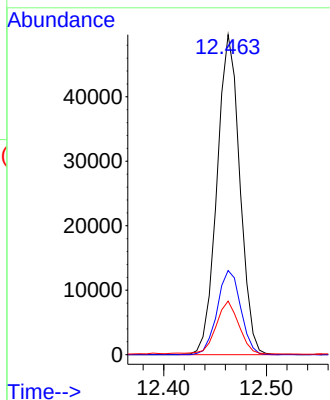
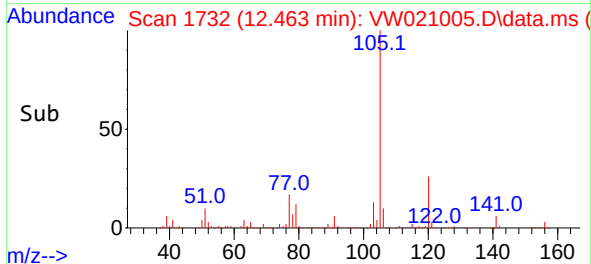
Instrument :
MSVOA_W
ClientSampleId :
BGKP6



Tgt Ion:105 Resp: 7647
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 17.1 13.8 20.8

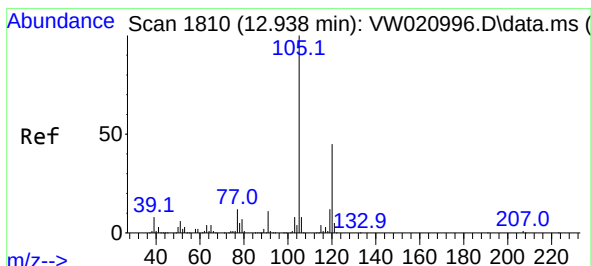
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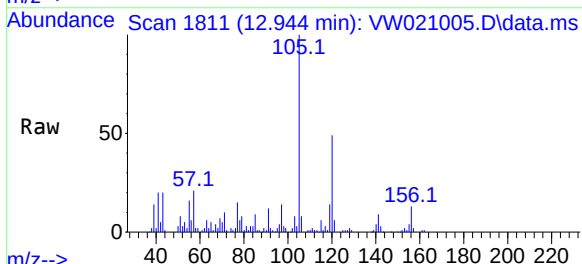


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Supervised By :Amit
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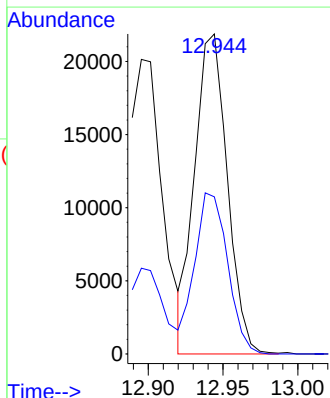
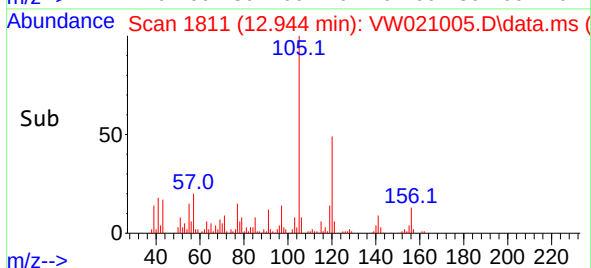
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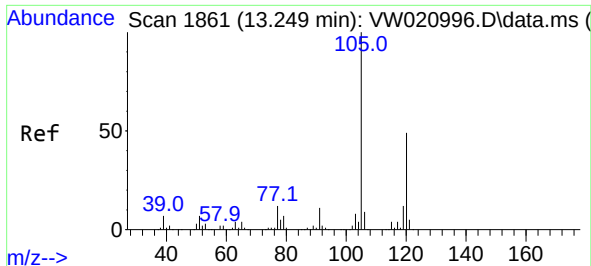


#62
1,3,5-Trimethylbenzene
Concen: 1018.016 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34



Tgt Ion:105 Resp: 33219
Ion Ratio Lower Upper
105 100
120 50.9 37.4 56.2





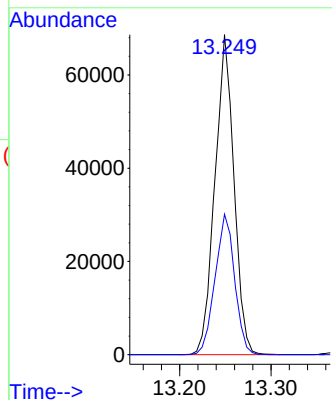
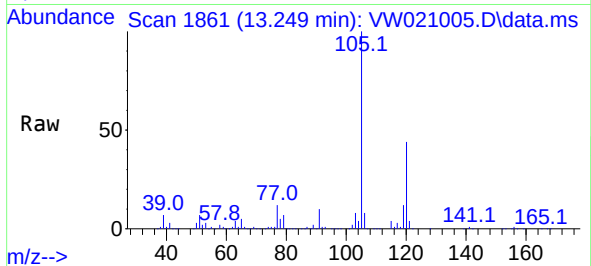
#63
1,2,4-Trimethylbenzene
Concen: 3086.501 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

Instrument :
MSVOA_W
ClientSampleId :
BGKP6

Tgt Ion:105 Resp: 99370
Ion Ratio Lower Upper
105 100
120 45.1 35.0 52.6

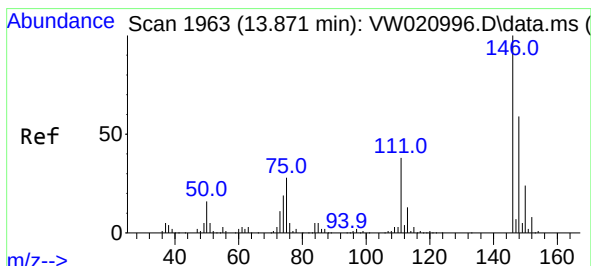
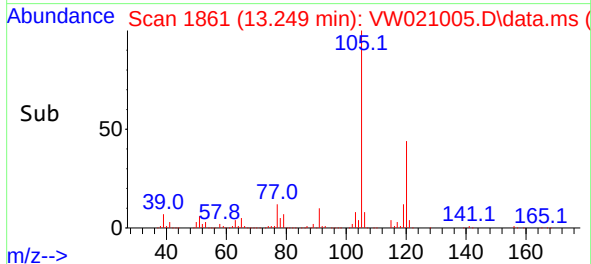
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Yesilyurt



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Supervised By :Amit
Patel

12/07/2021



#67
1,2-Dichlorobenzene
Concen: 407.676 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW021005.D
Acq: 01 Dec 2021 16:34

Tgt Ion:146 Resp: 6515
Ion Ratio Lower Upper
146 100
111 37.0 33.1 49.7
148 53.3 47.4 71.2

