

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021400.D
 Acq On : 15 Dec 2021 19:30
 Operator : SY/VA
 Sample : M5101-20
 Misc : 7.09g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL44

Quant Time: Dec 16 01:01:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

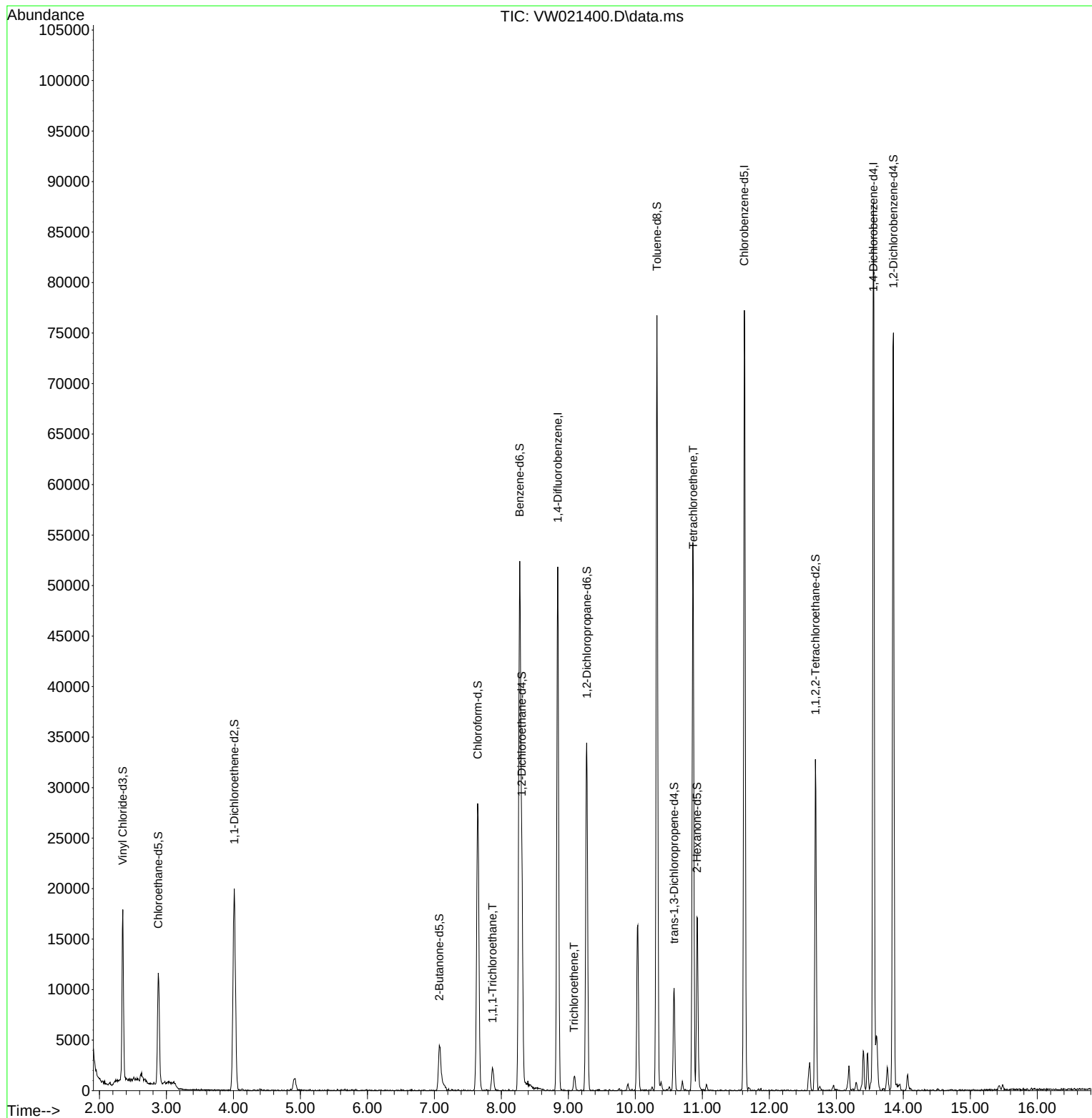
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	44239	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	44952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	15569	19.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.280%
7) Chloroethane-d5	2.879	69	11892	22.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	4.013	63	17978	16.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.960%
21) 2-Butanone-d5	7.074	46	7836	68.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.000%#
24) Chloroform-d	7.647	84	28333	22.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.305	65	15933	24.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.275	84	53071	21.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	9.274	67	14689	22.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.920%
41) Toluene-d8	10.323	98	48394	19.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.880%
43) trans-1,3-Dichloroprop...	10.579	79	5436	17.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.480%
47) 2-Hexanone-d5	10.920	63	6005	61.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.900%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	14286	25.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	20543	21.979	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%
Target Compounds						
					Qvalue	
30) 1,1,1-Trichloroethane	7.866	97	1910	1.894	ug/L	# 89
34) Trichloroethene	9.085	95	558	0.812	ug/L	# 74
46) Tetrachloroethene	10.866	164	12349	18.911	ug/L	91

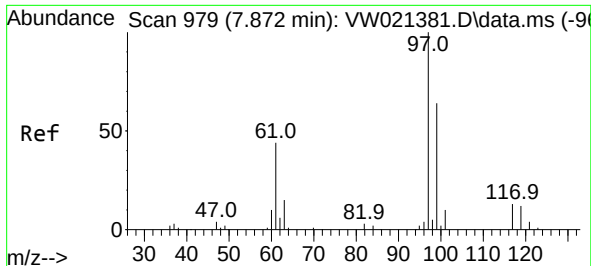
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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#30

1,1,1-Trichloroethane

Concen: 1.894 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW021400.D

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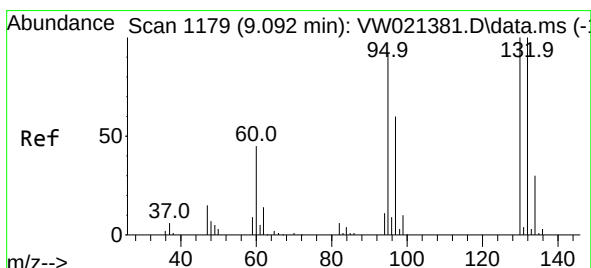
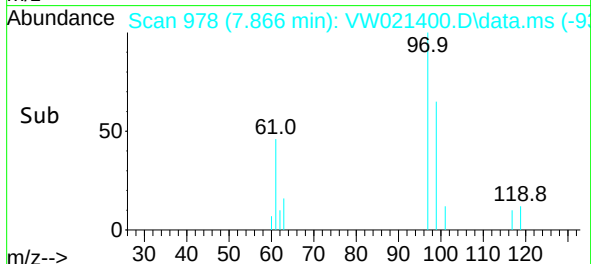
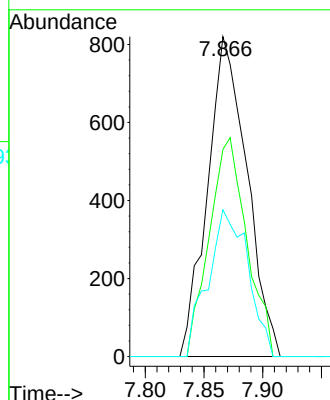
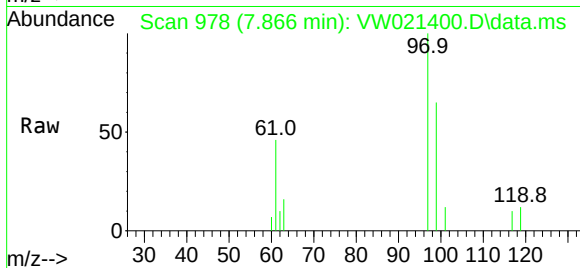
Tgt Ion: 97 Resp: 1910

Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 34.0 40.9 61.3#



#34

Trichloroethene

Concen: 0.812 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

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Acq: 15 Dec 2021 19:30

Tgt Ion: 95 Resp: 558

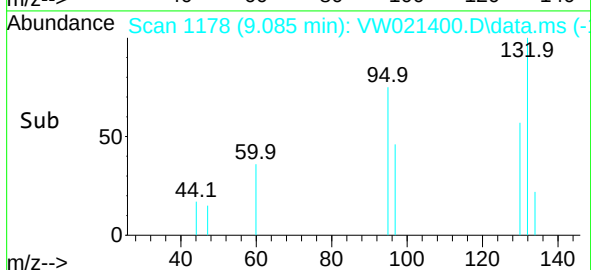
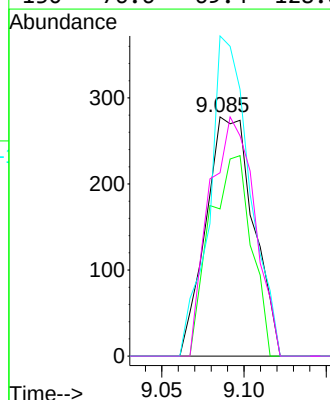
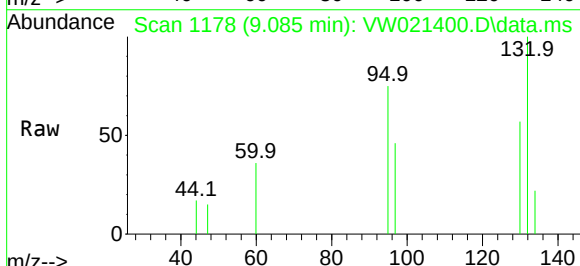
Ion Ratio Lower Upper

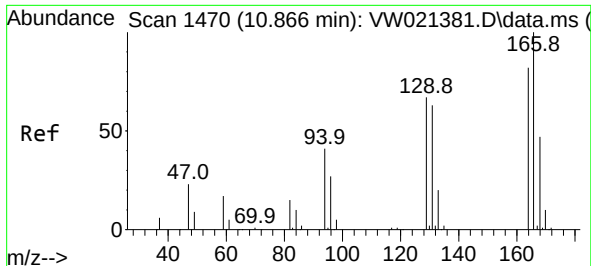
95 100

97 61.5 47.0 87.2

132 133.8 65.5 121.6#

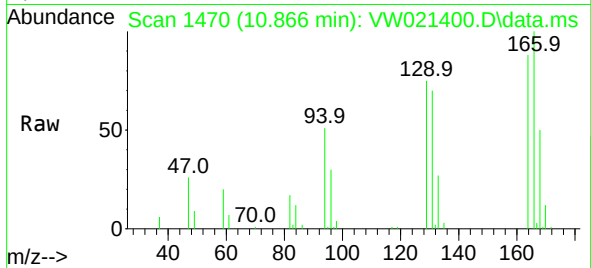
130 76.6 69.4 128.8





#46
 Tetrachloroethene
 Concen: 18.911 ug/L
 RT: 10.866 min Scan# 14
 Delta R.T. -0.000 min
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Tgt Ion:	164	Resp:	12349
Ion	Ratio	Lower	Upper
164	100		
129	85.9	65.5	121.7
131	80.1	59.7	110.9
166	113.9	88.7	164.7

