

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021165.D
 Acq On : 06 Dec 2021 13:33
 Operator : SY/VA
 Sample : M4885-22RE
 Misc : 3.28g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M7RE

Quant Time: Dec 07 01:50:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

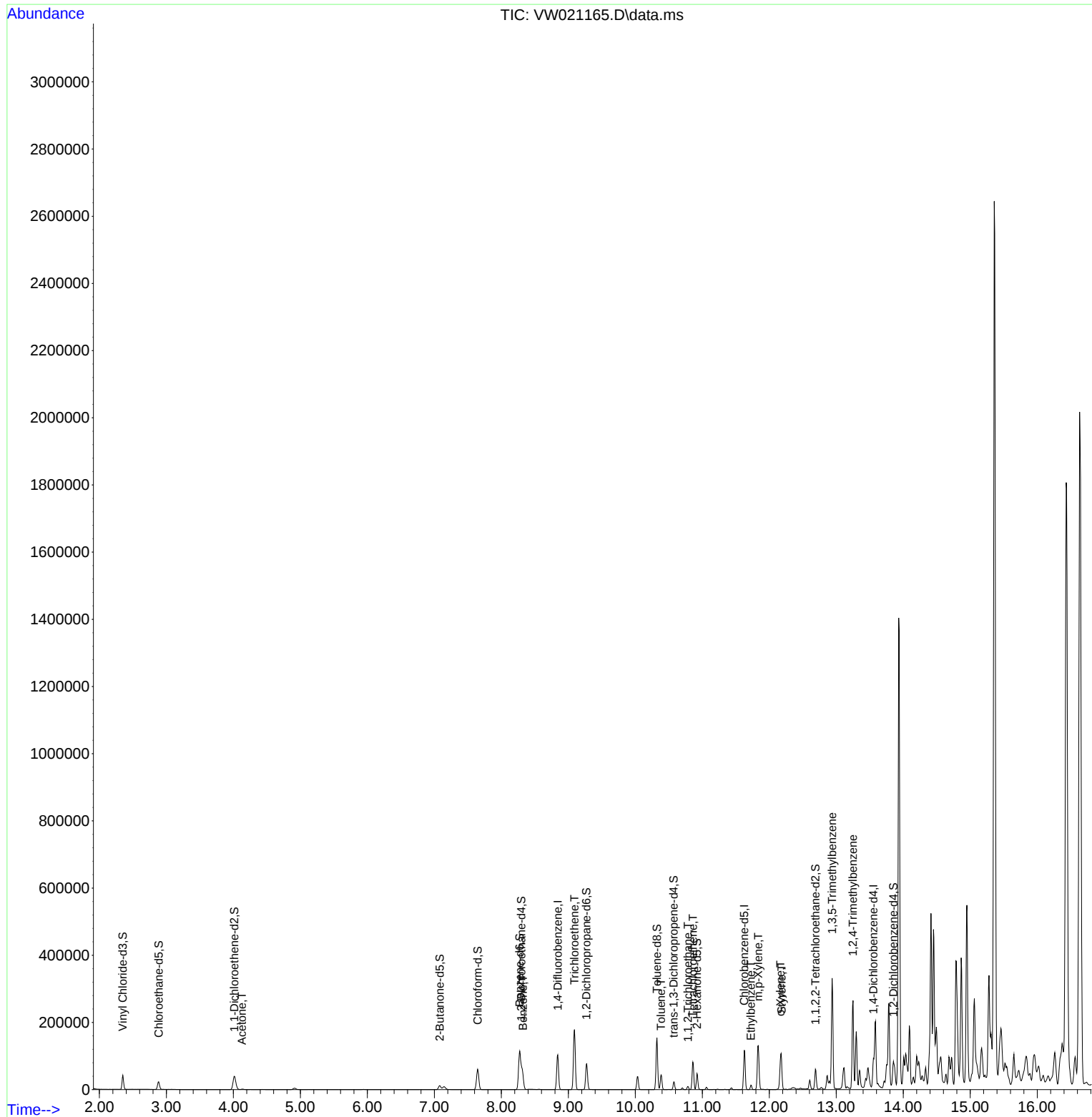
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	90734	25.000	ug/L	# 0.00
28) Chlorobenzene-d5		11.628	117	65061	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	21760	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	39950	31.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.400%		
7) Chloroethane-d5		2.885	69	27134	32.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 128.240%		
11) 1,1-Dichloroethene-d2		4.013	63	37920	18.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.120%		
21) 2-Butanone-d5		7.080	46	19849	68.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 137.680%#		
24) Chloroform-d		7.647	84	59274	26.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.360%		
26) 1,2-Dichloroethane-d4		8.299	65	35168	28.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 113.160%		
32) Benzene-d6		8.275	84	115980	34.864	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 139.440%#		
36) 1,2-Dichloropropane-d6		9.268	67	32598	35.262	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 141.040%#		
41) Toluene-d8		10.323	98	99603	29.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 116.800%		
43) trans-1,3-Dichloroprop...		10.573	79	12093	28.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 115.240%		
47) 2-Hexanone-d5		10.921	63	15788	89.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 178.520%#		
56) 1,1,2,2-Tetrachloroeth...		12.689	84	25713	30.065	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 120.240%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	17755	22.773	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.080%		
Target Compounds							
						Qvalue	
13) Acetone		4.129	43	3138	11.947	ug/L	71
33) Benzene		8.323	78	26610	7.192	ug/L	100
34) Trichloroethene		9.092	95	58918	57.723	ug/L	91
42) Toluene		10.384	91	32000	7.572	ug/L	97
45) 1,1,2-Trichloroethane		10.786	97	2945	4.201	ug/L	96
46) Tetrachloroethene		10.860	164	18701	20.008	ug/L	96
52) Ethylbenzene		11.725	91	9336	1.962	ug/L	97
53) m,p-Xylene		11.835	106	41075	20.871	ug/L	86
54) o-Xylene		12.164	106	13193	7.110	ug/L	89
55) Styrene		12.183	104	43716	13.828	ug/L	87
62) 1,3,5-Trimethylbenzene		12.939	105	166789	65.859	ug/L	96
63) 1,2,4-Trimethylbenzene		13.249	105	141722	55.641	ug/L	97

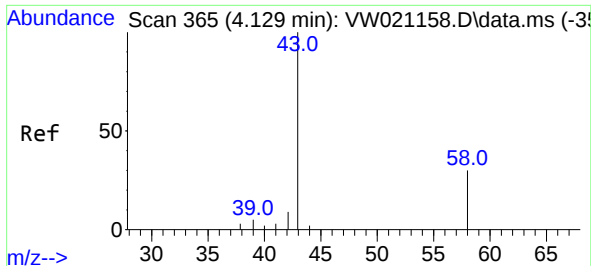
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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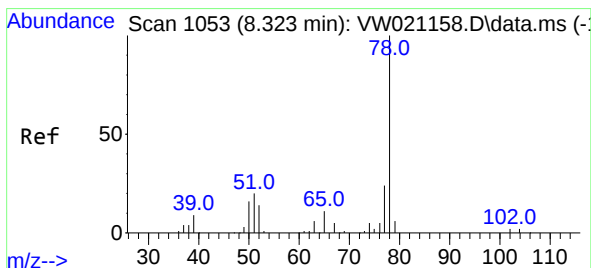
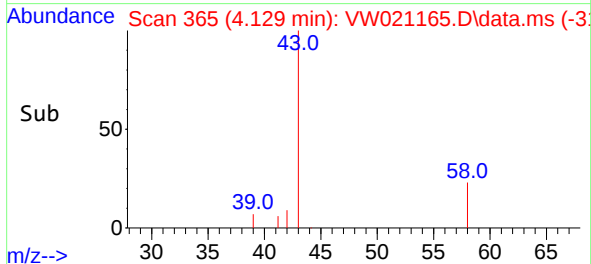
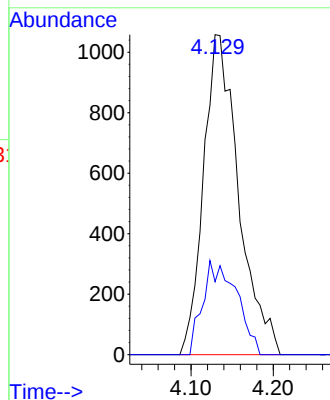
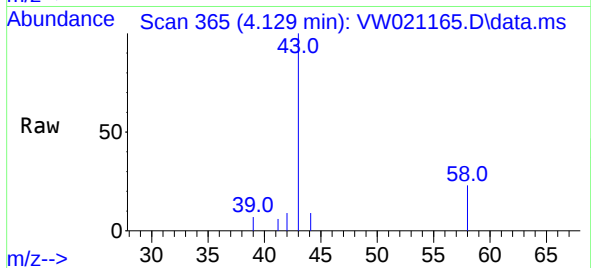




#13
Acetone
Concen: 11.947 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW021165.D
Acq: 06 Dec 2021 13:33

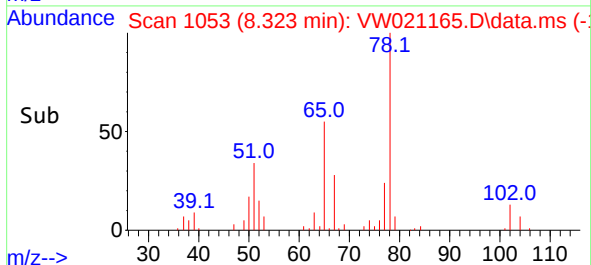
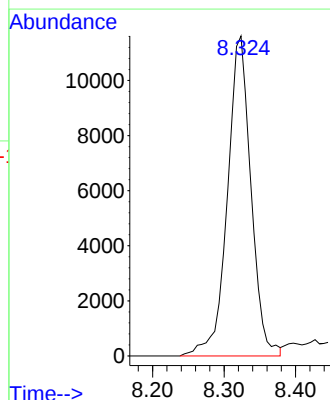
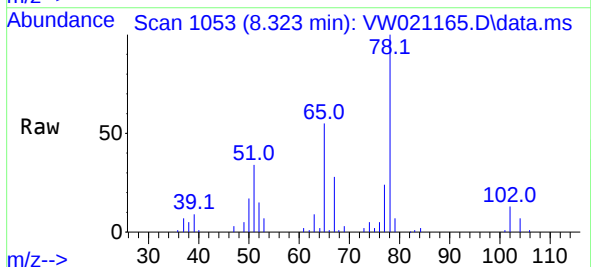
Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

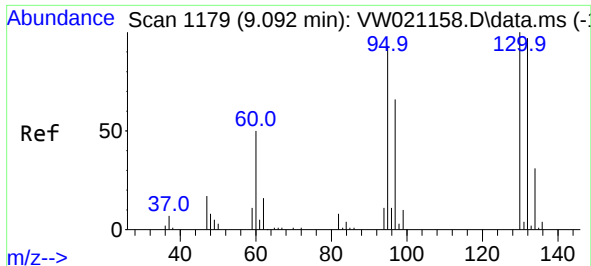
Tgt Ion: 43 Resp: 3138
Ion Ratio Lower Upper
43 100
58 11.6 0.0 52.8



#33
Benzene
Concen: 7.192 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021165.D
Acq: 06 Dec 2021 13:33

Tgt Ion: 78 Resp: 26610

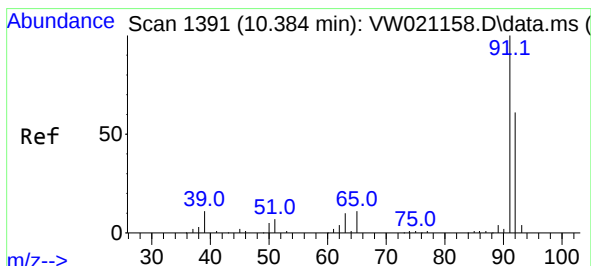
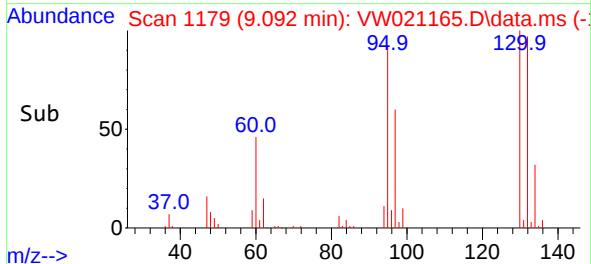
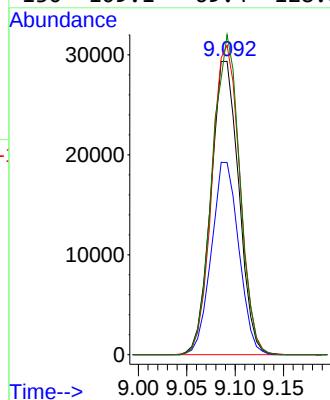
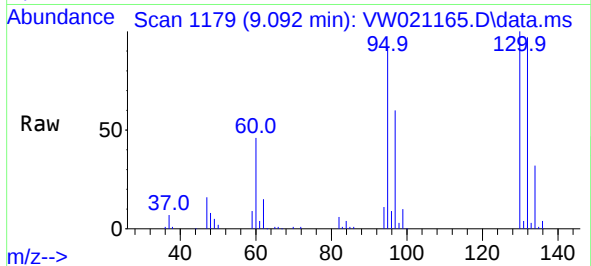




#34
Trichloroethene
Concen: 57.723 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021165.D
Acq: 06 Dec 2021 13:33

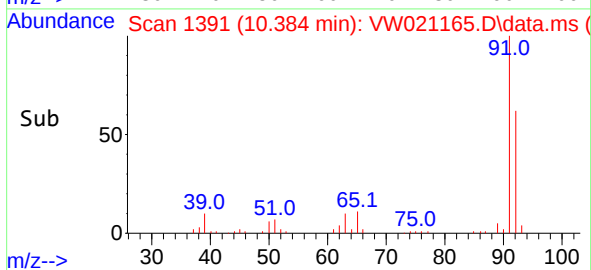
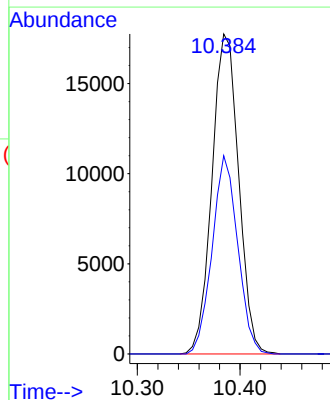
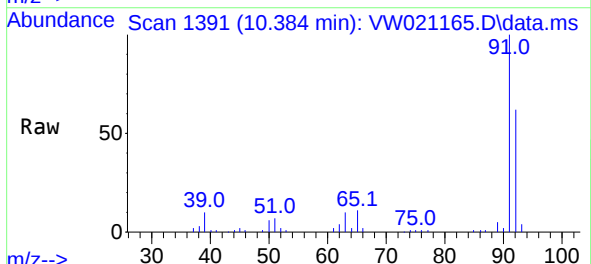
Instrument :
MSVOA_W
ClientSampleId :
EW9M7RE

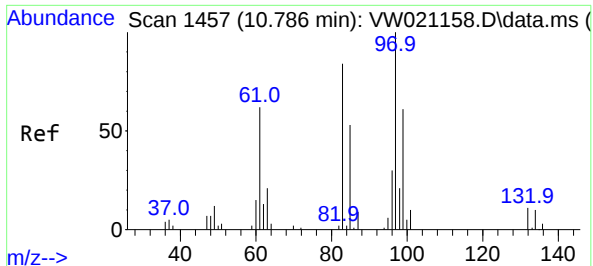
Tgt Ion: 95 Resp: 58918
Ion Ratio Lower Upper
95 100
97 65.5 47.0 87.2
132 105.5 65.5 121.6
130 109.1 69.4 128.8



#42
Toluene
Concen: 7.572 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021165.D
Acq: 06 Dec 2021 13:33

Tgt Ion: 91 Resp: 32000
Ion Ratio Lower Upper
91 100
92 62.0 41.7 77.5





#45

1,1,2-Trichloroethane

Concen: 4.201 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021165.D

Acq: 06 Dec 2021 13:33

Instrument :

MSVOA_W

ClientSampleId :

EW9M7RE

Tgt Ion: 97 Resp: 2945

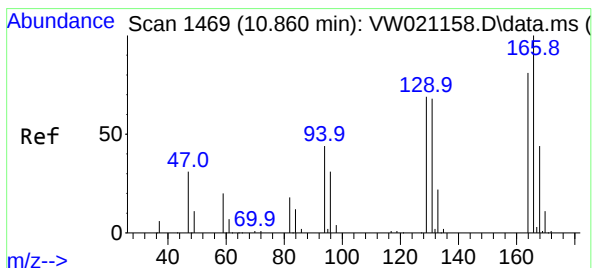
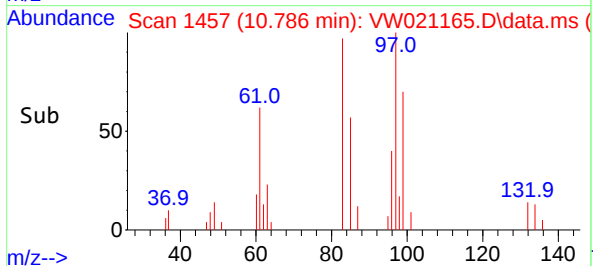
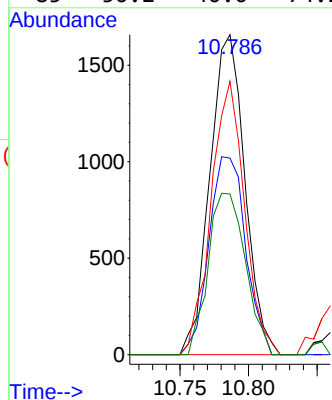
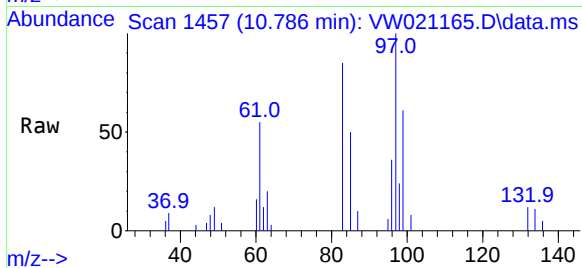
Ion Ratio Lower Upper

97 100

99 61.5 43.0 79.8

83 85.4 62.6 116.3

85 50.2 40.0 74.2



#46

Tetrachloroethene

Concen: 20.008 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021165.D

Acq: 06 Dec 2021 13:33

Tgt Ion:164 Resp: 18701

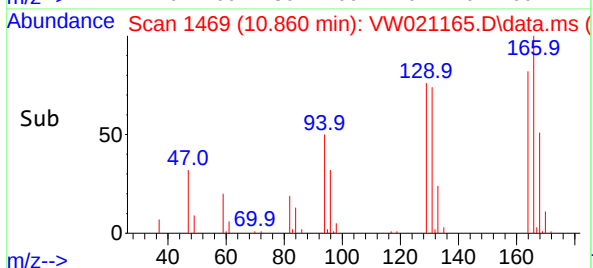
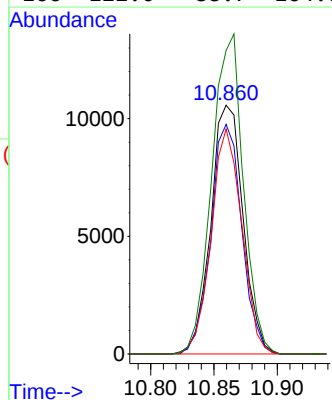
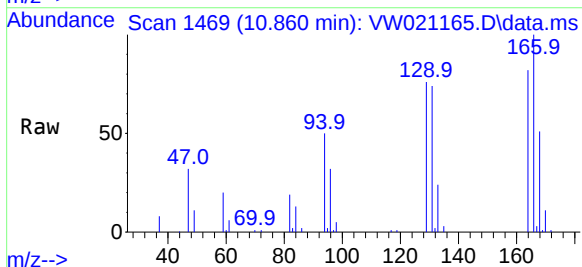
Ion Ratio Lower Upper

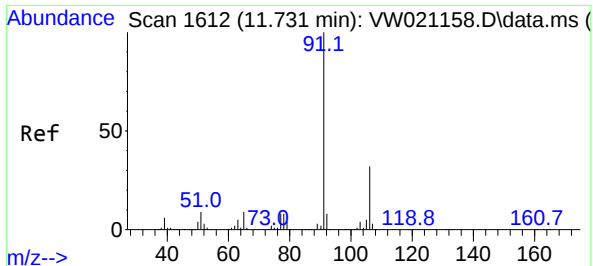
164 100

129 92.2 65.5 121.7

131 90.4 59.7 110.9

166 122.0 88.7 164.7





#52

Ethylbenzene

Concen: 1.962 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021165.D

Acq: 06 Dec 2021 13:33

Instrument :

MSVOA_W

ClientSampleId :

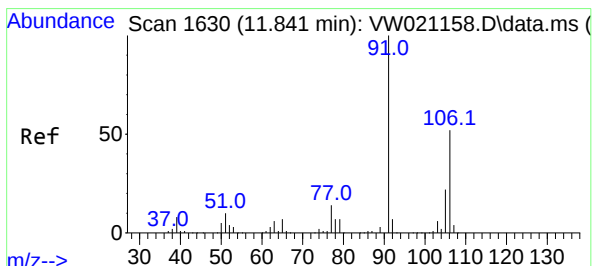
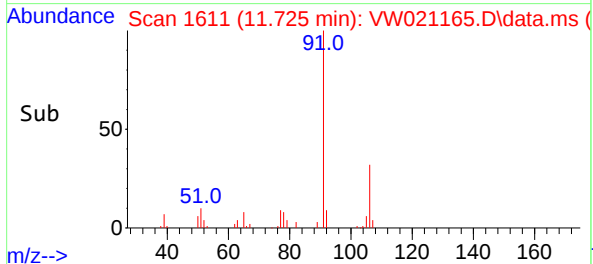
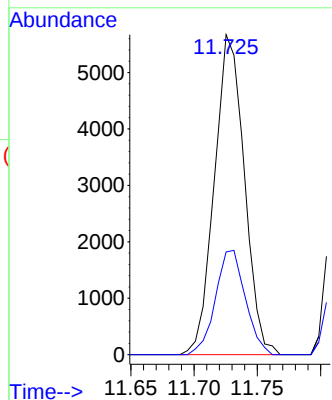
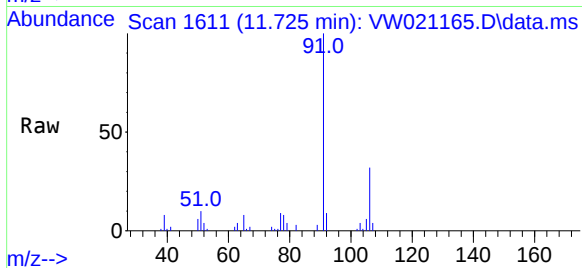
EW9M7RE

Tgt Ion: 91 Resp: 9336

Ion Ratio Lower Upper

91 100

106 32.1 21.5 39.9



#53

m,p-Xylene

Concen: 20.871 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021165.D

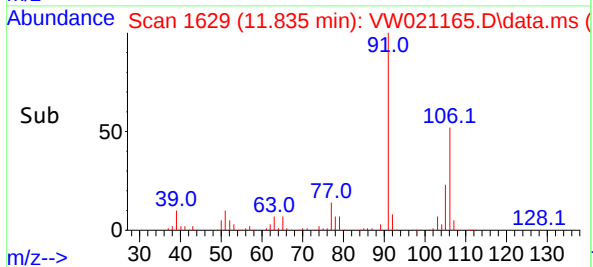
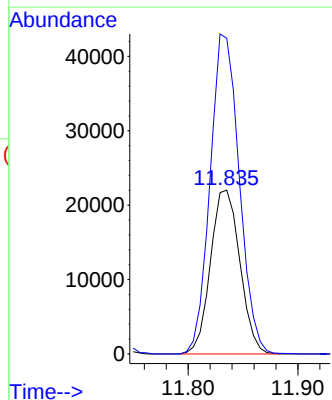
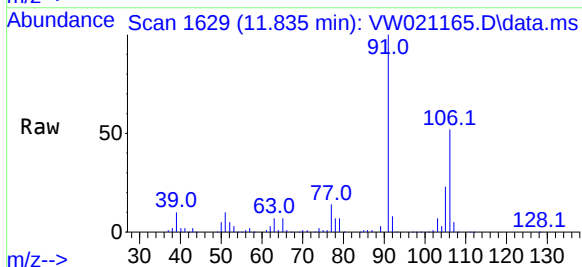
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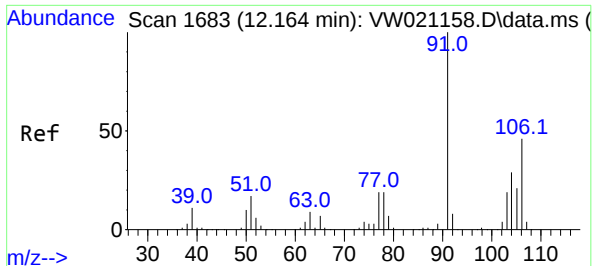
Tgt Ion:106 Resp: 41075

Ion Ratio Lower Upper

106 100

91 192.7 149.9 278.3

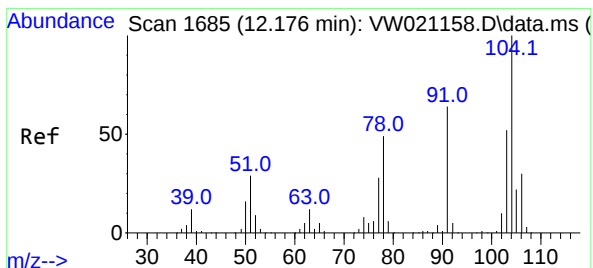
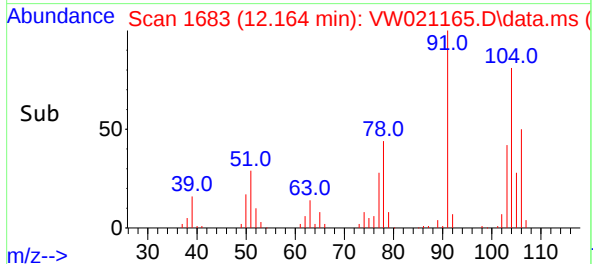
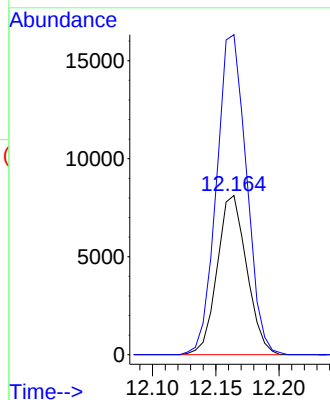
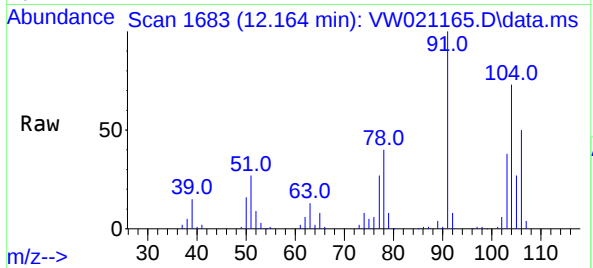




#54
o-Xylene
Concen: 7.110 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021165.D
Acq: 06 Dec 2021 13:33

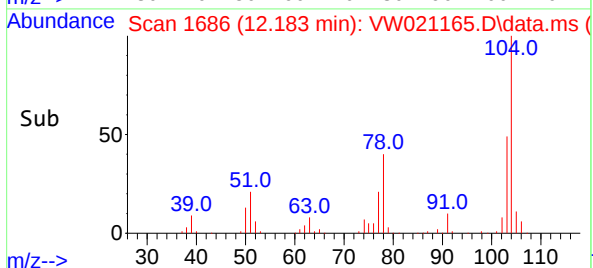
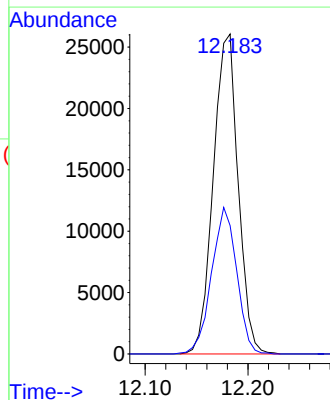
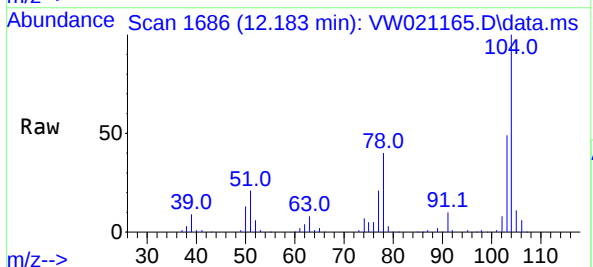
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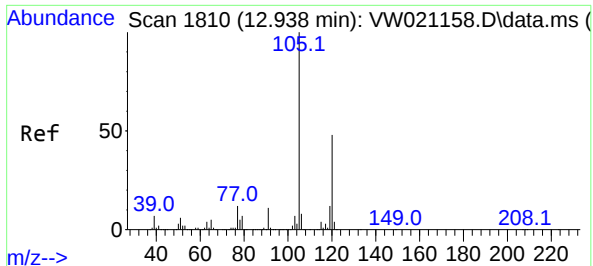
Tgt Ion:106 Resp: 13193
Ion Ratio Lower Upper
106 100
91 201.0 153.6 285.3



#55
Styrene
Concen: 13.828 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021165.D
Acq: 06 Dec 2021 13:33

Tgt Ion:104 Resp: 43716
Ion Ratio Lower Upper
104 100
78 40.1 34.4 64.0





#62

1,3,5-Trimethylbenzene

Concen: 65.859 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021165.D

Acq: 06 Dec 2021 13:33

Instrument :

MSVOA_W

ClientSampleId :

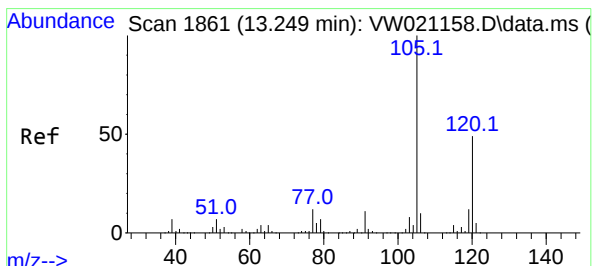
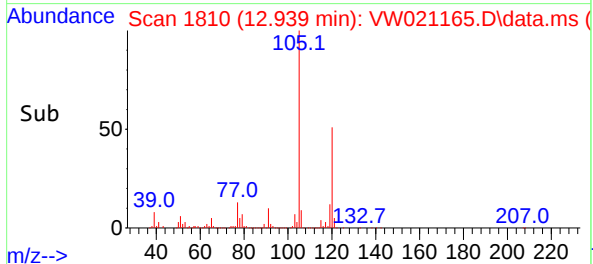
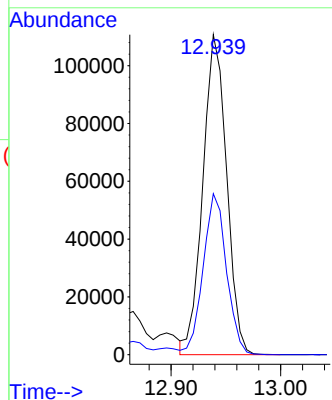
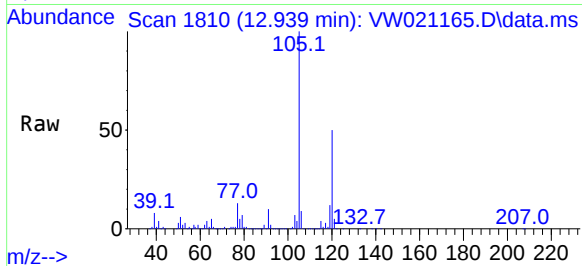
EW9M7RE

Tgt Ion:105 Resp: 166789

Ion Ratio Lower Upper

105 100

120 49.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 55.641 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021165.D

Acq: 06 Dec 2021 13:33

Tgt Ion:105 Resp: 141722

Ion Ratio Lower Upper

105 100

120 45.5 35.0 52.6

