Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW021006.D
Acq On : 01 Dec 2021 16:58
Operator : SY/VA
Sample : M4868-07
Misc : 6.36g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Manual Integrations APPROVED

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

Quant Time: Dec 02 01:59:12 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	1311	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	1170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	176	11.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 46.280%			
7) Chloroethane-d5	2.910	69	122	12.439	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 49.760%			
11) 1,1-Dichloroethene-d2	4.038	63	331m	11.250	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 45.000%			
21) 2-Butanone-d5	7.092	46	19m	5.006	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 10.020%#			
24) Chloroform-d	7.647	84	604m	18.285	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 73.120%			
26) 1,2-Dichloroethane-d4	8.311	65	388m	23.141	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.560%			
32) Benzene-d6	8.275	84	1010	16.379	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 65.520%			
36) 1,2-Dichloropropane-d6	9.275	67	275	15.661	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 62.640%#			
41) Toluene-d8	10.317	98	891	14.558	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 58.240%			
43) trans-1,3-Dichloroprop...	10.585	79	110	13.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 53.000%			
47) 2-Hexanone-d5	10.921	63	20m	6.867	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 13.740%#			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	318	23.640	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	430	18.447	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 73.800%#			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.171	96	1190m	62.369	ug/L	
34) Trichloroethene	9.098	95	858	46.305	ug/L	89
42) Toluene	10.390	91	5306	71.209	ug/L	98
46) Tetrachloroethene	10.854	164	372	21.866	ug/L #	67
51) Chlorobenzene	11.652	112	246	4.964	ug/L #	92
52) Ethylbenzene	11.731	91	5785	70.063	ug/L	94
53) m,p-Xylene	11.835	106	8004	237.437	ug/L	88
54) o-Xylene	12.164	106	2358	72.834	ug/L	86
55) Styrene	12.183	104	1346	25.038	ug/L	99
60) Isopropylbenzene	12.463	105	2811	31.557	ug/L	93
62) 1,3,5-Trimethylbenzene	12.939	105	1691	22.504	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	5899	79.566	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	555	15.081	ug/L	89

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

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Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
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Instrument :
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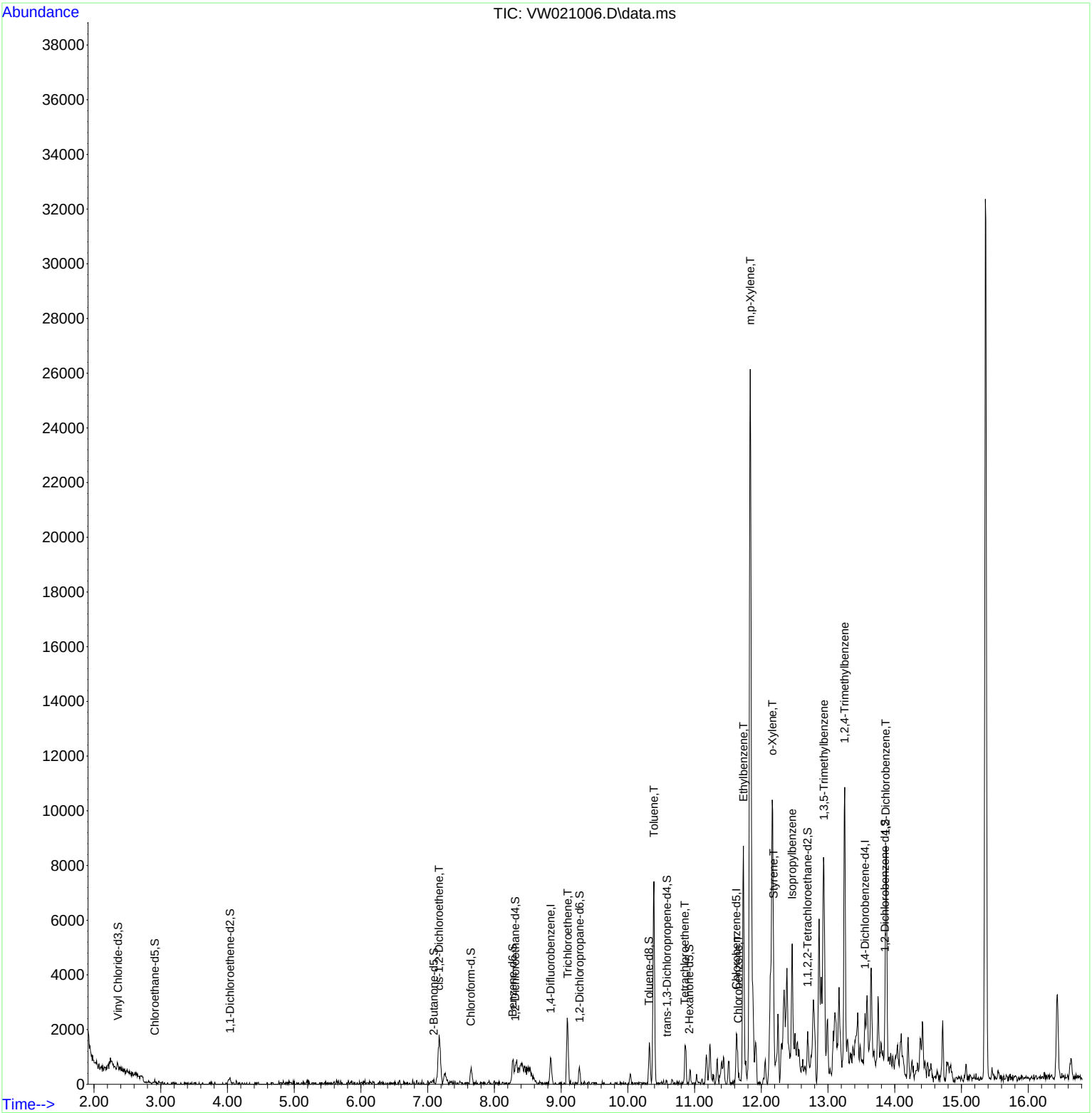
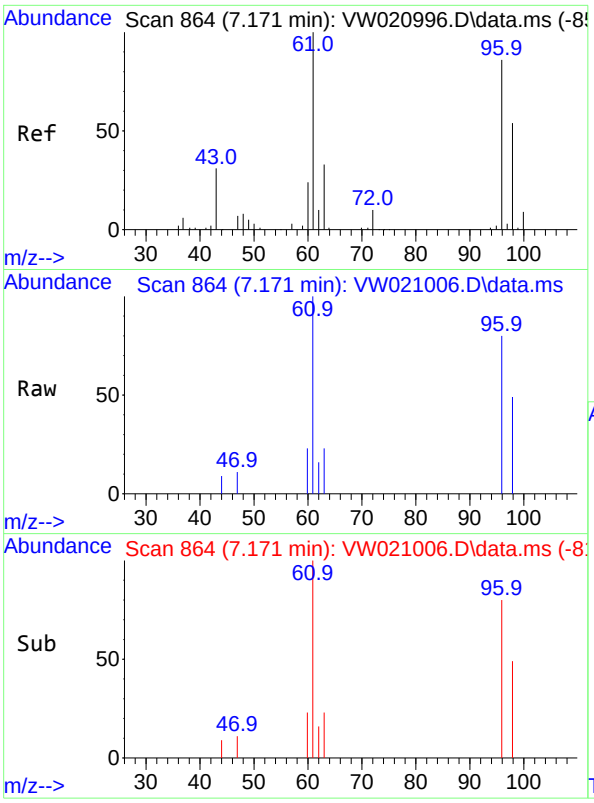
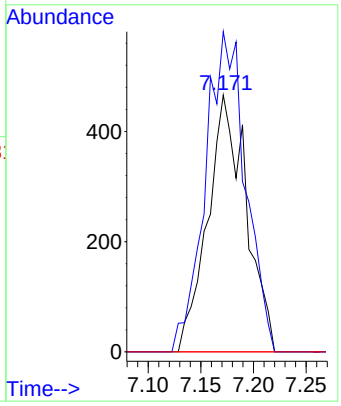




#20
cis-1,2-Dichloroethene
Concen: 62.369 ug/L m
RT: 7.171 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion: 96 Resp: 119

Ion	Ratio	Lower	Upper
96	100		
61	124.7	103.7	192.7
68	0.0	0.0	0.0



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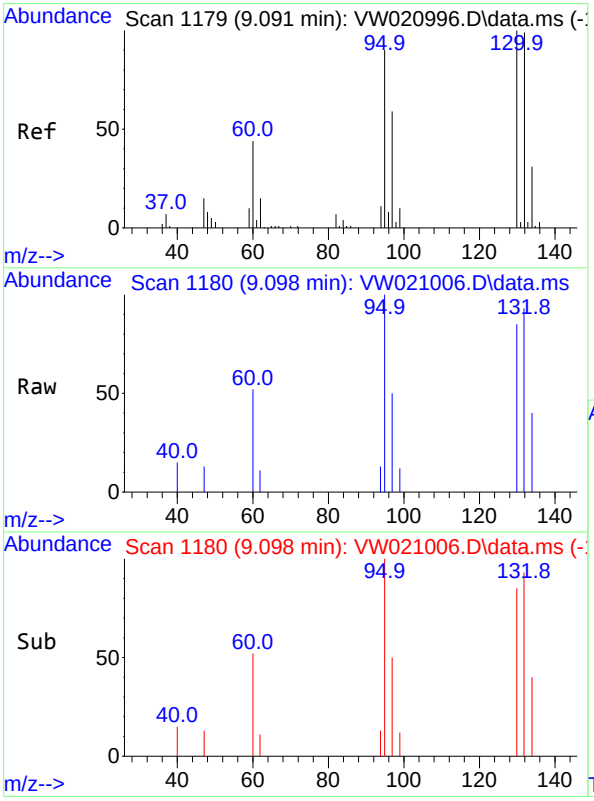
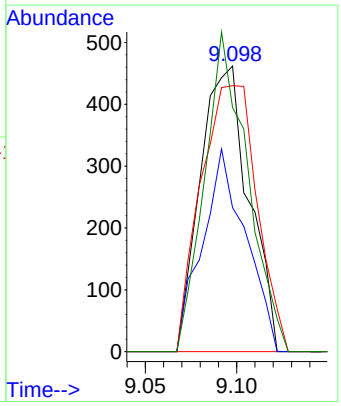
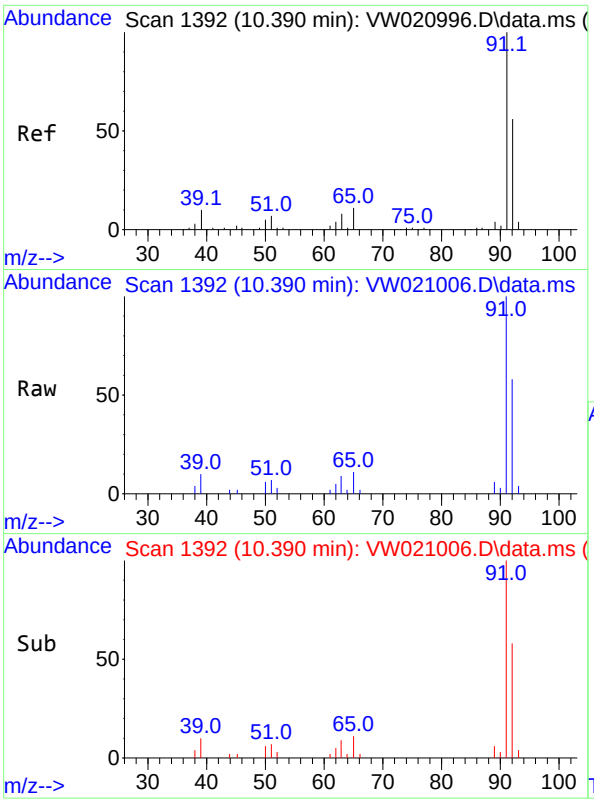


#34
Trichloroethene
Concen: 46.305 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion: 95 Resp: 858

Ion	Ratio	Lower	Upper
95	100		
97	50.4	47.0	87.2
132	93.1	65.5	121.6
130	85.5	69.4	128.8





#42
Toluene
Concen: 71.209 ug/L
RT: 10.390 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion: 91 Resp: 530

Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.7	77.5

Instrument :
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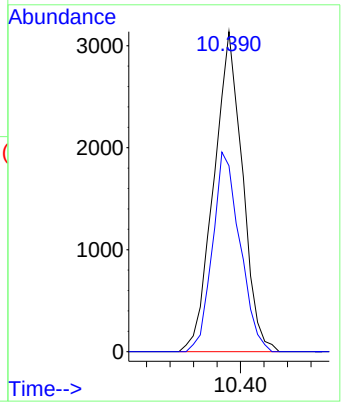
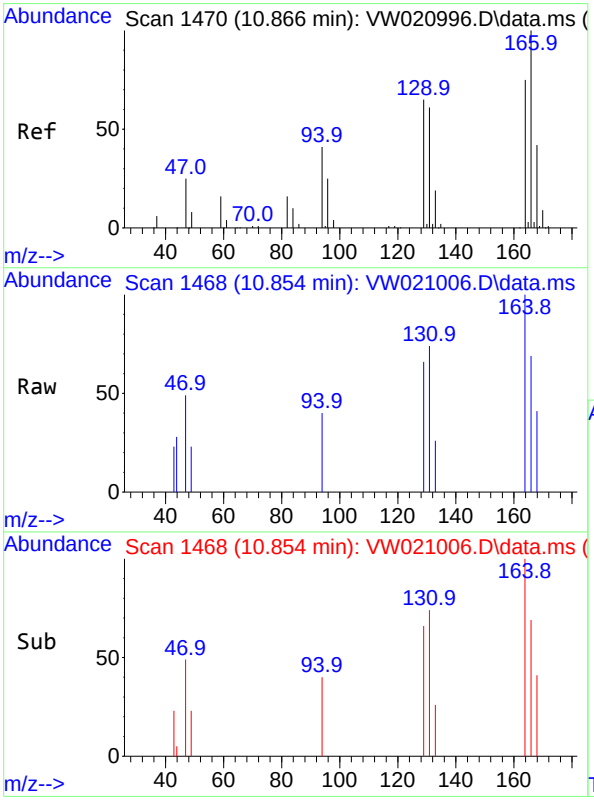
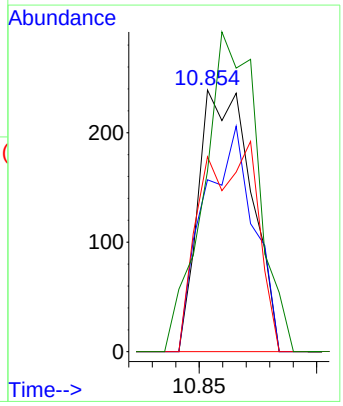


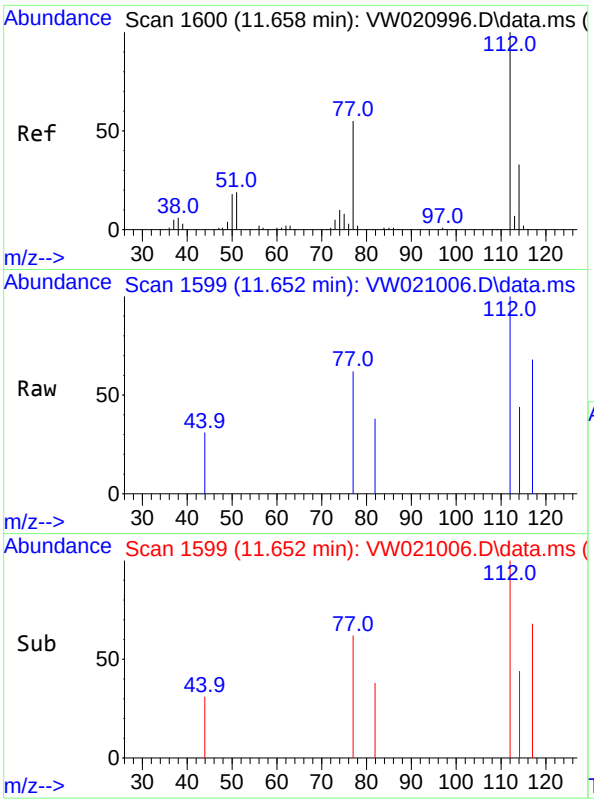


#46
Tetrachloroethene
Concen: 21.866 ug/L
RT: 10.854 min Scan# 1468
Delta R.T. -0.012 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:164 Resp: 372

Ion	Ratio	Lower	Upper
164	100		
129	65.7	65.5	121.7
131	74.5	59.7	110.9
166	69.0	88.7	164.7#

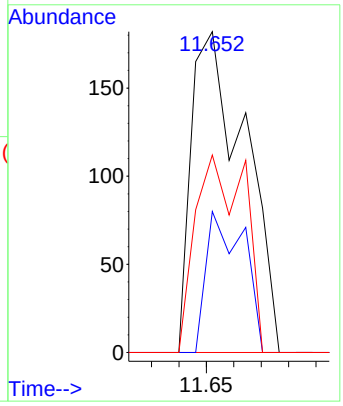




#51
Chlorobenzene
Concen: 4.964 ug/L
RT: 11.652 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:112 Resp: 24

Ion	Ratio	Lower	Upper
112	100		
114	44.0	22.4	41.6
77	61.5	50.2	75.4



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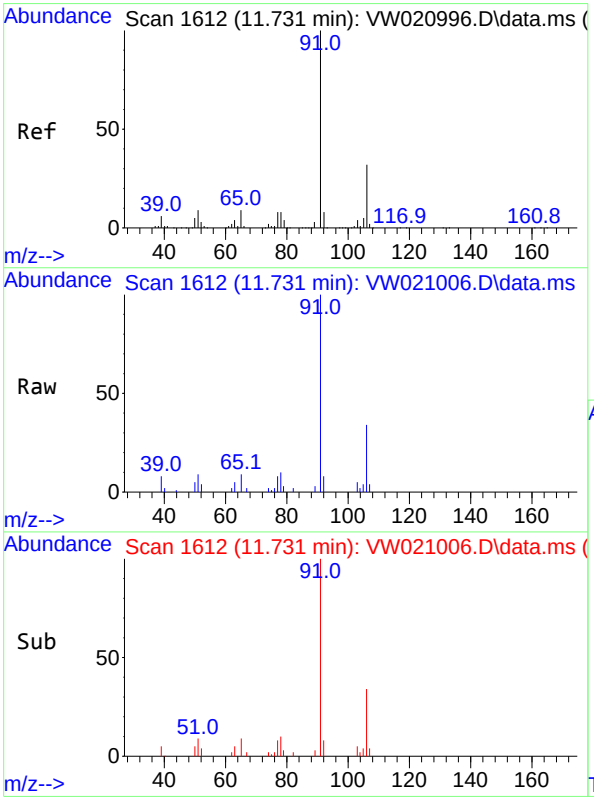
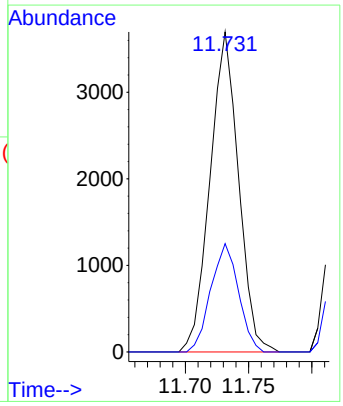
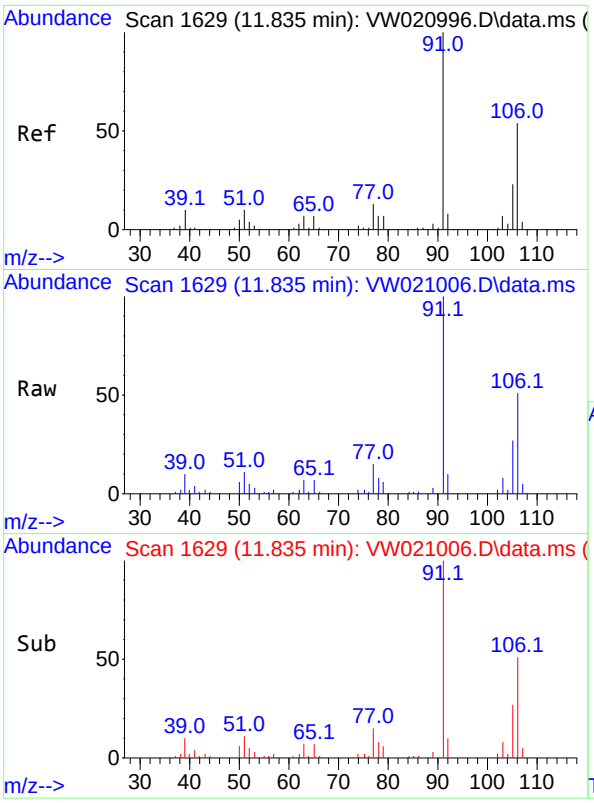


#52
Ethylbenzene
Concen: 70.063 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion: 91 Resp: 5785

Ion	Ratio	Lower	Upper
91	100		
106	33.8	21.5	39.9





#53
m,p-Xylene
Concen: 237.437 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:106 Resp: 800

Ion	Ratio	Lower	Upper
106	100		
91	194.7	149.9	278.3

Instrument :
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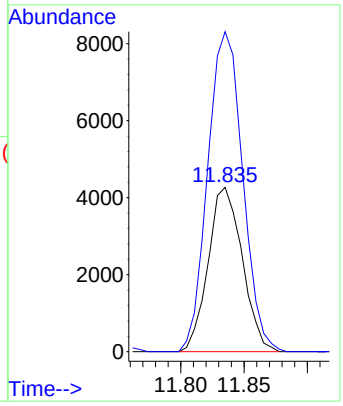
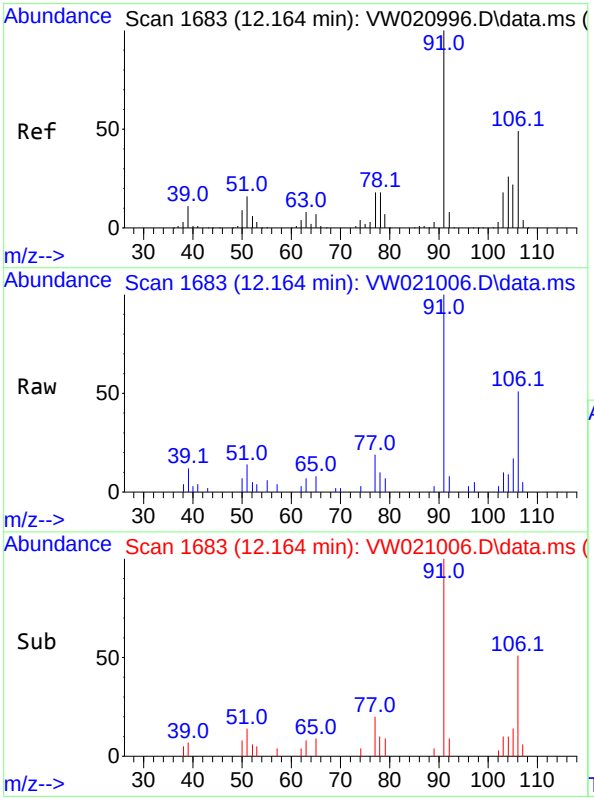
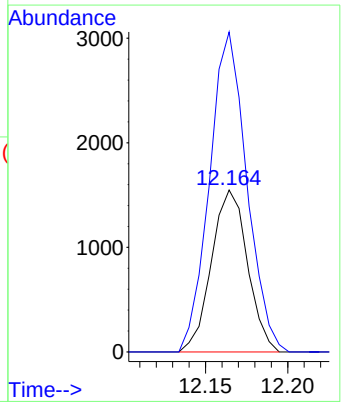


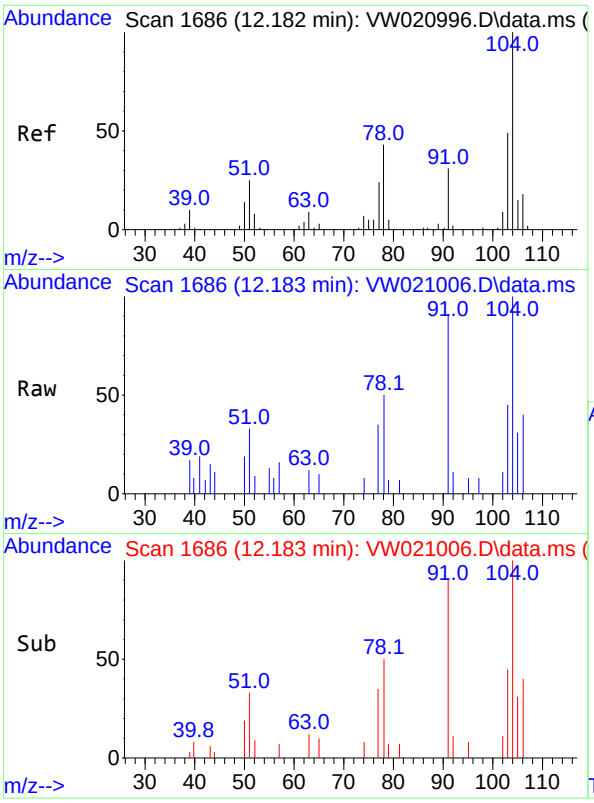


#54
o-Xylene
Concen: 72.834 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:106 Resp: 2358

Ion	Ratio	Lower	Upper
106	100		
91	197.7	153.6	285.3





#55
Styrene
Concen: 25.038 ug/L
RT: 12.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:104 Resp: 134

Ion	Ratio	Lower	Upper
104	100		
78	50.1	34.4	64.0

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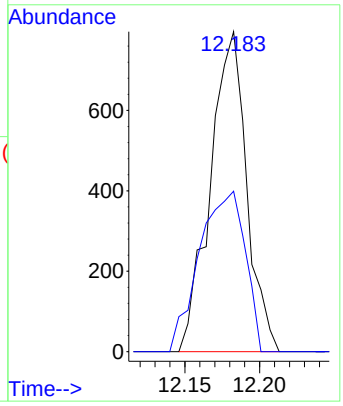
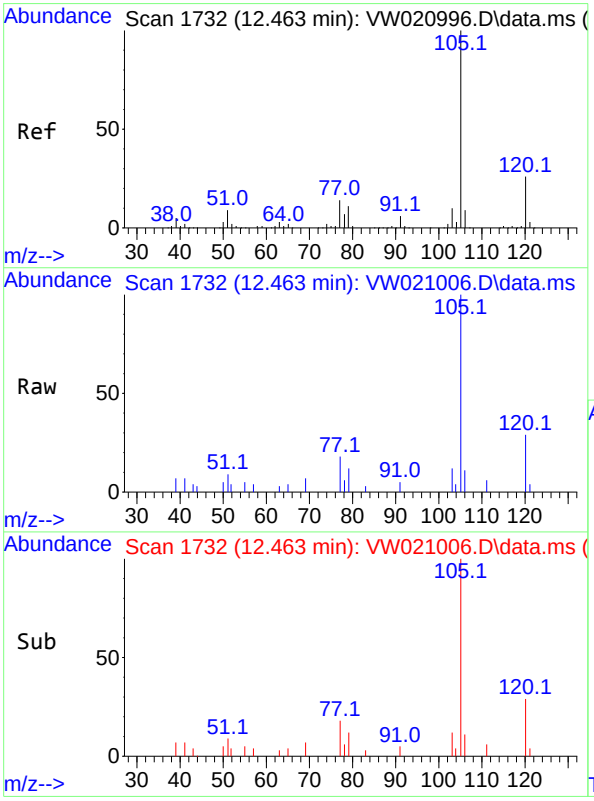
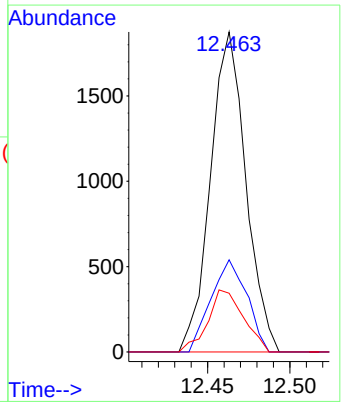


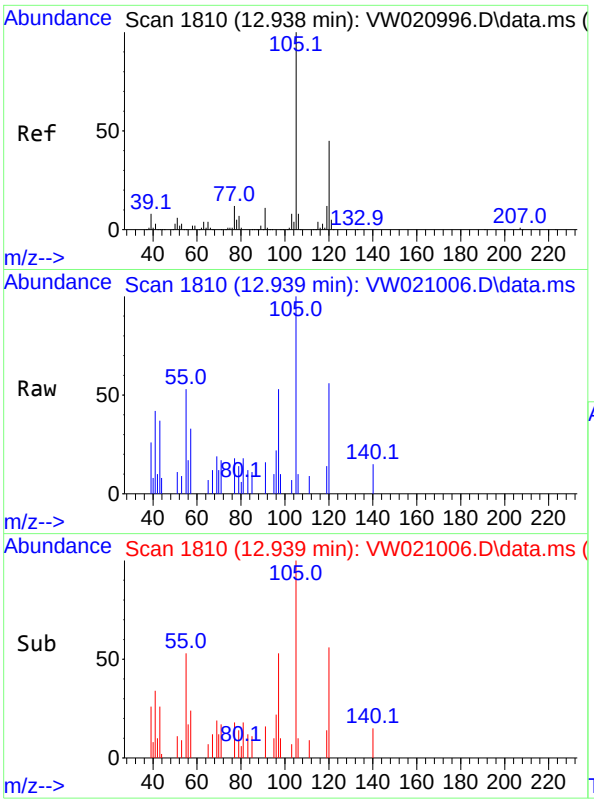


#60
Isopropylbenzene
Concen: 31.557 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:105 Resp: 2811

Ion	Ratio	Lower	Upper
105	100		
120	29.2	20.1	30.1
77	19.6	13.8	20.8





#62
1,3,5-Trimethylbenzene
Concen: 22.504 ug/L
RT: 12.939 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:105 Resp: 169

Ion	Ratio	Lower	Upper
105	100		
120	53.8	37.4	56.2

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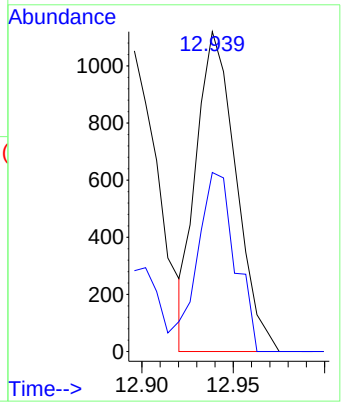
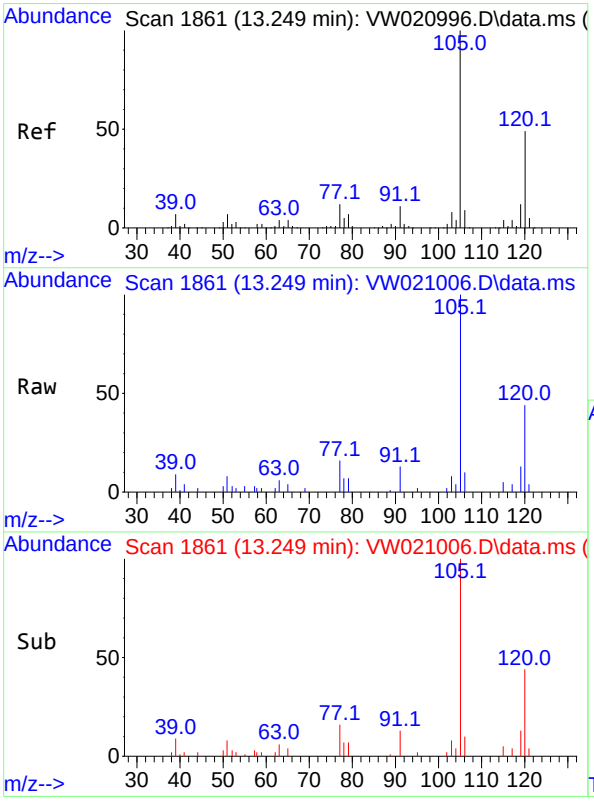
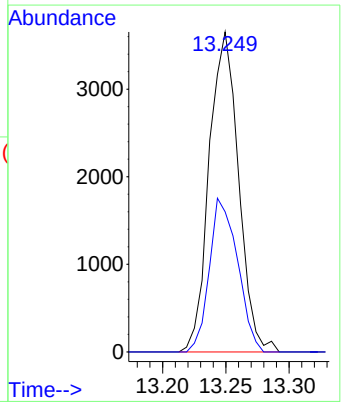


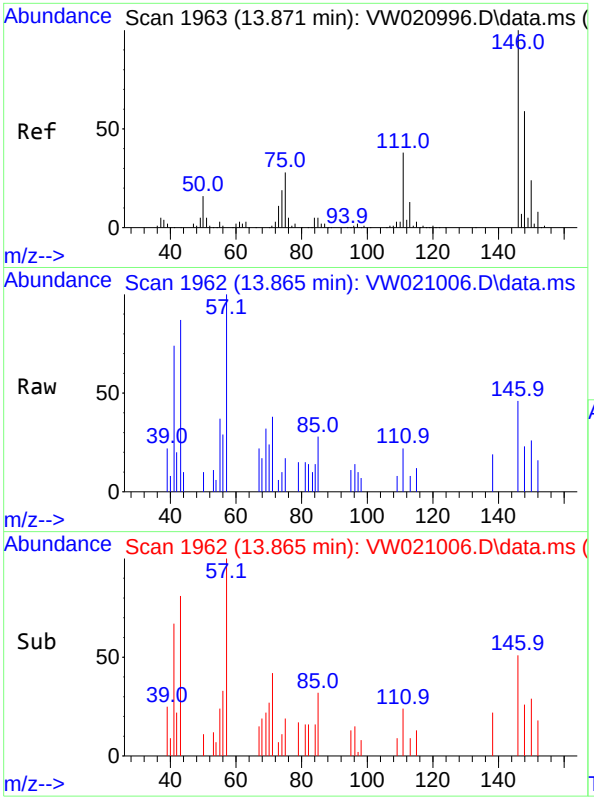


#63
1,2,4-Trimethylbenzene
Concen: 79.566 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:105 Resp: 5899

Ion	Ratio	Lower	Upper
105	100		
120	46.0	35.0	52.6

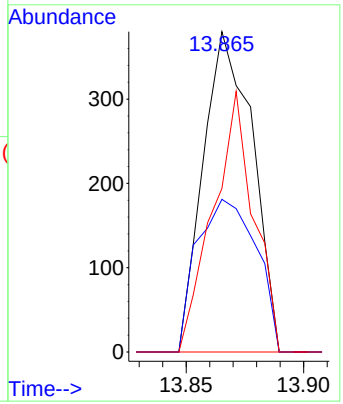




#67
1,2-Dichlorobenzene
Concen: 15.081 ug/L
RT: 13.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021006.D
Acq: 01 Dec 2021 16:58

Tgt Ion:146 Resp: 55

Ion	Ratio	Lower	Upper
146	100		
111	47.6	33.1	49.7
148	51.1	47.4	71.2



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