

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021141.D
 Acq On : 05 Dec 2021 01:50
 Operator : SY/VA
 Sample : M4883-17RE
 Misc : 2.92g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9H3RE

Quant Time: Dec 06 04:29:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

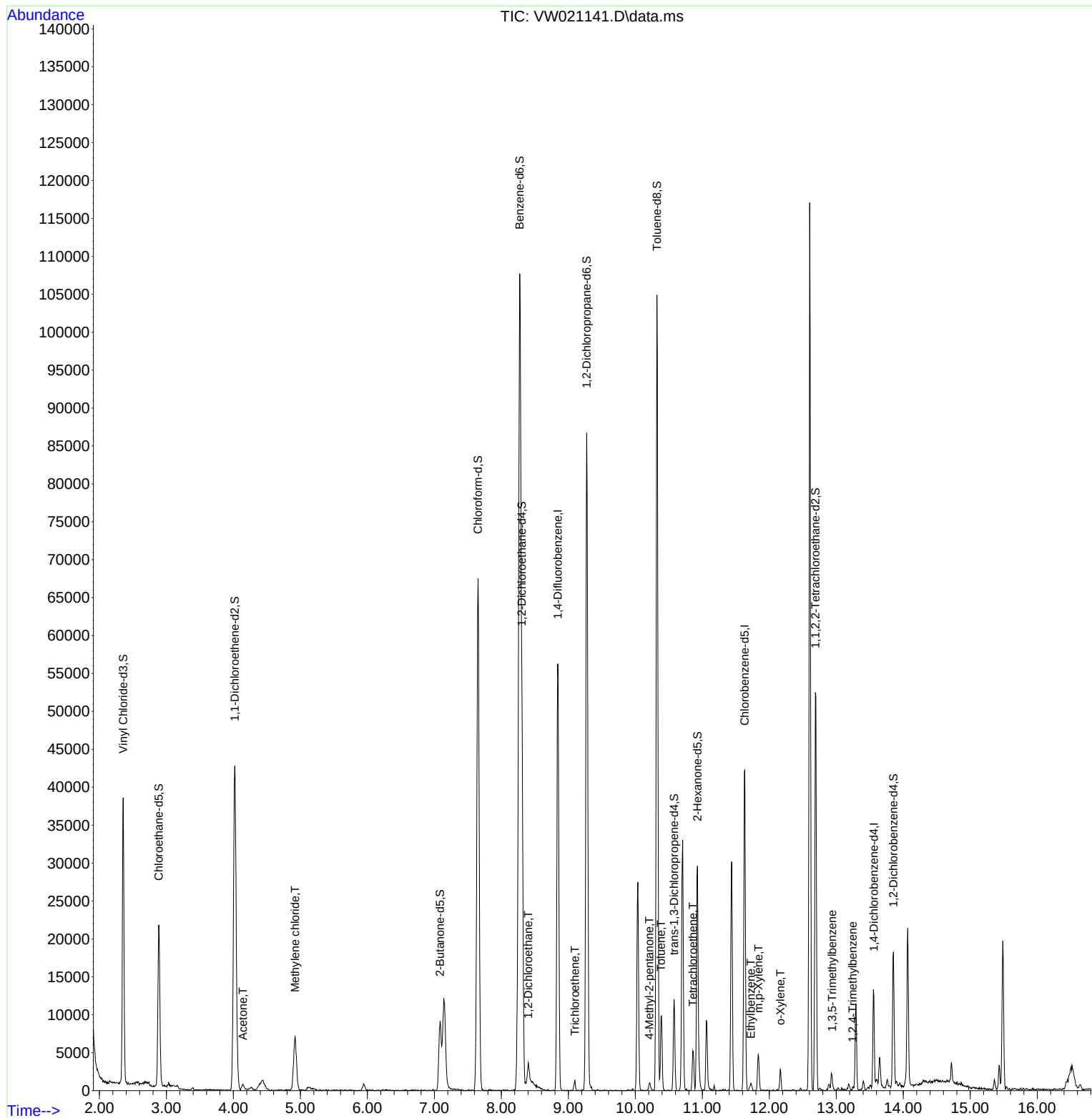
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	48716	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	24173	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	3515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	35701	52.599	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 210.400%#		
7) Chloroethane-d5	2.885	69	24211	53.285	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 213.160%#		
11) 1,1-Dichloroethene-d2	4.019	63	39559	36.483	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 145.920%#		
21) 2-Butanone-d5	7.086	46	15425	99.633	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 199.260%#		
24) Chloroform-d	7.653	84	65368	53.579	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 214.320%#		
26) 1,2-Dichloroethane-d4	8.305	65	32860	49.232	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 196.920%#		
32) Benzene-d6	8.275	84	96311	77.922	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 311.680%#		
36) 1,2-Dichloropropane-d6	9.275	67	35873	104.440	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 417.760%#		
41) Toluene-d8	10.323	98	68815	54.298	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 217.200%#		
43) trans-1,3-Dichloroprop...	10.579	79	6072	38.932	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 155.720%#		
47) 2-Hexanone-d5	10.927	63	9571	145.641	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 291.280%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	23971	75.436	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 301.760%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	4894	38.859	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 155.440%#		
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	1735	12.303	ug/L	75
16) Methylene chloride	4.922	84	5407	7.045	ug/L	82
27) 1,2-Dichloroethane	8.403	62	2130	2.717	ug/L	99
34) Trichloroethene	9.098	95	425	1.121	ug/L	84
40) 4-Methyl-2-pentanone	10.207	43	739	3.492	ug/L	# 77
42) Toluene	10.384	91	7351	4.682	ug/L	100
46) Tetrachloroethene	10.860	164	1193	3.435	ug/L	88
52) Ethylbenzene	11.725	91	879	0.497	ug/L	91
53) m,p-Xylene	11.841	106	1643	2.247	ug/L	77
54) o-Xylene	12.164	106	798	1.158	ug/L	82
62) 1,3,5-Trimethylbenzene	12.939	105	225	0.550	ug/L	# 60
63) 1,2,4-Trimethylbenzene	13.243	105	526	1.278	ug/L	# 75

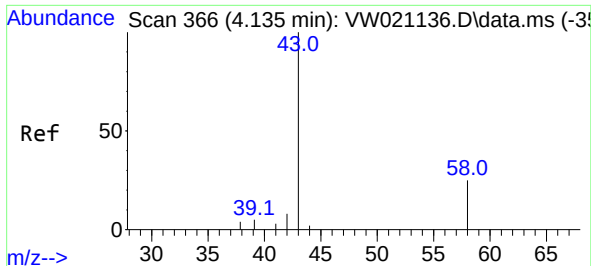
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 12.303 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021141.D

Acq: 05 Dec 2021 01:50

Instrument :

MSVOA_W

ClientSampleId :

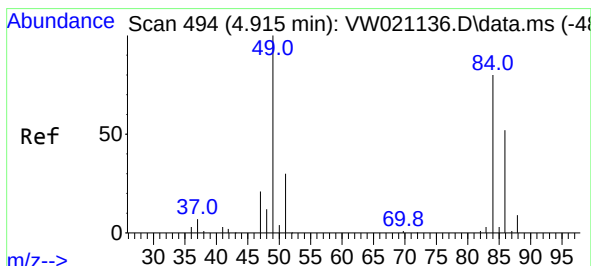
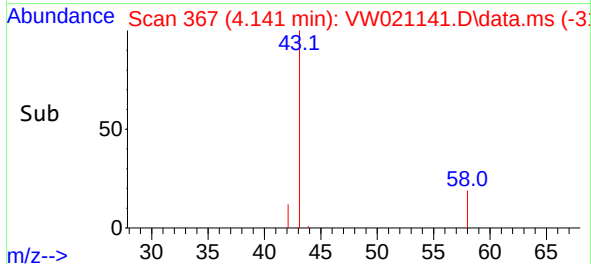
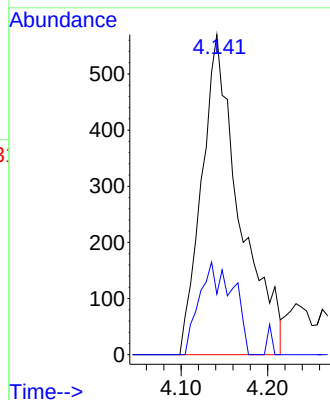
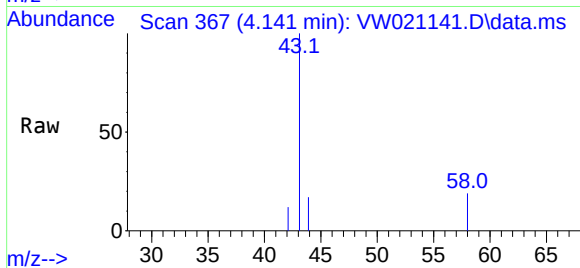
EW9H3RE

Tgt Ion: 43 Resp: 1735

Ion Ratio Lower Upper

43 100

58 13.7 0.0 52.8



#16

Methylene chloride

Concen: 7.045 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.006 min

Lab File: VW021141.D

Acq: 05 Dec 2021 01:50

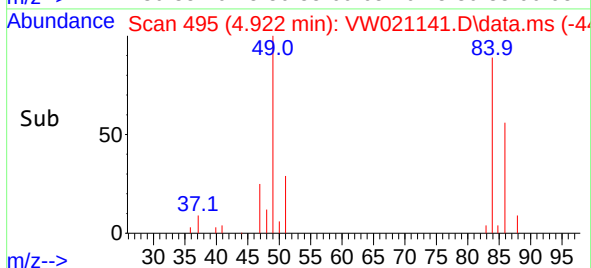
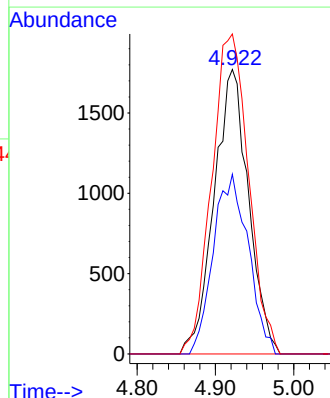
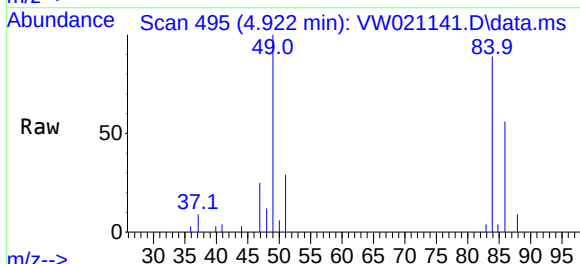
Tgt Ion: 84 Resp: 5407

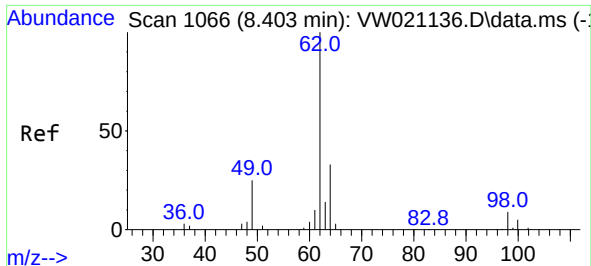
Ion Ratio Lower Upper

84 100

86 63.1 45.5 84.5

49 112.5 100.5 186.7





#27

1,2-Dichloroethane

Concen: 2.717 ug/L

RT: 8.403 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VW021141.D

Acq: 05 Dec 2021 01:50

Instrument :

MSVOA_W

ClientSampleId :

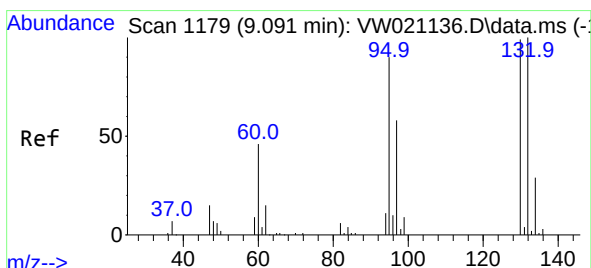
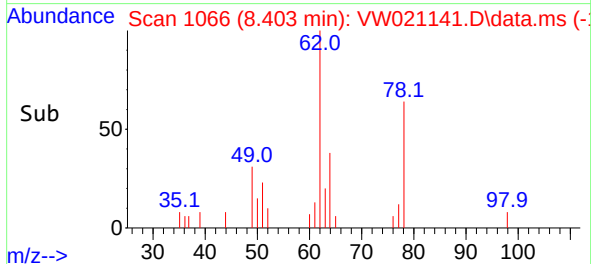
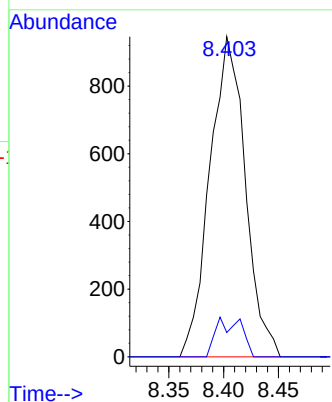
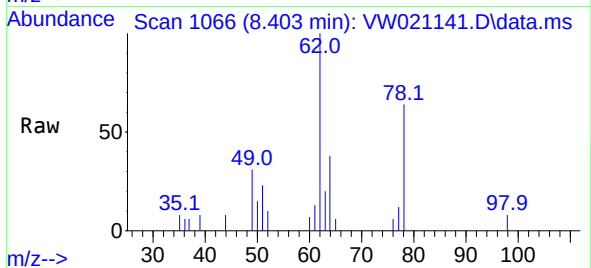
EW9H3RE

Tgt Ion: 62 Resp: 2130

Ion Ratio Lower Upper

62 100

98 7.6 6.5 9.7



#34

Trichloroethene

Concen: 1.121 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW021141.D

Acq: 05 Dec 2021 01:50

Tgt Ion: 95 Resp: 425

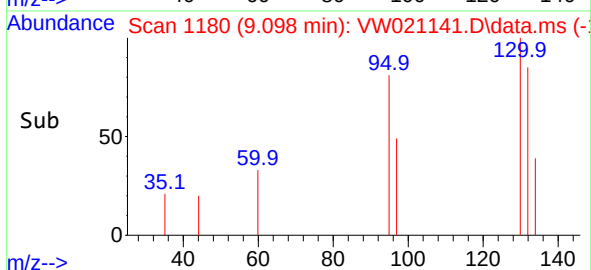
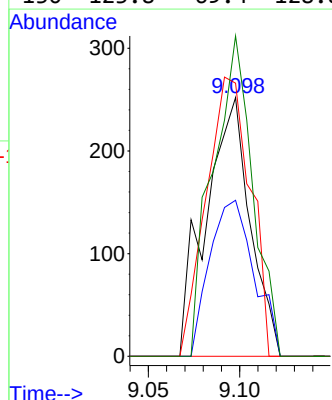
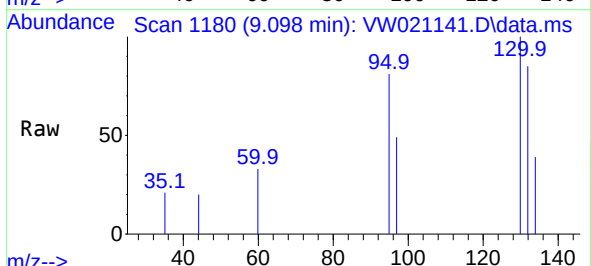
Ion Ratio Lower Upper

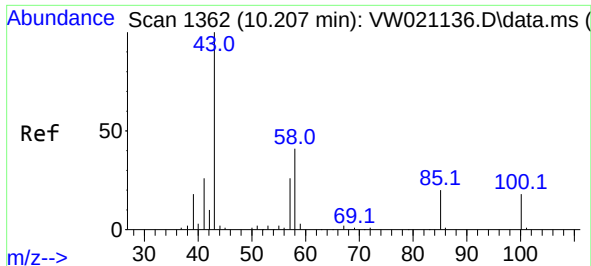
95 100

97 60.3 47.0 87.2

132 105.6 65.5 121.6

130 123.8 69.4 128.8





#40

4-Methyl-2-pentanone

Concen: 3.492 ug/L

RT: 10.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021141.D

Acq: 05 Dec 2021 01:50

Instrument :

MSVOA_W

ClientSampleId :

EW9H3RE

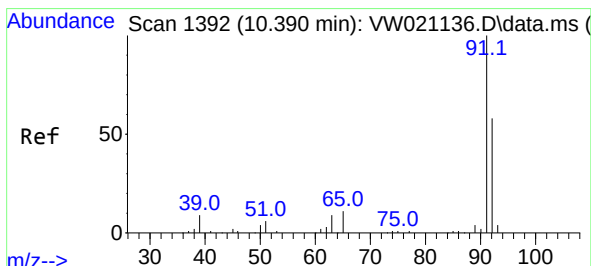
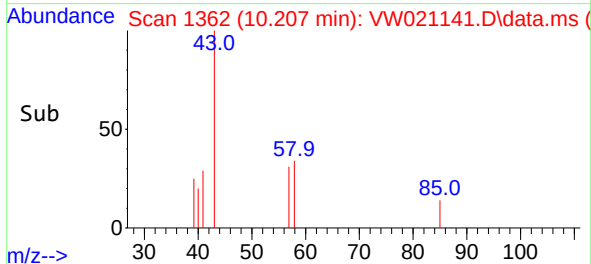
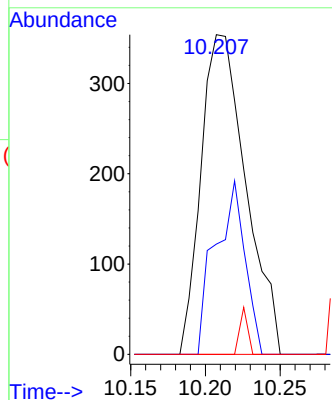
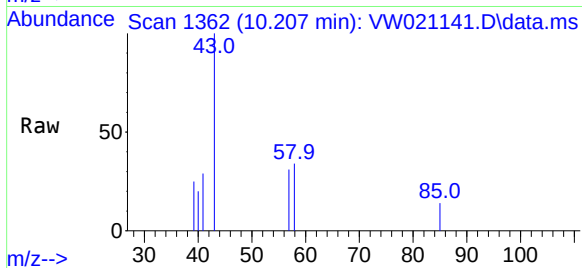
Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

58 24.2 28.8 43.2#

100 0.0 10.0 15.0#



#42

Toluene

Concen: 4.682 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021141.D

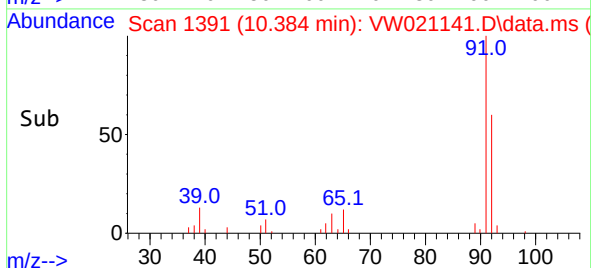
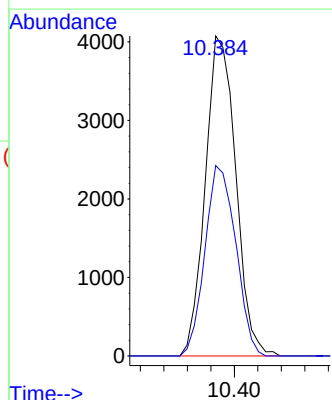
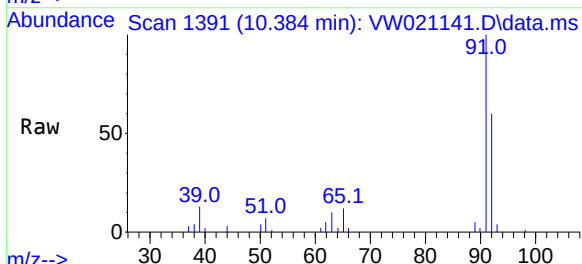
Acq: 05 Dec 2021 01:50

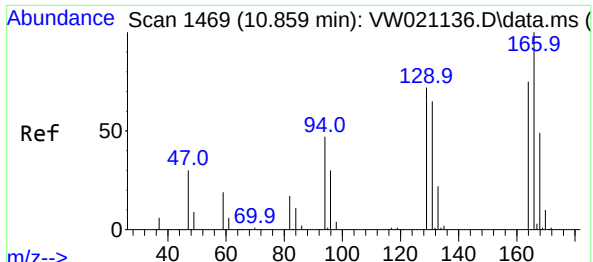
Tgt Ion: 91 Resp: 7351

Ion Ratio Lower Upper

91 100

92 59.5 41.7 77.5





#46

Tetrachloroethene

Concen: 3.435 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW021141.D

Acq: 05 Dec 2021 01:50

Instrument :

MSVOA_W

ClientSampleId :

EW9H3RE

Tgt Ion:164 Resp: 1193

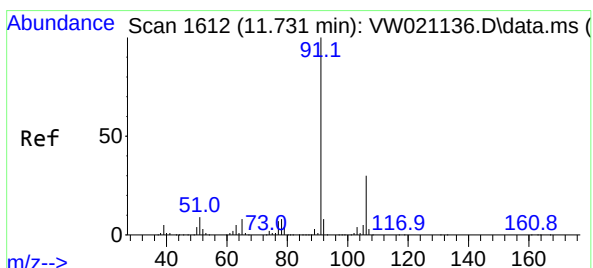
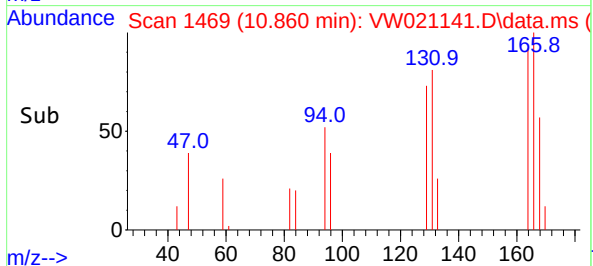
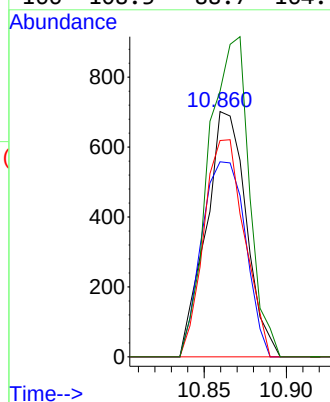
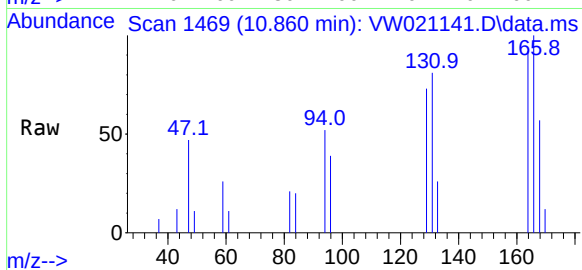
Ion Ratio Lower Upper

164 100

129 79.5 65.5 121.7

131 88.2 59.7 110.9

166 108.3 88.7 164.7



#52

Ethylbenzene

Concen: 0.497 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW021141.D

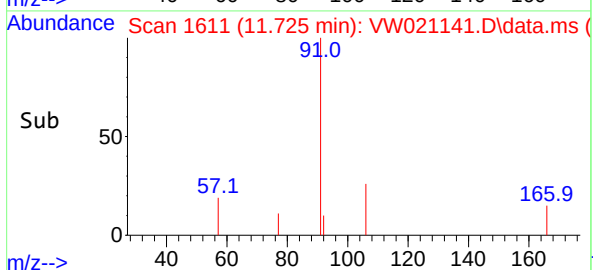
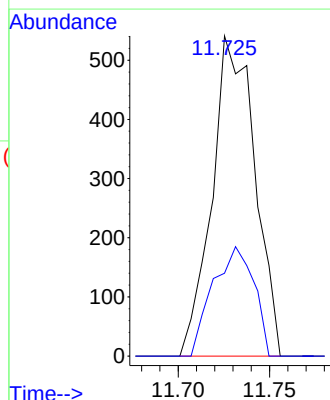
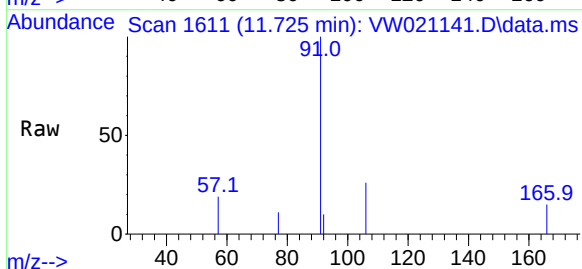
Acq: 05 Dec 2021 01:50

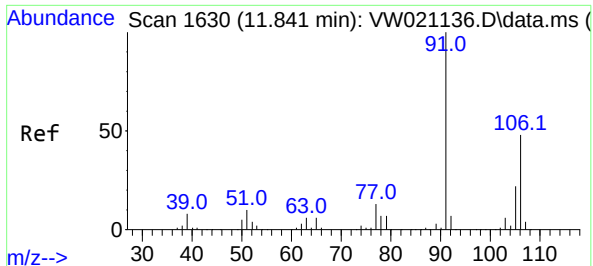
Tgt Ion: 91 Resp: 879

Ion Ratio Lower Upper

91 100

106 25.9 21.5 39.9

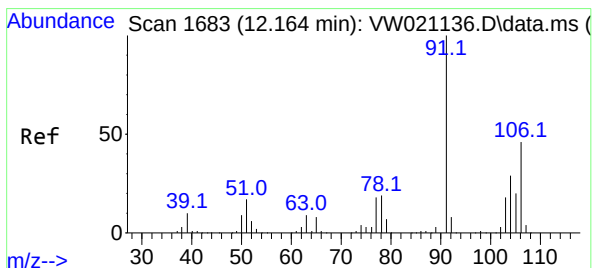
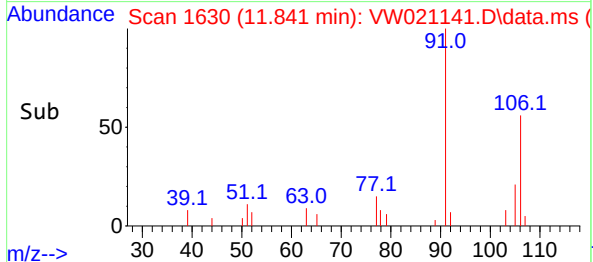
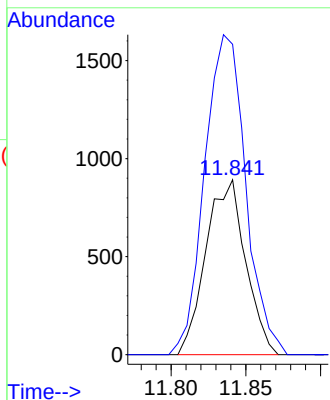
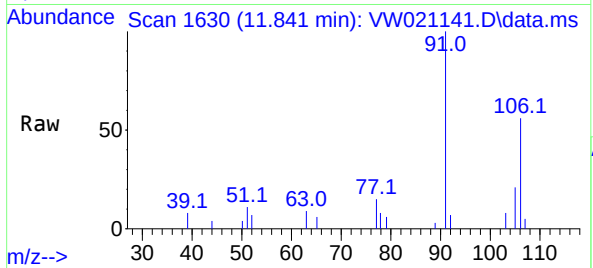




#53
m,p-Xylene
Concen: 2.247 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021141.D
Acq: 05 Dec 2021 01:50

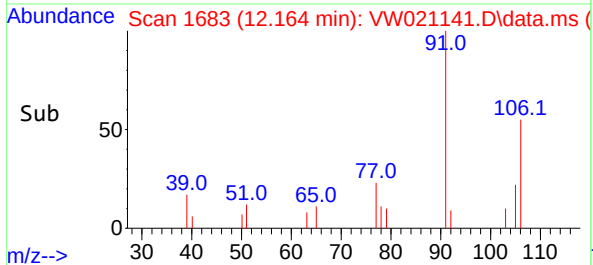
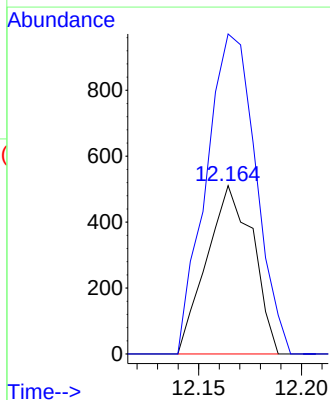
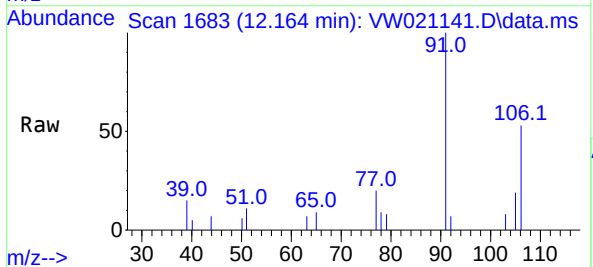
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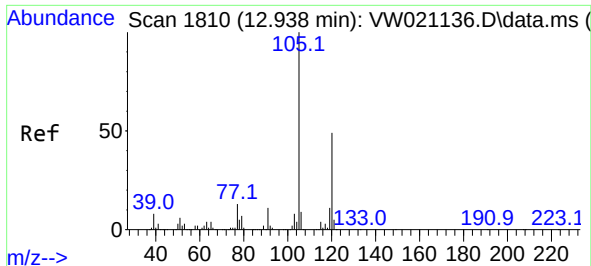
Tgt Ion:106 Resp: 1643
Ion Ratio Lower Upper
106 100
91 177.5 149.9 278.3



#54
o-Xylene
Concen: 1.158 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021141.D
Acq: 05 Dec 2021 01:50

Tgt Ion:106 Resp: 798
Ion Ratio Lower Upper
106 100
91 190.0 153.6 285.3

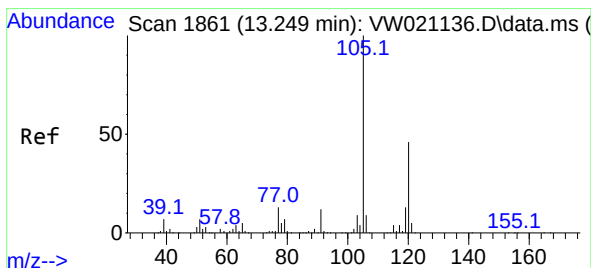
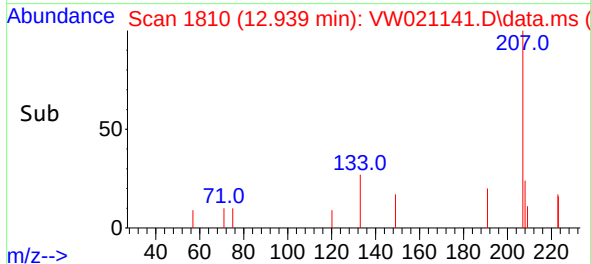
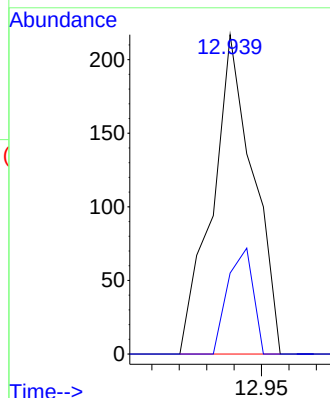
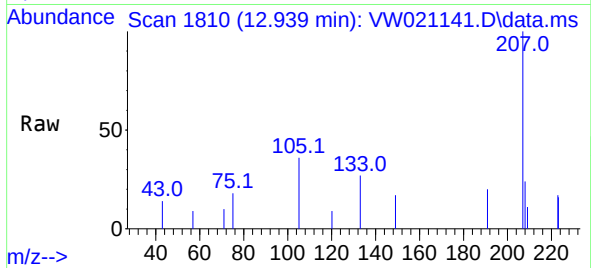




#62
1,3,5-Trimethylbenzene
Concen: 0.550 ug/L
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021141.D
Acq: 05 Dec 2021 01:50

Instrument :
MSVOA_W
ClientSampleId :
EW9H3RE

Tgt Ion:105 Resp: 225
Ion Ratio Lower Upper
105 100
120 20.4 37.4 56.2#



#63
1,2,4-Trimethylbenzene
Concen: 1.278 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW021141.D
Acq: 05 Dec 2021 01:50

Tgt Ion:105 Resp: 526
Ion Ratio Lower Upper
105 100
120 27.6 35.0 52.6#

