

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021211.D
 Acq On : 07 Dec 2021 17:53
 Operator : SY/VA
 Sample : M4888-05RE
 Misc : 5.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B2RE

Quant Time: Dec 08 03:50:59 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)

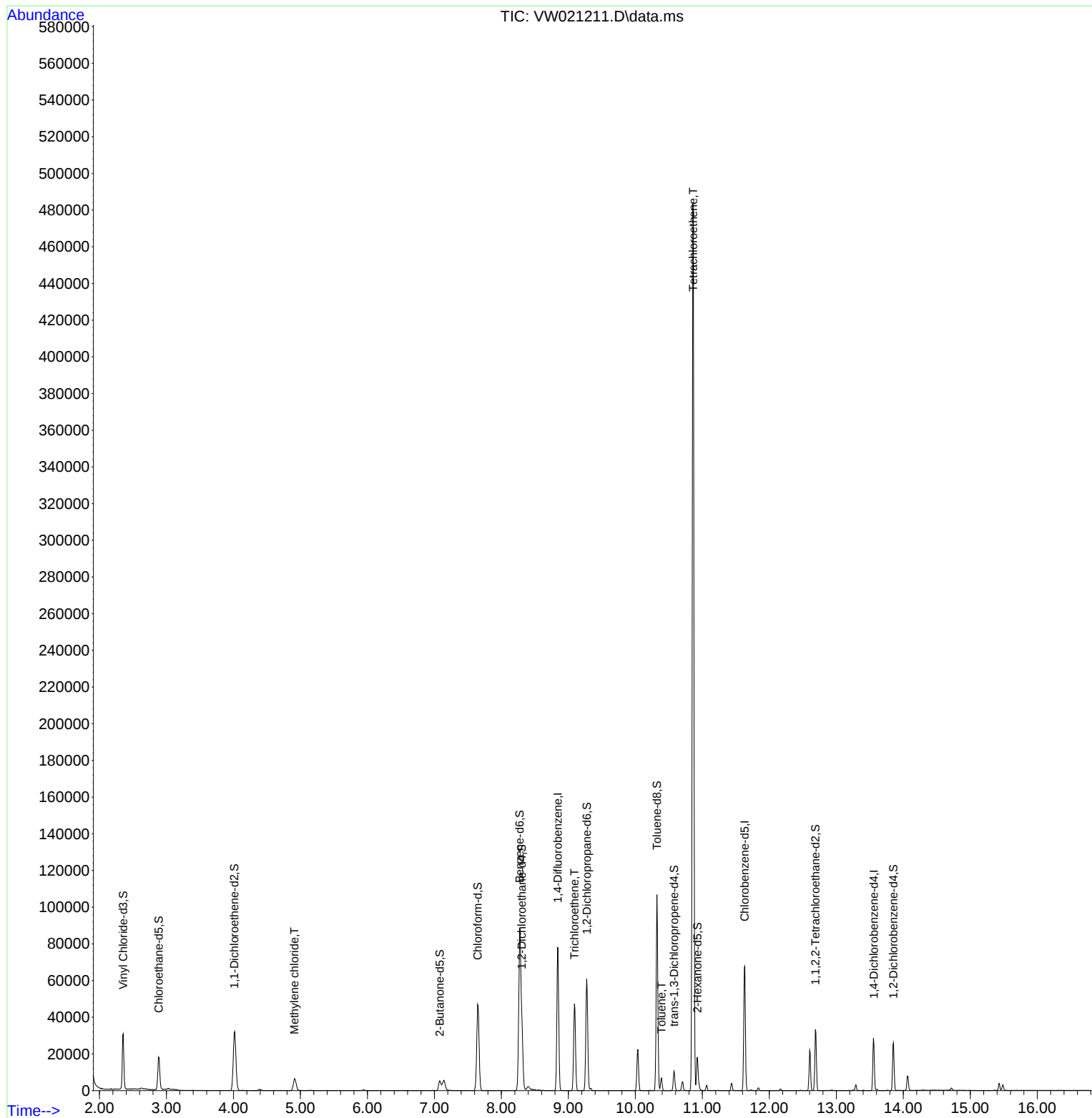
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	65861	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	38992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	7578	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	28337	30.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.520%	
7) Chloroethane-d5	2.885	69	20657	33.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.520%	
11) 1,1-Dichloroethene-d2	4.013	63	29969	20.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 81.760%	
21) 2-Butanone-d5	7.080	46	8500	40.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 81.220%	
24) Chloroform-d	7.647	84	46688	28.306	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.240%	
26) 1,2-Dichloroethane-d4	8.305	65	24834	27.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.080%	
32) Benzene-d6	8.275	84	86322	43.298	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 173.200%#	
36) 1,2-Dichloropropane-d6	9.274	67	25320	45.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 182.800%#	
41) Toluene-d8	10.323	98	65437	32.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 128.040%	
43) trans-1,3-Dichloroprop...	10.579	79	5630	22.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 89.520%	
47) 2-Hexanone-d5	10.927	63	5872	55.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.780%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	14667	28.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 114.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	6944	25.575	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.280%	
Target Compounds						
16) Methylene chloride	4.909	84	5024	4.842	ug/L	80
34) Trichloroethene	9.091	95	15467	25.284	ug/L	94
42) Toluene	10.390	91	4833	1.908	ug/L	97
46) Tetrachloroethene	10.866	164	111022	198.199	ug/L	96

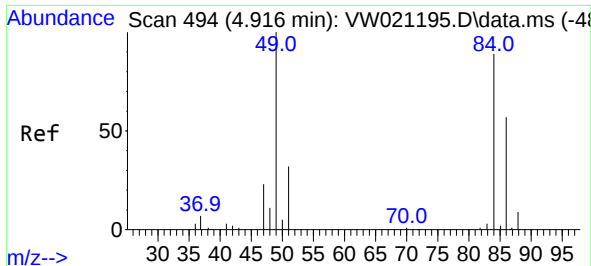
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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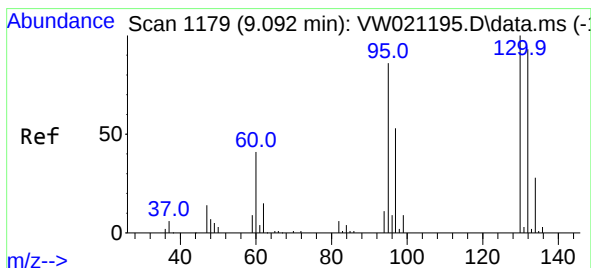
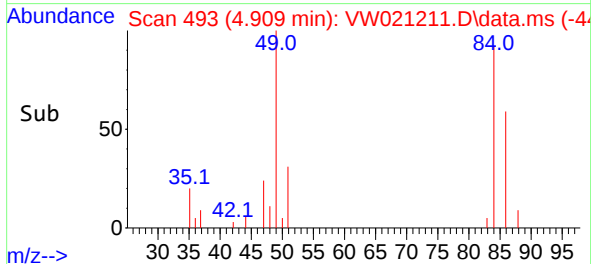
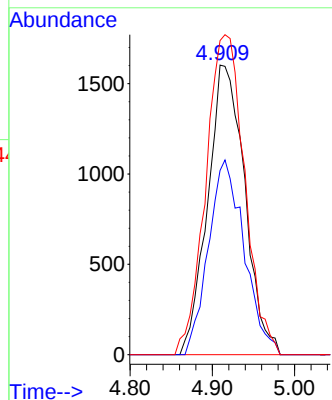
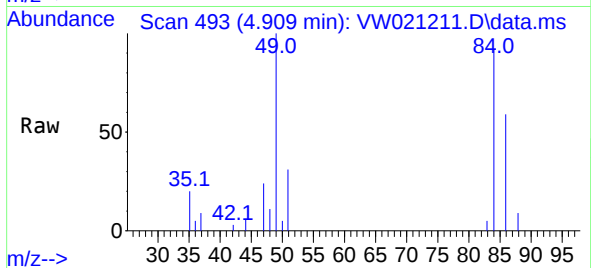




#16
Methylene chloride
Concen: 4.842 ug/L
RT: 4.909 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

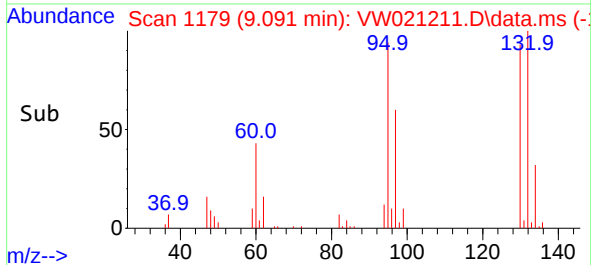
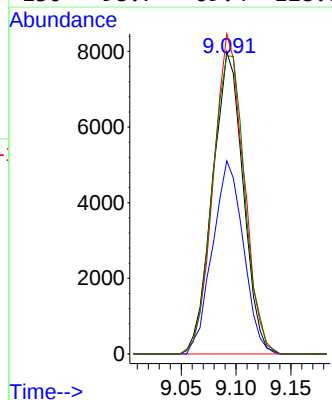
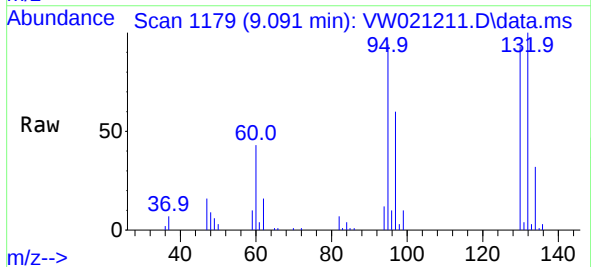
Instrument :
MSVOA_W
ClientSampleId :
EX8B2RE

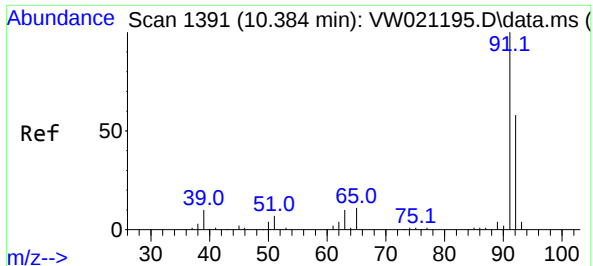
Tgt Ion: 84 Resp: 5024
Ion Ratio Lower Upper
84 100
86 63.6 45.5 84.5
49 108.4 100.5 186.7



#34
Trichloroethene
Concen: 25.284 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

Tgt Ion: 95 Resp: 15467
Ion Ratio Lower Upper
95 100
97 63.9 47.0 87.2
132 105.9 65.5 121.6
130 98.7 69.4 128.8

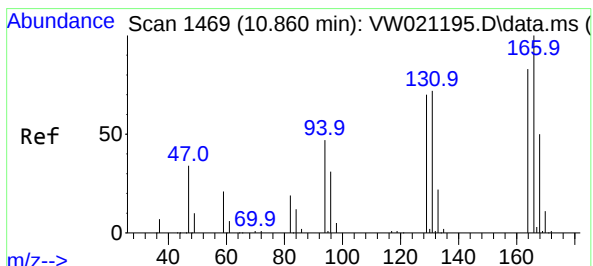
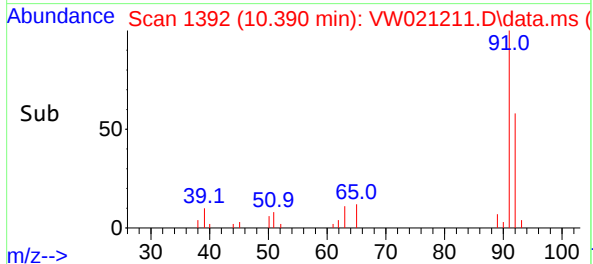
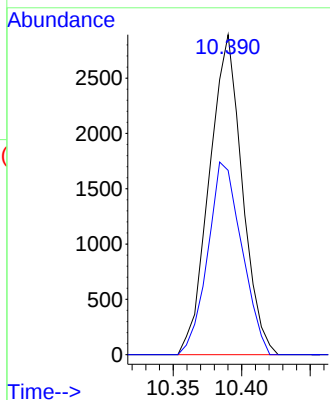
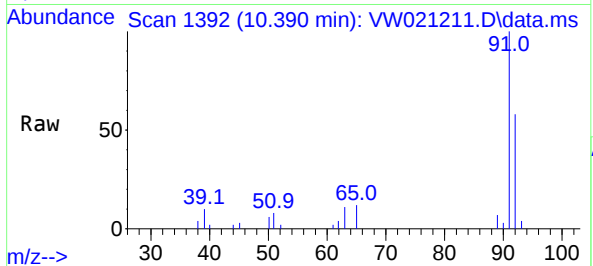




#42
Toluene
Concen: 1.908 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

Instrument :
MSVOA_W
ClientSampleId :
EX8B2RE

Tgt Ion: 91 Resp: 4833
Ion Ratio Lower Upper
91 100
92 57.6 41.7 77.5



#46
Tetrachloroethene
Concen: 198.199 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

Tgt Ion:164 Resp: 111022
Ion Ratio Lower Upper
164 100
129 83.6 65.5 121.7
131 83.9 59.7 110.9
166 125.8 88.7 164.7

