

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021146.D
 Acq On : 05 Dec 2021 03:50
 Operator : SY/VA
 Sample : M4886-08RE
 Misc : 5.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX889RE

Quant Time: Dec 06 04:30:11 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)

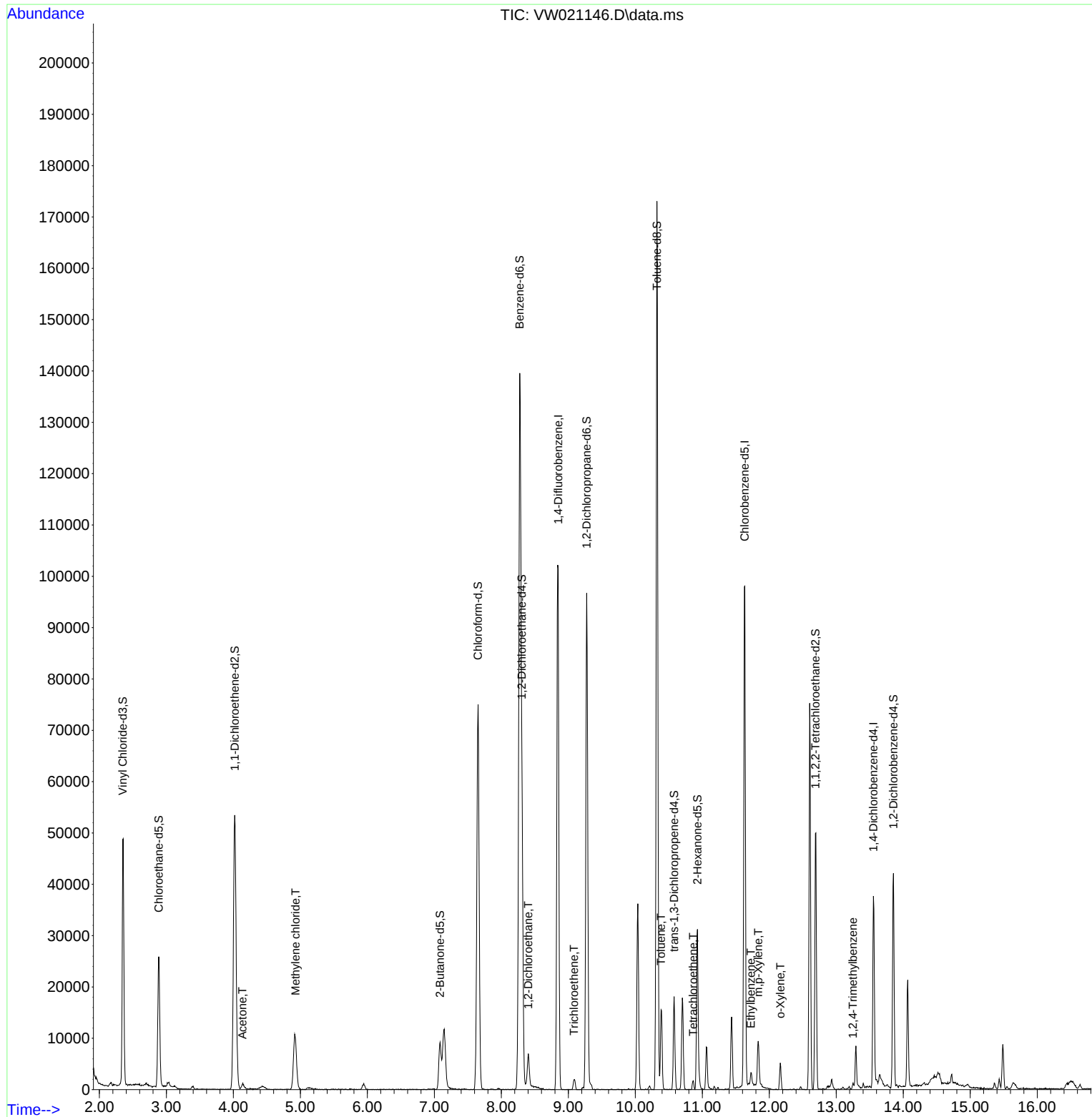
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	90956	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	55577	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	10743	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45998	36.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 145.200%	
7) Chloroethane-d5	2.885	69	28596	33.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.840%	
11) 1,1-Dichloroethene-d2	4.019	63	49369	24.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.560%	
21) 2-Butanone-d5	7.086	46	15230	52.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.380%	
24) Chloroform-d	7.653	84	73081	32.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 128.320%	
26) 1,2-Dichloroethane-d4	8.305	65	37993	30.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.960%	
32) Benzene-d6	8.275	84	137628	48.432	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 193.720%#	
36) 1,2-Dichloropropane-d6	9.275	67	40365	51.114	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 204.440%#	
41) Toluene-d8	10.323	98	108961	37.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 149.560%#	
43) trans-1,3-Dichloroprop...	10.579	79	9092	25.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.440%	
47) 2-Hexanone-d5	10.927	63	9946	65.828	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 131.660%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	23476	32.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 128.520%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	10917	28.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.440%	
Target Compounds						
						Qvalue
13) Acetone	4.135	43	2293	8.709	ug/L	96
16) Methylene chloride	4.928	84	8343	5.822	ug/L	80
27) 1,2-Dichloroethane	8.403	62	5242	3.581	ug/L	99
34) Trichloroethene	9.086	95	507	0.581	ug/L #	74
42) Toluene	10.384	91	11723	3.248	ug/L	91
46) Tetrachloroethene	10.866	164	437	0.547	ug/L	88
52) Ethylbenzene	11.725	91	1844	0.454	ug/L #	76
53) m,p-Xylene	11.835	106	2598	1.545	ug/L	81
54) o-Xylene	12.164	106	1504	0.949	ug/L	87
63) 1,2,4-Trimethylbenzene	13.249	105	1022	0.813	ug/L	98

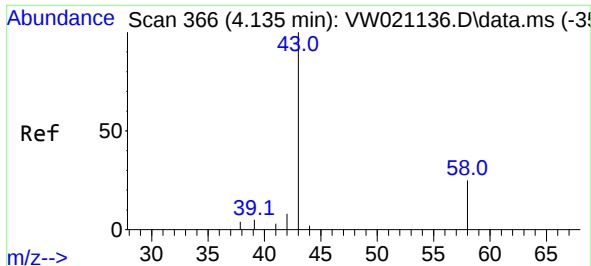
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021146.D
Acq On : 05 Dec 2021 03:50
Operator : SY/VA
Sample : M4886-08RE
Misc : 5.02g/10.0mL/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX889RE

Quant Time: Dec 06 04:30:11 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





#13

Acetone

Concen: 8.709 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021146.D

Acq: 05 Dec 2021 03:50

Instrument :

MSVOA_W

ClientSampleId :

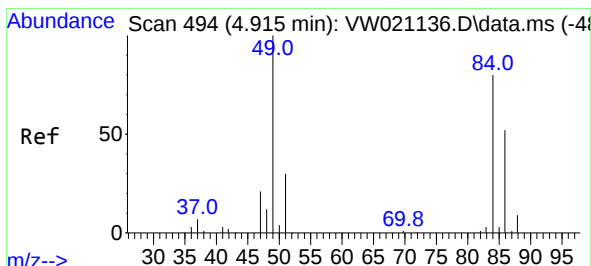
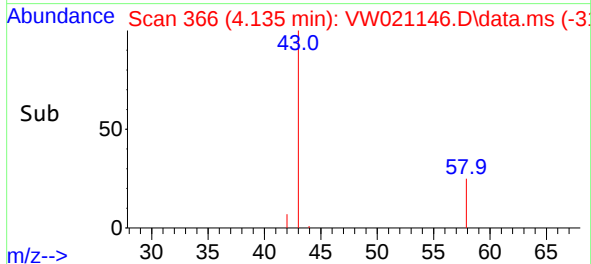
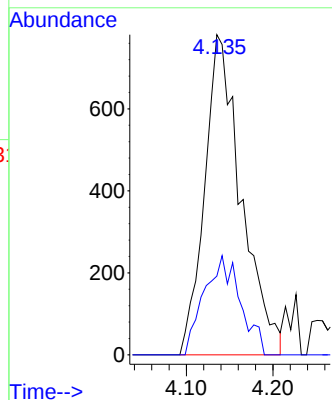
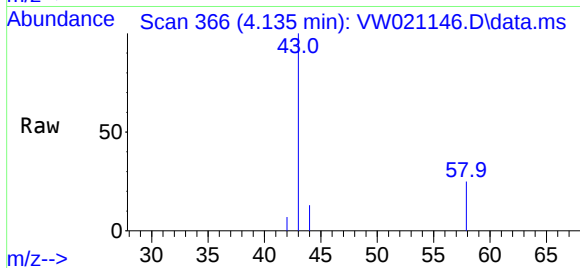
EX889RE

Tgt Ion: 43 Resp: 2293

Ion Ratio Lower Upper

43 100

58 28.3 0.0 52.8



#16

Methylene chloride

Concen: 5.822 ug/L

RT: 4.928 min Scan# 496

Delta R.T. 0.012 min

Lab File: VW021146.D

Acq: 05 Dec 2021 03:50

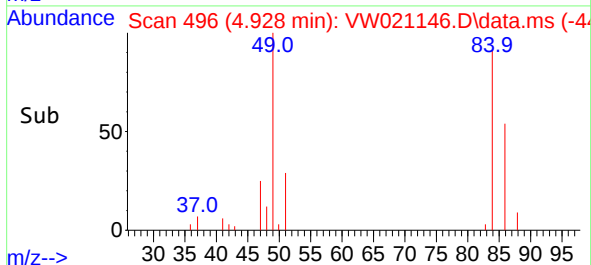
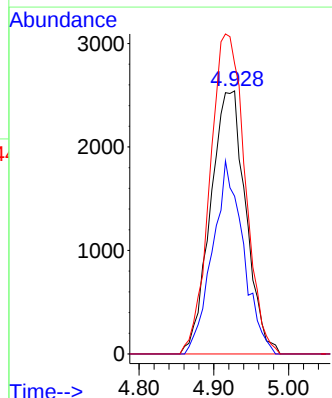
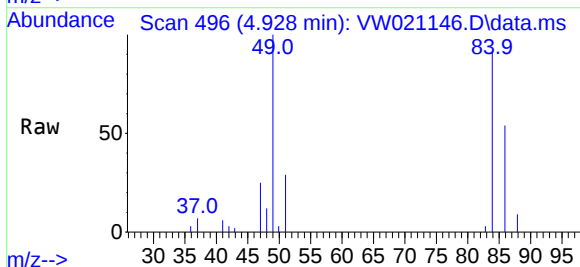
Tgt Ion: 84 Resp: 8343

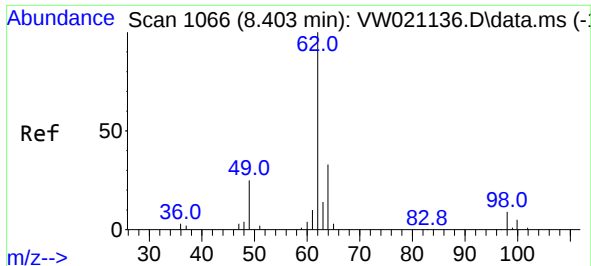
Ion Ratio Lower Upper

84 100

86 60.0 45.5 84.5

49 110.4 100.5 186.7





#27

1,2-Dichloroethane

Concen: 3.581 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021146.D

Acq: 05 Dec 2021 03:50

Instrument :

MSVOA_W

ClientSampleId :

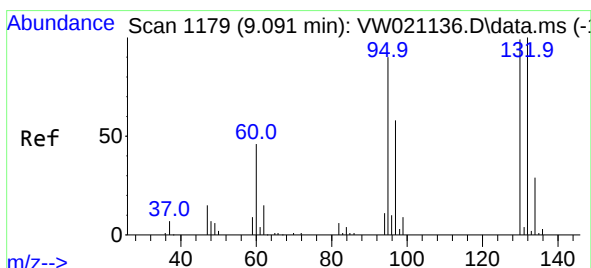
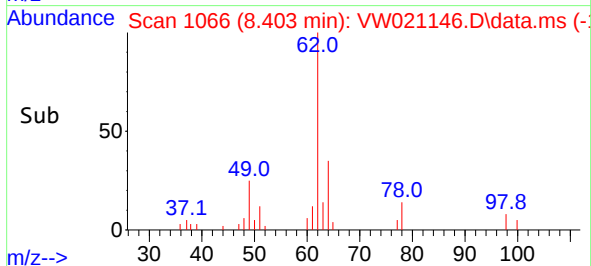
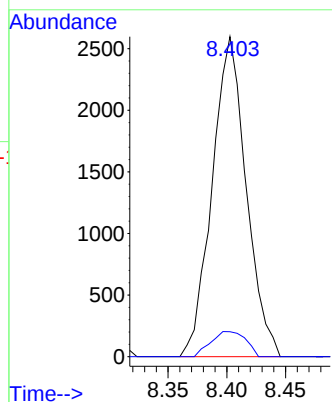
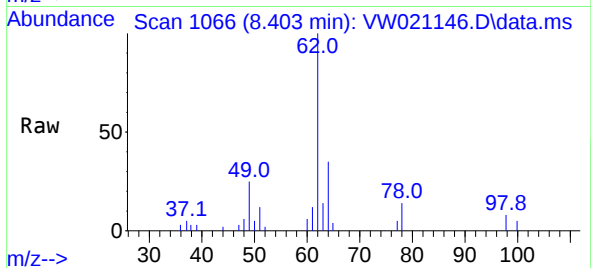
EX889RE

Tgt Ion: 62 Resp: 5242

Ion Ratio Lower Upper

62 100

98 7.8 6.5 9.7



#34

Trichloroethene

Concen: 0.581 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW021146.D

Acq: 05 Dec 2021 03:50

Tgt Ion: 95 Resp: 507

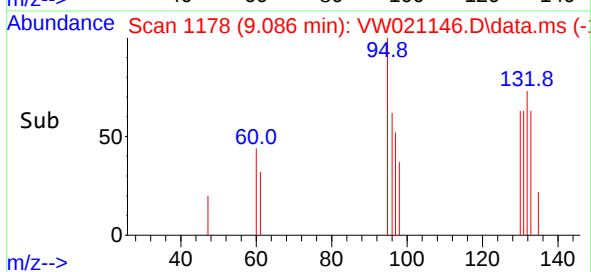
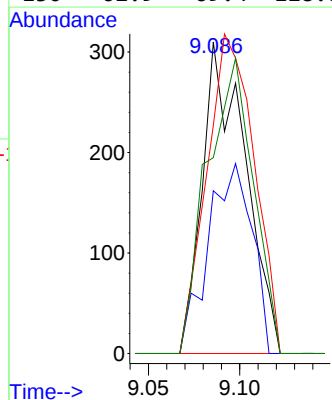
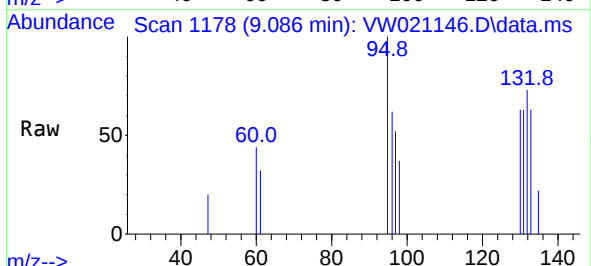
Ion Ratio Lower Upper

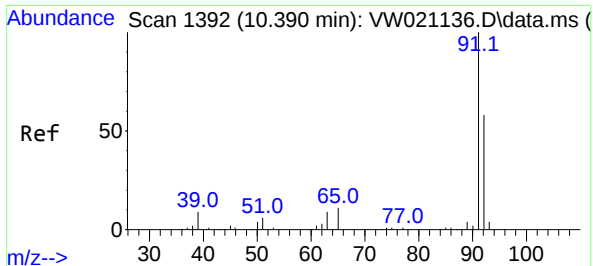
95 100

97 52.3 47.0 87.2

132 73.2 65.5 121.6

130 62.9 69.4 128.8#

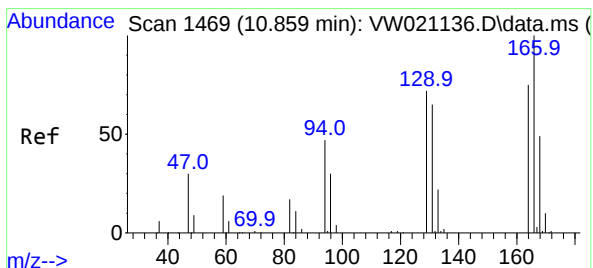
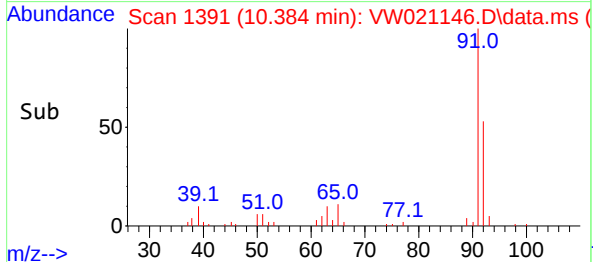
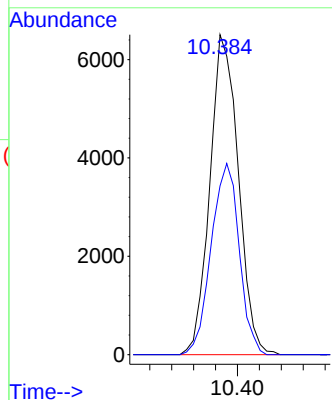
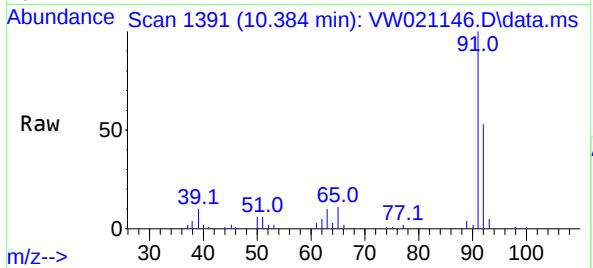




#42
Toluene
Concen: 3.248 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

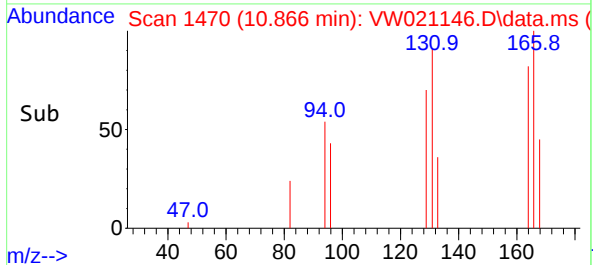
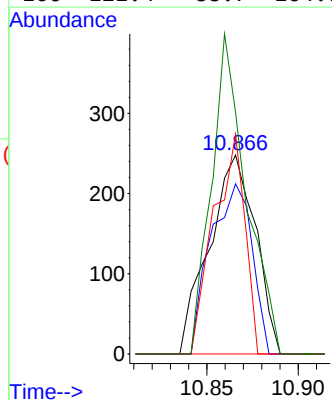
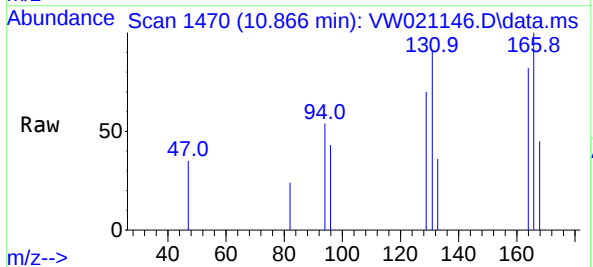
Instrument :
MSVOA_W
ClientSampleId :
EX889RE

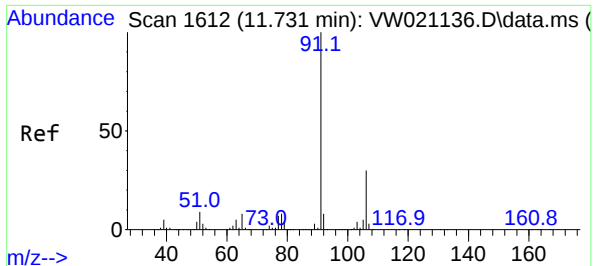
Tgt Ion: 91 Resp: 11723
Ion Ratio Lower Upper
91 100
92 52.8 41.7 77.5



#46
Tetrachloroethene
Concen: 0.547 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Tgt Ion:164 Resp: 437
Ion Ratio Lower Upper
164 100
129 85.5 65.5 121.7
131 110.5 59.7 110.9
166 121.4 88.7 164.7





#52

Ethylbenzene

Concen: 0.454 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021146.D

Acq: 05 Dec 2021 03:50

Instrument :

MSVOA_W

ClientSampleId :

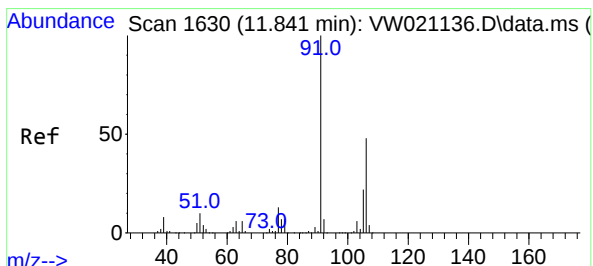
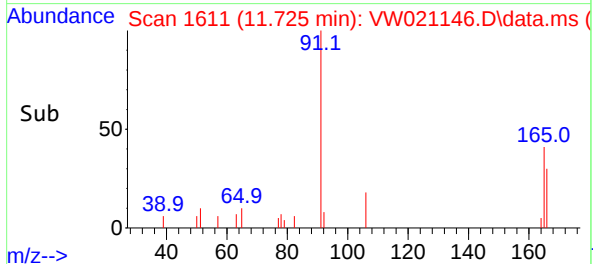
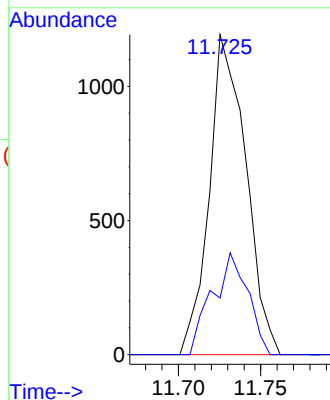
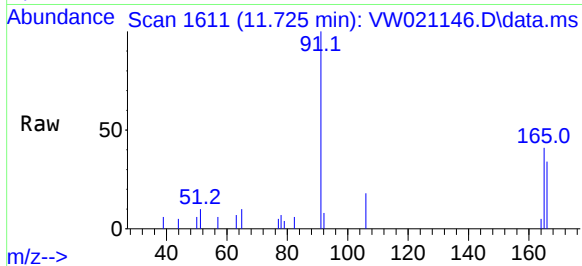
EX889RE

Tgt Ion: 91 Resp: 1844

Ion Ratio Lower Upper

91 100

106 17.7 21.5 39.9#



#53

m,p-Xylene

Concen: 1.545 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021146.D

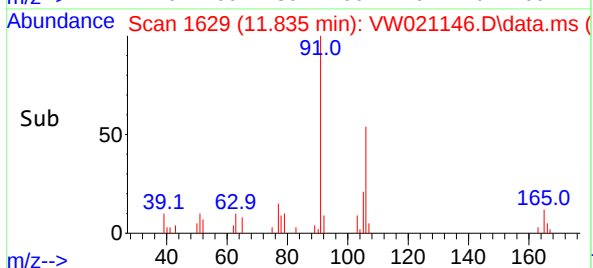
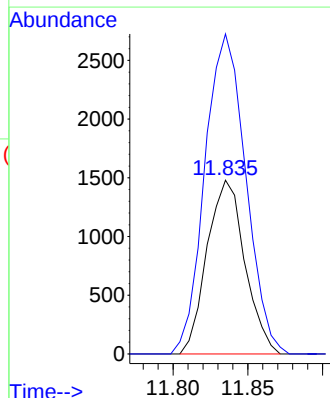
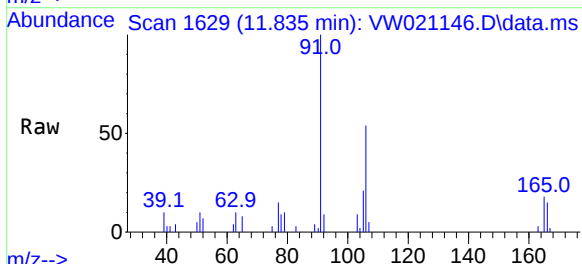
Acq: 05 Dec 2021 03:50

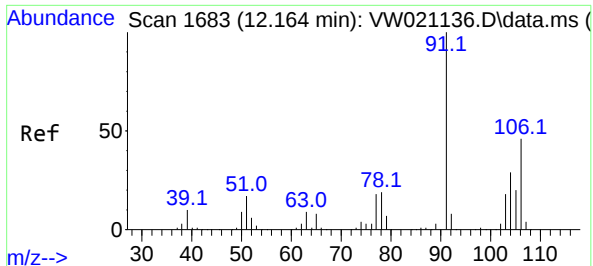
Tgt Ion:106 Resp: 2598

Ion Ratio Lower Upper

106 100

91 184.2 149.9 278.3

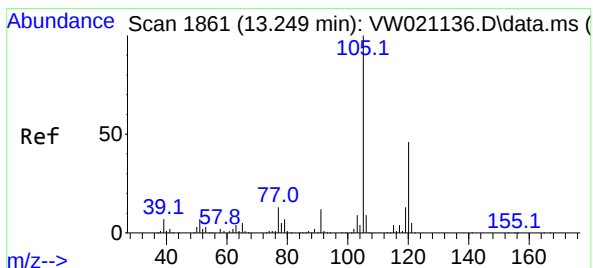
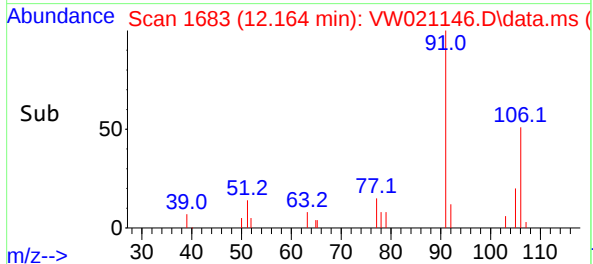
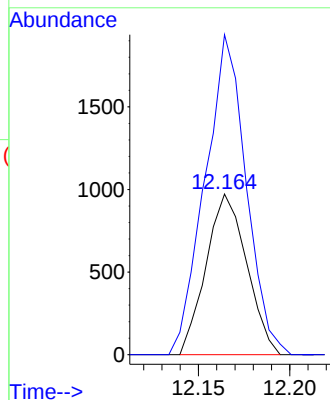
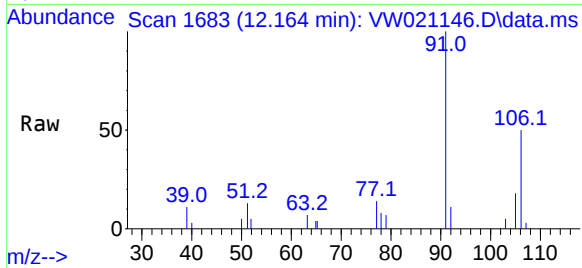




#54
o-Xylene
Concen: 0.949 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Instrument :
MSVOA_W
ClientSampleId :
EX889RE

Tgt Ion:106 Resp: 1504
Ion Ratio Lower Upper
106 100
91 199.3 153.6 285.3



#63
1,2,4-Trimethylbenzene
Concen: 0.813 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Tgt Ion:105 Resp: 1022
Ion Ratio Lower Upper
105 100
120 42.3 35.0 52.6

