

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021143.D
 Acq On : 05 Dec 2021 02:38
 Operator : SY/VA
 Sample : M4883-19RE
 Misc : 3.75g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9H5RE

Quant Time: Dec 06 04:29:48 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)

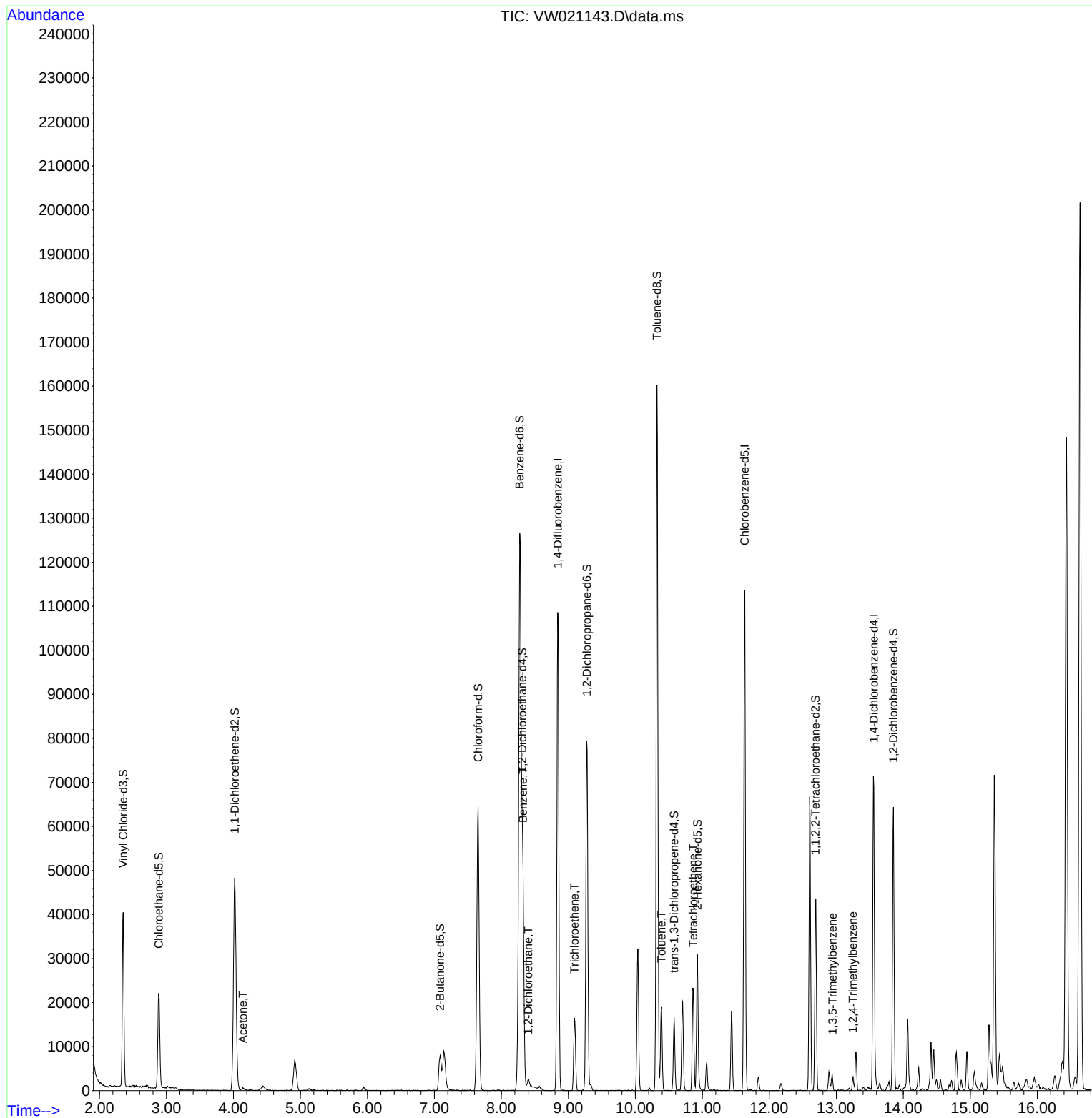
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	92402	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	63528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	20058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36799	28.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.320%
7) Chloroethane-d5	2.885	69	24722	28.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.760%
11) 1,1-Dichloroethene-d2	4.019	63	44225	21.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.000%
21) 2-Butanone-d5	7.086	46	13680	46.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.180%
24) Chloroform-d	7.653	84	62282	26.914	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.640%
26) 1,2-Dichloroethane-d4	8.311	65	32160	25.403	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	8.274	84	120824	37.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.800%#
36) 1,2-Dichloropropane-d6	9.274	67	33844	37.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.960%#
41) Toluene-d8	10.323	98	102648	30.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.280%
43) trans-1,3-Dichloroprop...	10.579	79	8442	20.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.400%
47) 2-Hexanone-d5	10.926	63	9848	57.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20019	23.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	16372	22.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						Qvalue
13) Acetone	4.141	43	1177	4.400	ug/L	91
27) 1,2-Dichloroethane	8.403	62	1270	0.854	ug/L	# 93
33) Benzene	8.323	78	28496	7.888	ug/L	100
34) Trichloroethene	9.091	95	5313	5.331	ug/L	88
42) Toluene	10.390	91	14169	3.434	ug/L	93
46) Tetrachloroethene	10.866	164	5205	5.703	ug/L	82
62) 1,3,5-Trimethylbenzene	12.944	105	1560	0.668	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	1979	0.843	ug/L	94

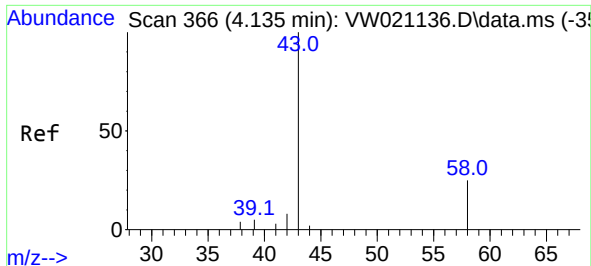
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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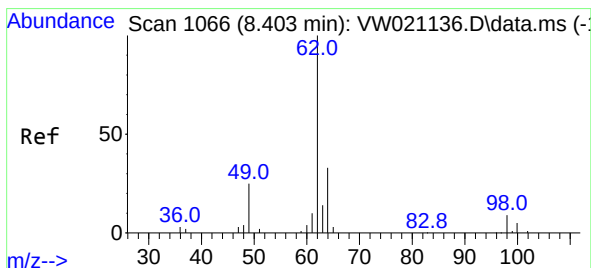
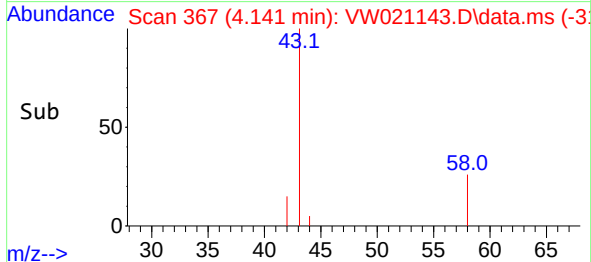
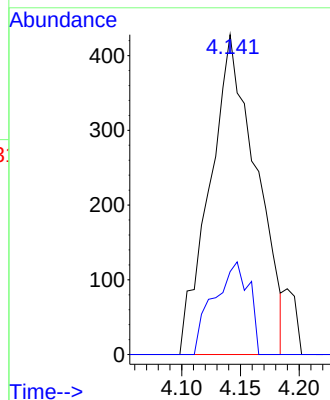
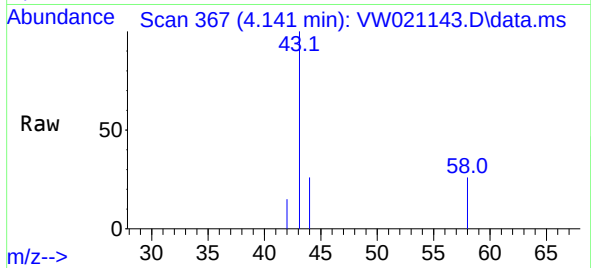




#13
Acetone
Concen: 4.400 ug/L
RT: 4.141 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

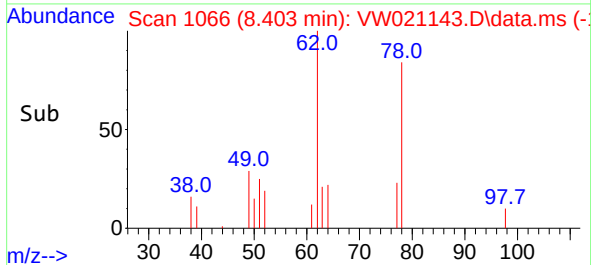
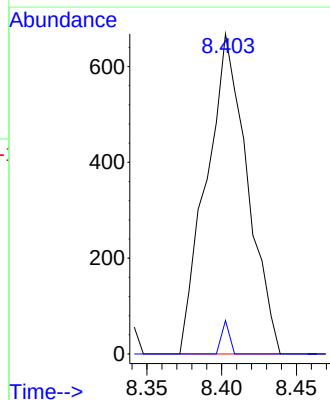
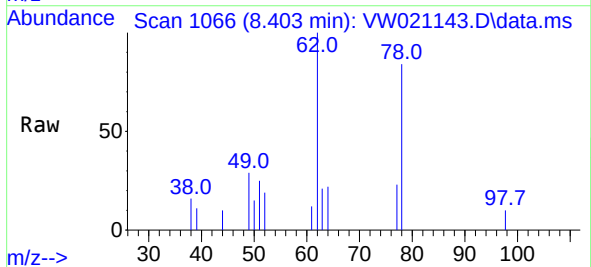
Instrument :
MSVOA_W
ClientSampleId :
EW9H5RE

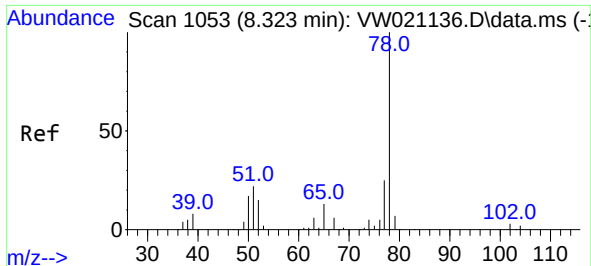
Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 21.9 0.0 52.8



#27
1,2-Dichloroethane
Concen: 0.854 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Tgt Ion: 62 Resp: 1270
Ion Ratio Lower Upper
62 100
98 10.5 6.5 9.7#

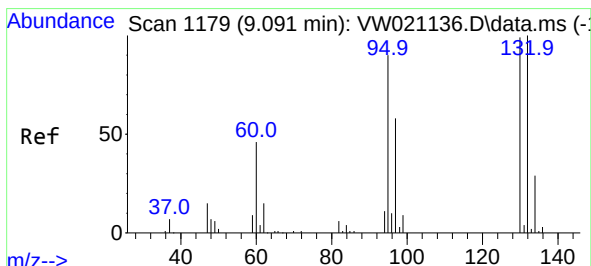
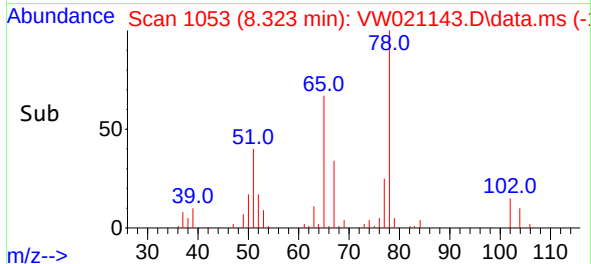
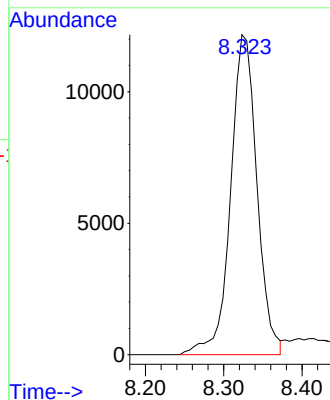
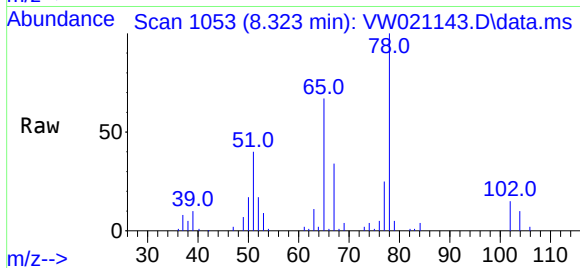




#33
Benzene
Concen: 7.888 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Instrument :
MSVOA_W
ClientSampleId :
EW9H5RE

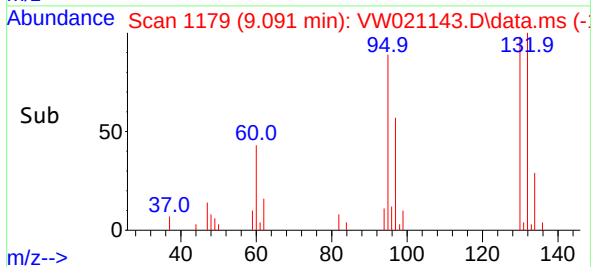
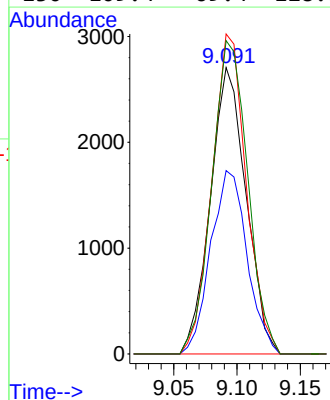
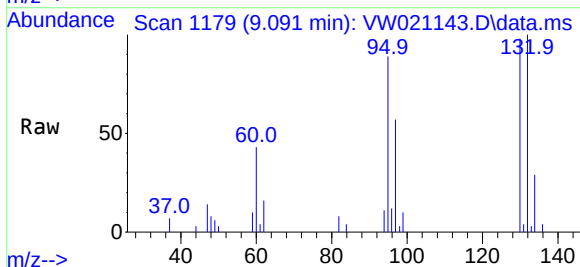
Tgt Ion: 78 Resp: 28496

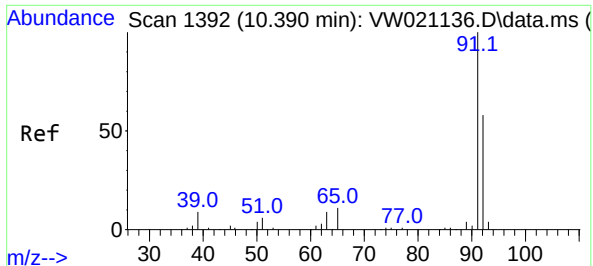


#34
Trichloroethene
Concen: 5.331 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Tgt Ion: 95 Resp: 5313

Ion	Ratio	Lower	Upper
95	100		
97	64.0	47.0	87.2
132	111.8	65.5	121.6
130	109.4	69.4	128.8

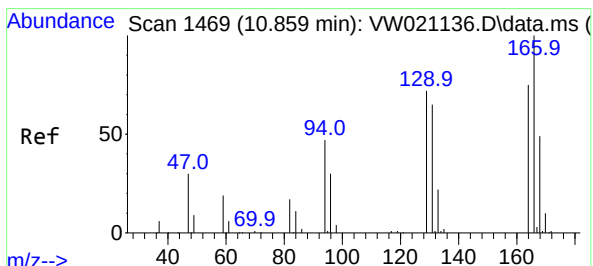
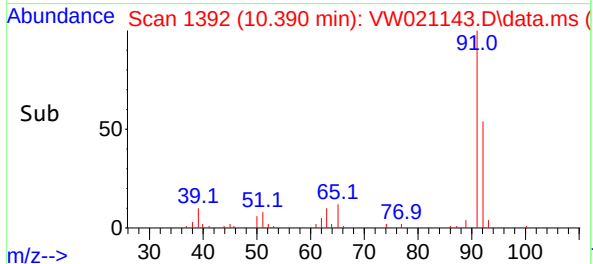
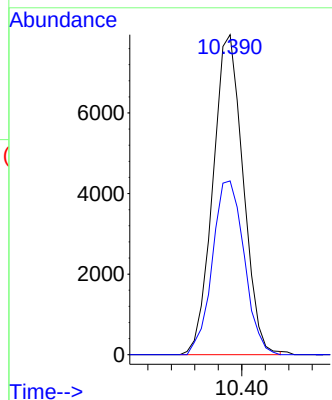
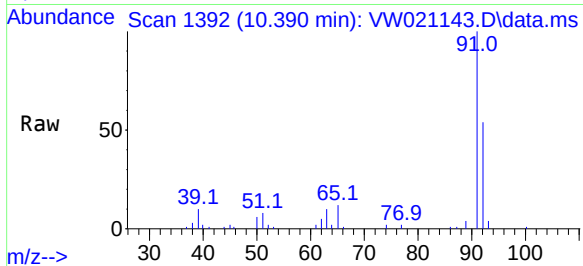




#42
Toluene
Concen: 3.434 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

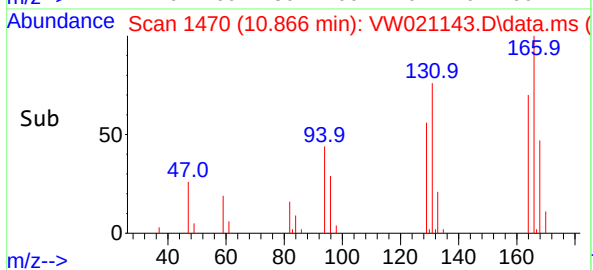
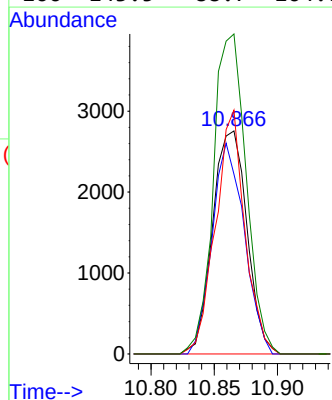
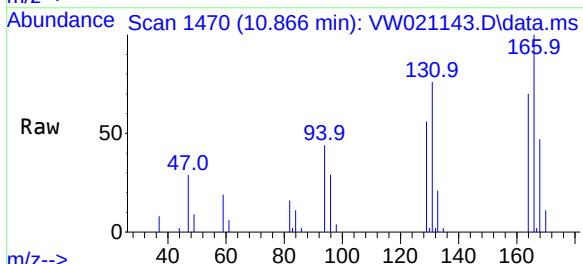
Instrument :
MSVOA_W
ClientSampleId :
EW9H5RE

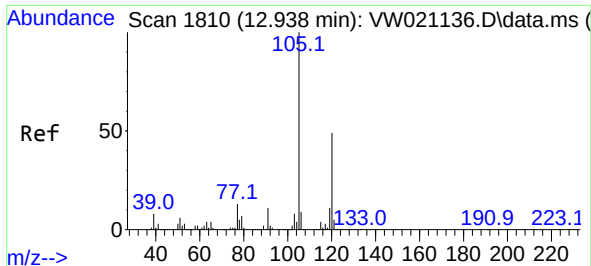
Tgt Ion: 91 Resp: 14169
Ion Ratio Lower Upper
91 100
92 54.3 41.7 77.5



#46
Tetrachloroethene
Concen: 5.703 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Tgt Ion:164 Resp: 5205
Ion Ratio Lower Upper
164 100
129 80.6 65.5 121.7
131 109.3 59.7 110.9
166 143.5 88.7 164.7





#62

1,3,5-Trimethylbenzene

Concen: 0.668 ug/L

RT: 12.944 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021143.D

Acq: 05 Dec 2021 02:38

Instrument :

MSVOA_W

ClientSampleId :

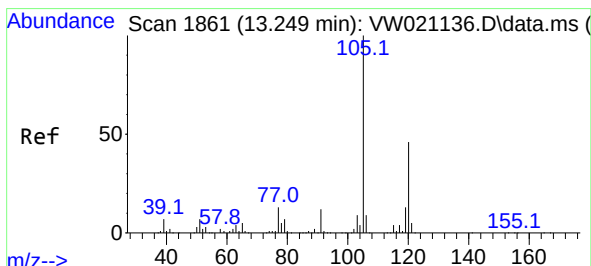
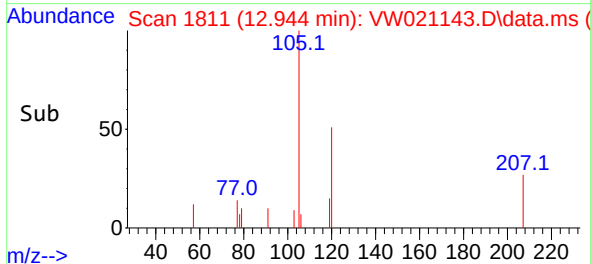
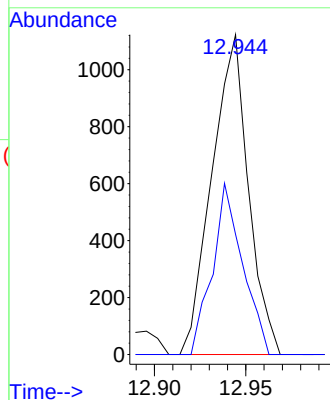
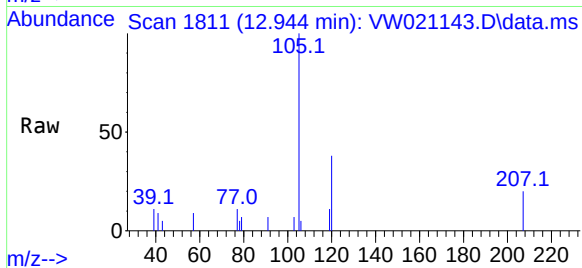
EW9H5RE

Tgt Ion:105 Resp: 1560

Ion Ratio Lower Upper

105 100

120 44.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.843 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021143.D

Acq: 05 Dec 2021 02:38

Tgt Ion:105 Resp: 1979

Ion Ratio Lower Upper

105 100

120 47.9 35.0 52.6

