

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021209.D
 Acq On : 07 Dec 2021 17:05
 Operator : SY/VA
 Sample : M4888-20RE
 Misc : 5.45g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8C5RE

Quant Time: Dec 08 03:50:36 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)

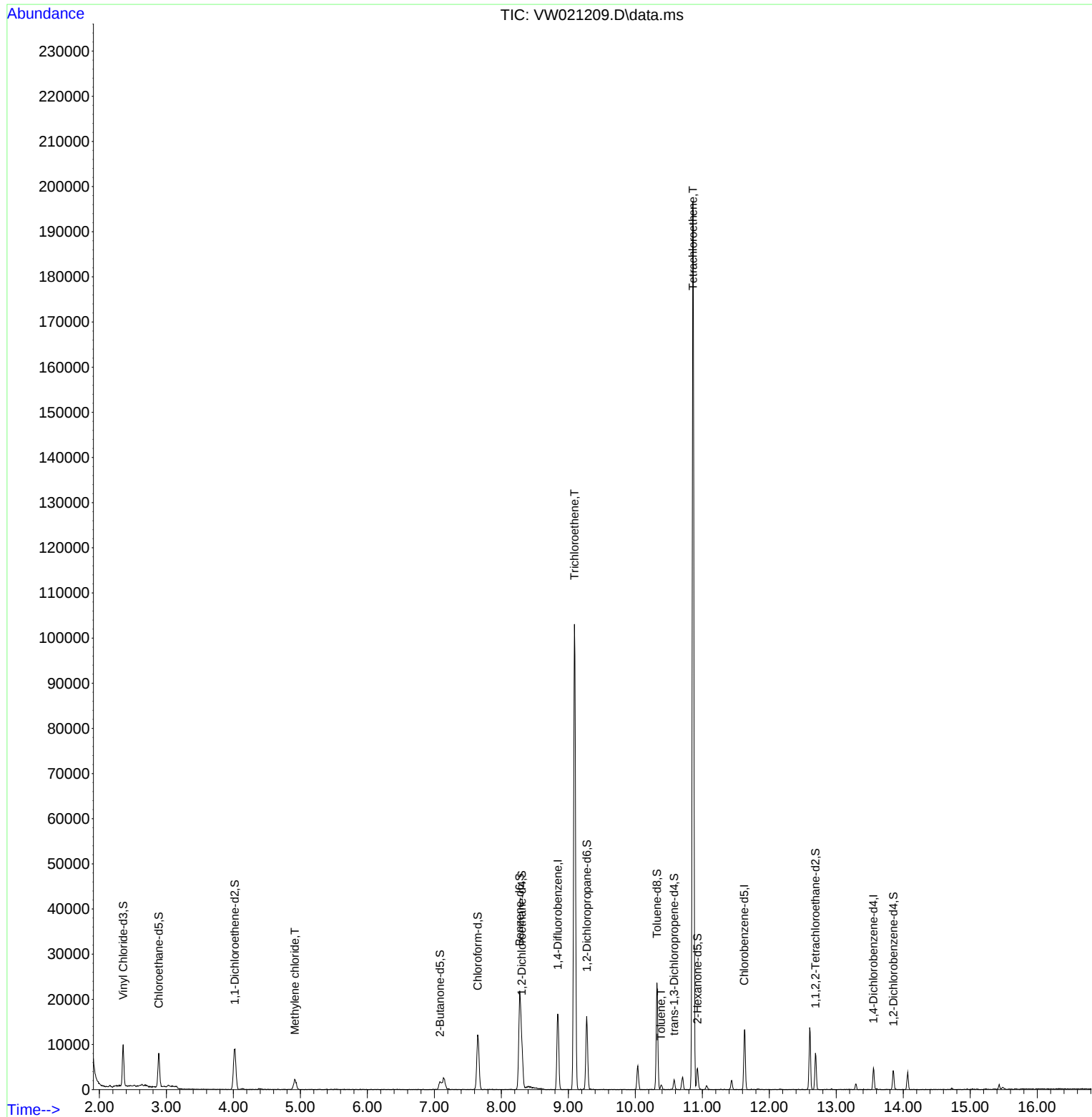
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	15000	25.000	ug/L	# 0.00
28) Chlorobenzene-d5		11.628	117	7930	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	1443	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	8500	40.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 162.680%#		
7) Chloroethane-d5		2.885	69	7343	52.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 209.960%#		
11) 1,1-Dichloroethene-d2		4.019	63	8411	25.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.760%		
21) 2-Butanone-d5		7.086	46	3156	66.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 132.420%		
24) Chloroform-d		7.647	84	12221	32.533	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 130.120%		
26) 1,2-Dichloroethane-d4		8.305	65	6747	32.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 131.320%#		
32) Benzene-d6		8.275	84	21636	53.361	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 213.440%#		
36) 1,2-Dichloropropane-d6		9.274	67	6829	60.606	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 242.440%#		
41) Toluene-d8		10.323	98	15037	36.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 144.680%#		
43) trans-1,3-Dichloroprop...		10.579	79	1244	24.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.240%		
47) 2-Hexanone-d5		10.927	63	1686	78.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 156.420%#		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	3736	35.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 143.360%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	1408	27.233	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.920%		
Target Compounds							Qvalue
16) Methylene chloride		4.915	84	1604	6.787	ug/L	78
34) Trichloroethene		9.092	95	33938	272.792	ug/L	86
42) Toluene		10.384	91	998	1.938	ug/L	77
46) Tetrachloroethene		10.860	164	42261	370.967	ug/L	92

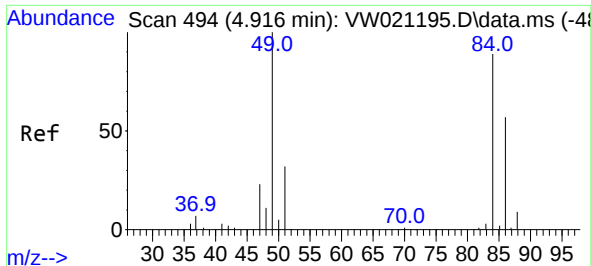
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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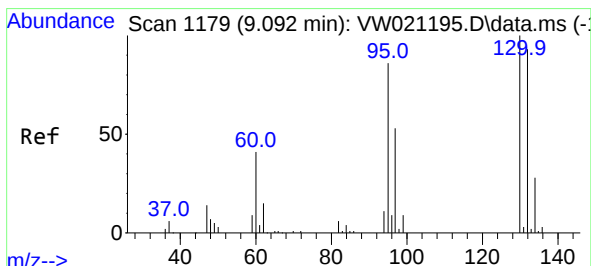
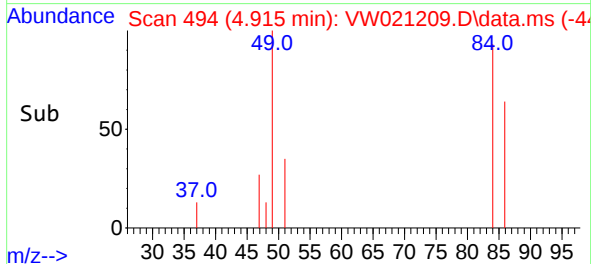
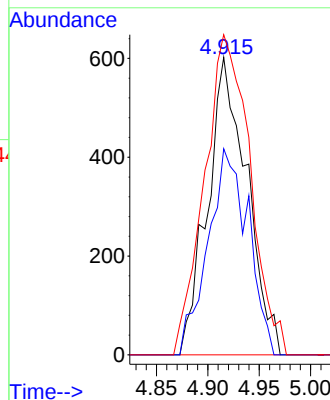
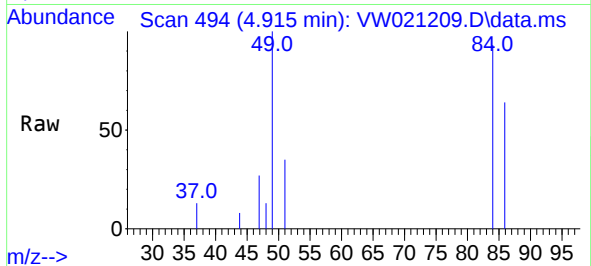




#16
Methylene chloride
Concen: 6.787 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

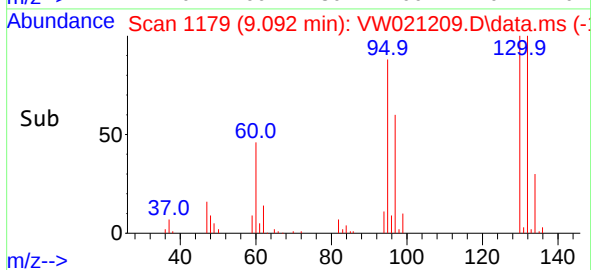
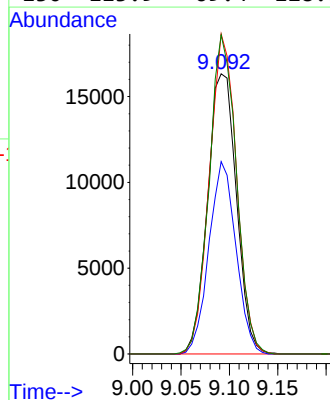
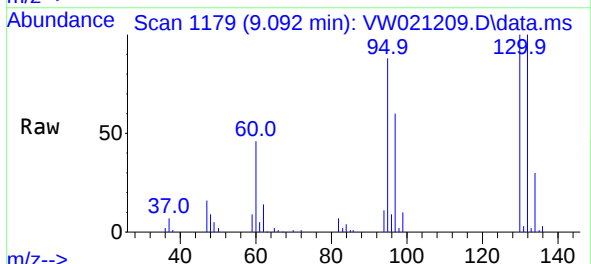
Instrument :
MSVOA_W
ClientSampleId :
EX8C5RE

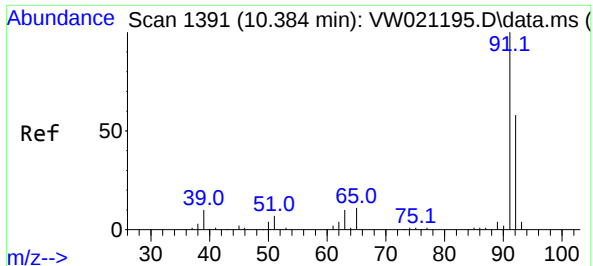
Tgt Ion: 84 Resp: 1604
Ion Ratio Lower Upper
84 100
86 69.3 45.5 84.5
49 107.6 100.5 186.7



#34
Trichloroethene
Concen: 272.792 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Tgt Ion: 95 Resp: 33938
Ion Ratio Lower Upper
95 100
97 68.7 47.0 87.2
132 114.2 65.5 121.6
130 113.9 69.4 128.8

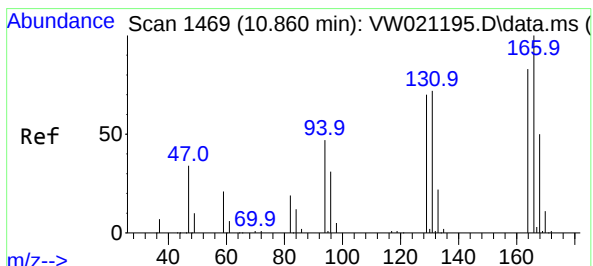
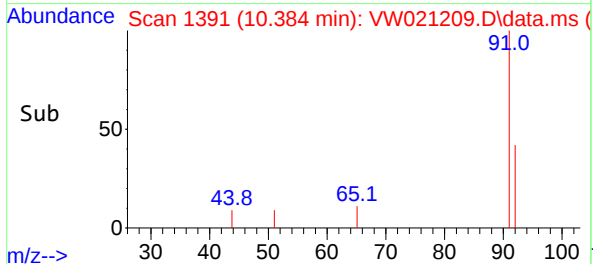
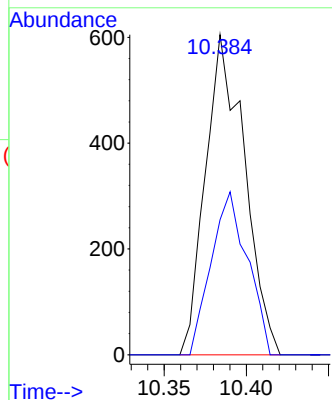
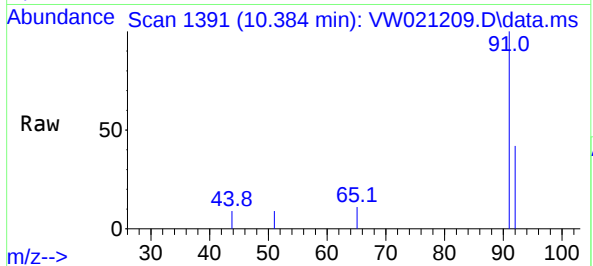




#42
Toluene
Concen: 1.938 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 91 Resp: 998
Ion Ratio Lower Upper
91 100
92 42.1 41.7 77.5



#46
Tetrachloroethene
Concen: 370.967 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021209.D
Acq: 07 Dec 2021 17:05

Tgt Ion:164 Resp: 42261
Ion Ratio Lower Upper
164 100
129 97.4 65.5 121.7
131 86.9 59.7 110.9
166 143.6 88.7 164.7

