

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021205.D
 Acq On : 07 Dec 2021 15:29
 Operator : SY/VA
 Sample : M4888-02RE
 Misc : 4.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8A9RE

Quant Time: Dec 08 03:49:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

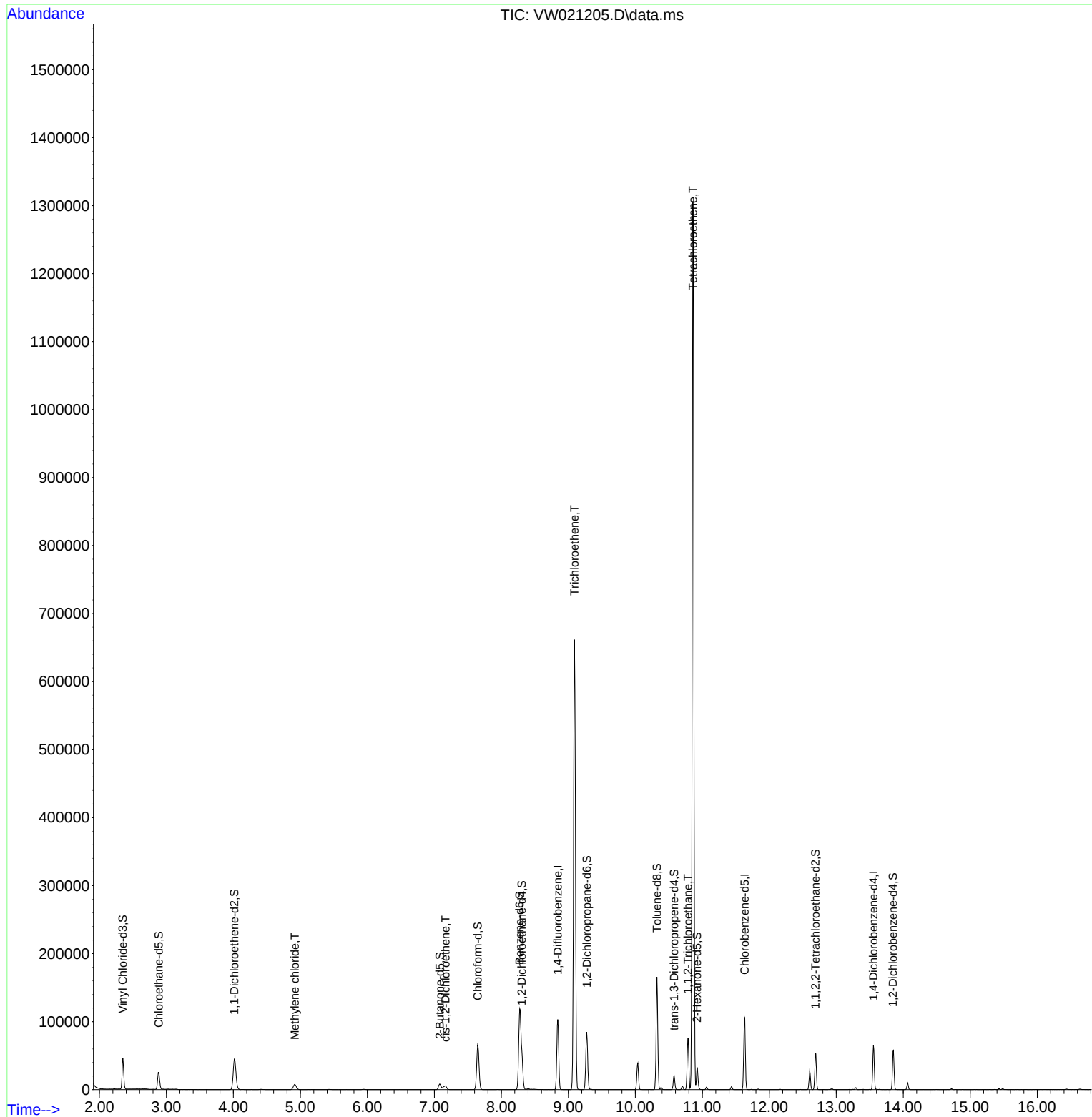
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	89657	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	59450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	17015	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43911	35.152	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	140.600%	
7) Chloroethane-d5	2.885	69	29868	35.718	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	142.880%	
11) 1,1-Dichloroethene-d2	4.013	63	42912	21.504	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	86.000%	
21) 2-Butanone-d5	7.080	46	14463	50.760	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	101.520%	
24) Chloroform-d	7.647	84	66273	29.516	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	118.080%	
26) 1,2-Dichloroethane-d4	8.305	65	35276	28.718	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	114.880%	
32) Benzene-d6	8.275	84	121976	40.127	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	160.520%#	
36) 1,2-Dichloropropane-d6	9.275	67	35224	41.698	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	166.800%#	
41) Toluene-d8	10.323	98	103861	33.322	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	133.280%#	
43) trans-1,3-Dichloroprop...	10.579	79	10904	28.428	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	113.720%	
47) 2-Hexanone-d5	10.921	63	11031	68.253	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	136.500%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	24501	31.351	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	125.400%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	15502	25.428	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	101.720%	
Target Compounds						
					Qvalue	
16) Methylene chloride	4.916	84	6284	4.449	ug/L	78
20) cis-1,2-Dichloroethene	7.165	96	2263	1.722	ug/L	# 63
34) Trichloroethene	9.092	95	210908	226.131	ug/L	91
45) 1,1,2-Trichloroethane	10.786	97	23176	36.178	ug/L	91
46) Tetrachloroethene	10.860	164	288015	337.234	ug/L	98

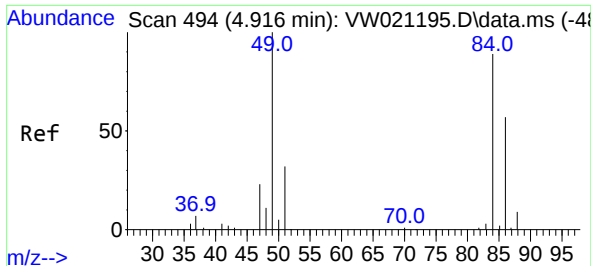
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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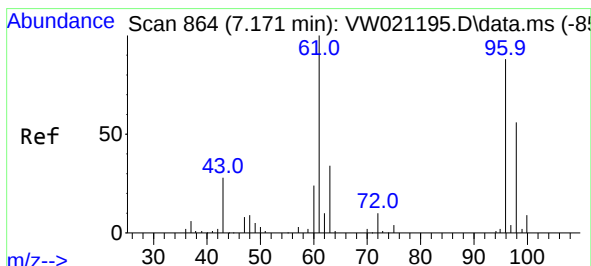
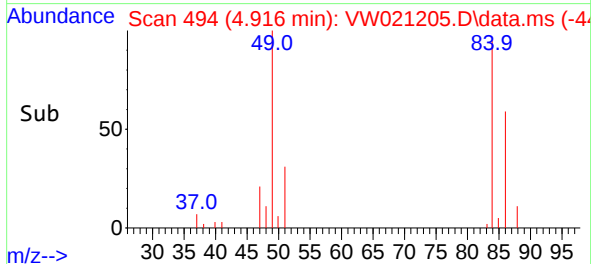
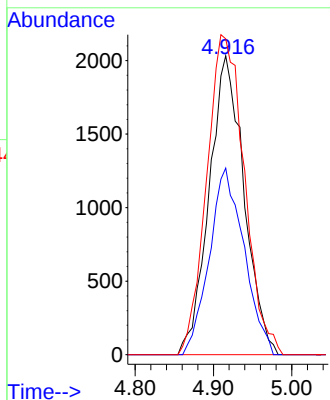
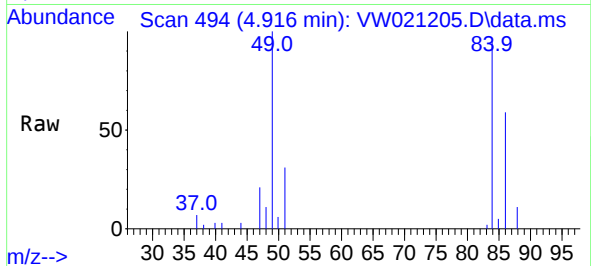




#16
Methylene chloride
Concen: 4.449 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

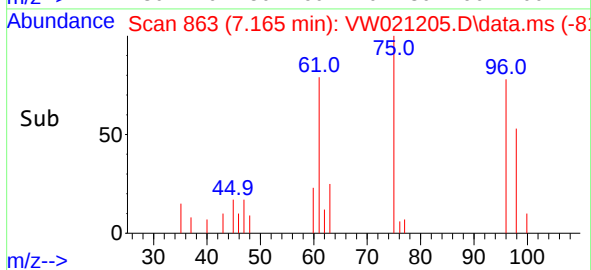
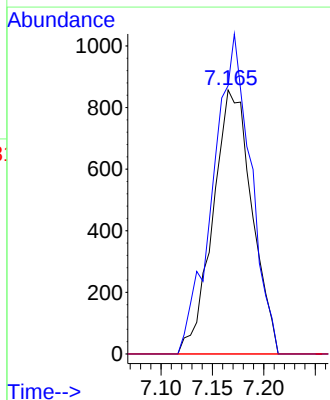
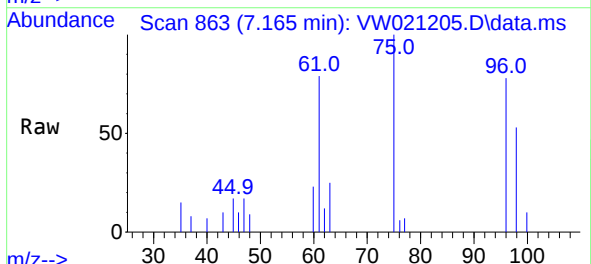
Instrument :
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EX8A9RE

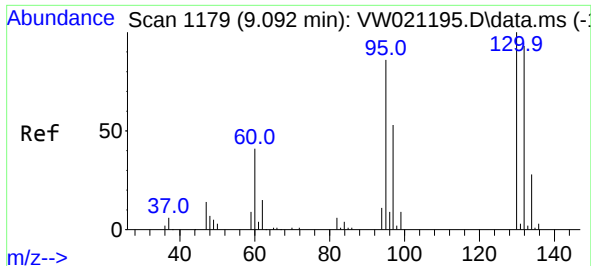
Tgt Ion: 84 Resp: 6284
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 105.7 100.5 186.7



#20
cis-1,2-Dichloroethene
Concen: 1.722 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

Tgt Ion: 96 Resp: 2263
Ion Ratio Lower Upper
96 100
61 101.6 103.7 192.7#
68 0.0 0.0 0.0

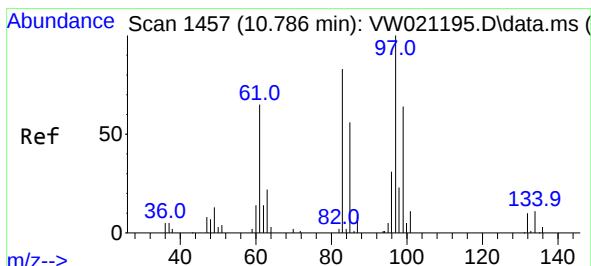
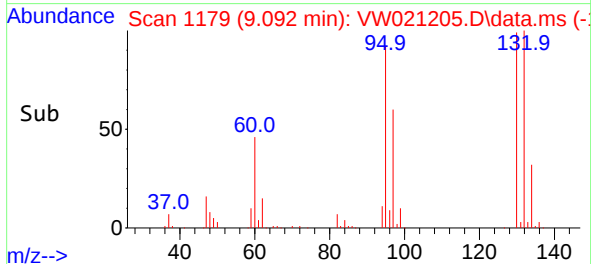
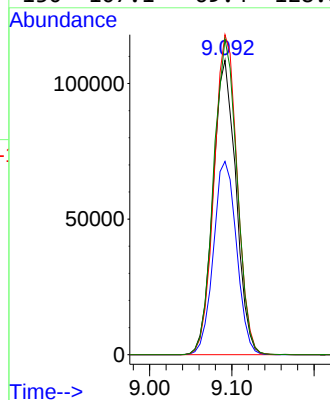
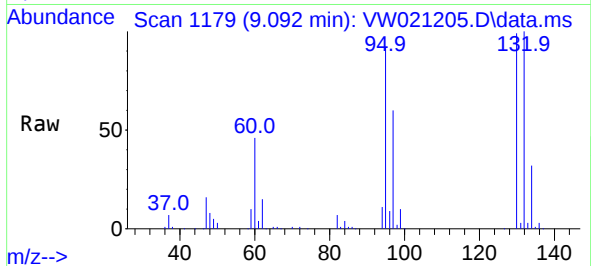




#34
Trichloroethene
Concen: 226.131 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

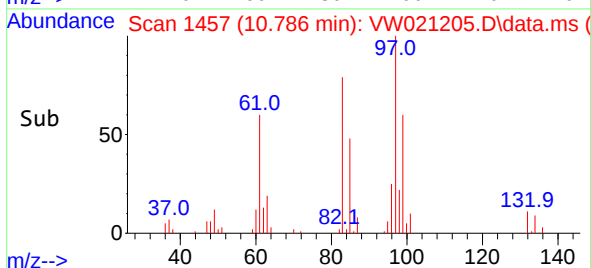
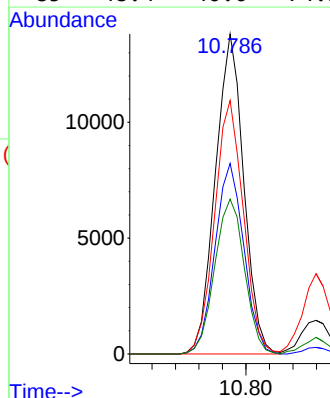
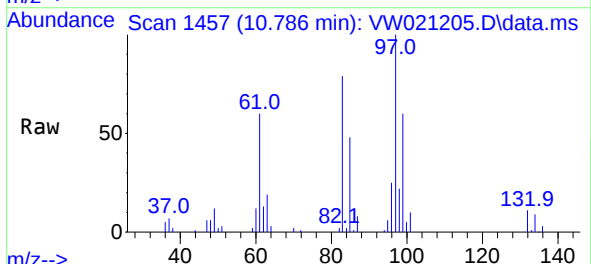
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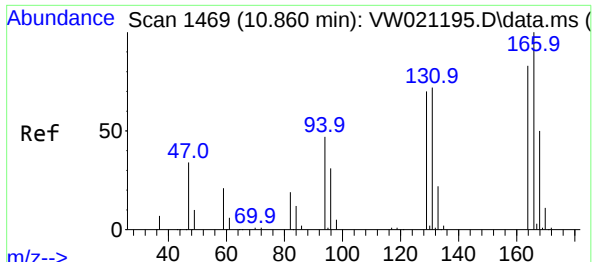
Tgt Ion: 95 Resp: 210908
Ion Ratio Lower Upper
95 100
97 65.6 47.0 87.2
132 108.7 65.5 121.6
130 107.1 69.4 128.8



#45
1,1,2-Trichloroethane
Concen: 36.178 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

Tgt Ion: 97 Resp: 23176
Ion Ratio Lower Upper
97 100
99 59.5 43.0 79.8
83 79.2 62.6 116.3
85 48.4 40.0 74.2





#46
 Tetrachloroethene
 Concen: 337.234 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VW021205.D
 Acq: 07 Dec 2021 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8A9RE

Tgt Ion:164 Resp: 288015

Ion	Ratio	Lower	Upper
164	100		
129	94.4	65.5	121.7
131	85.3	59.7	110.9
166	122.7	88.7	164.7

