

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028456.D
 Acq On : 16 Apr 2024 16:49
 Operator : SY/MD
 Sample : P2144-06
 Misc : 5.75g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 17 05:38:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 17 05:34:21 2024
 Response via : Initial Calibration

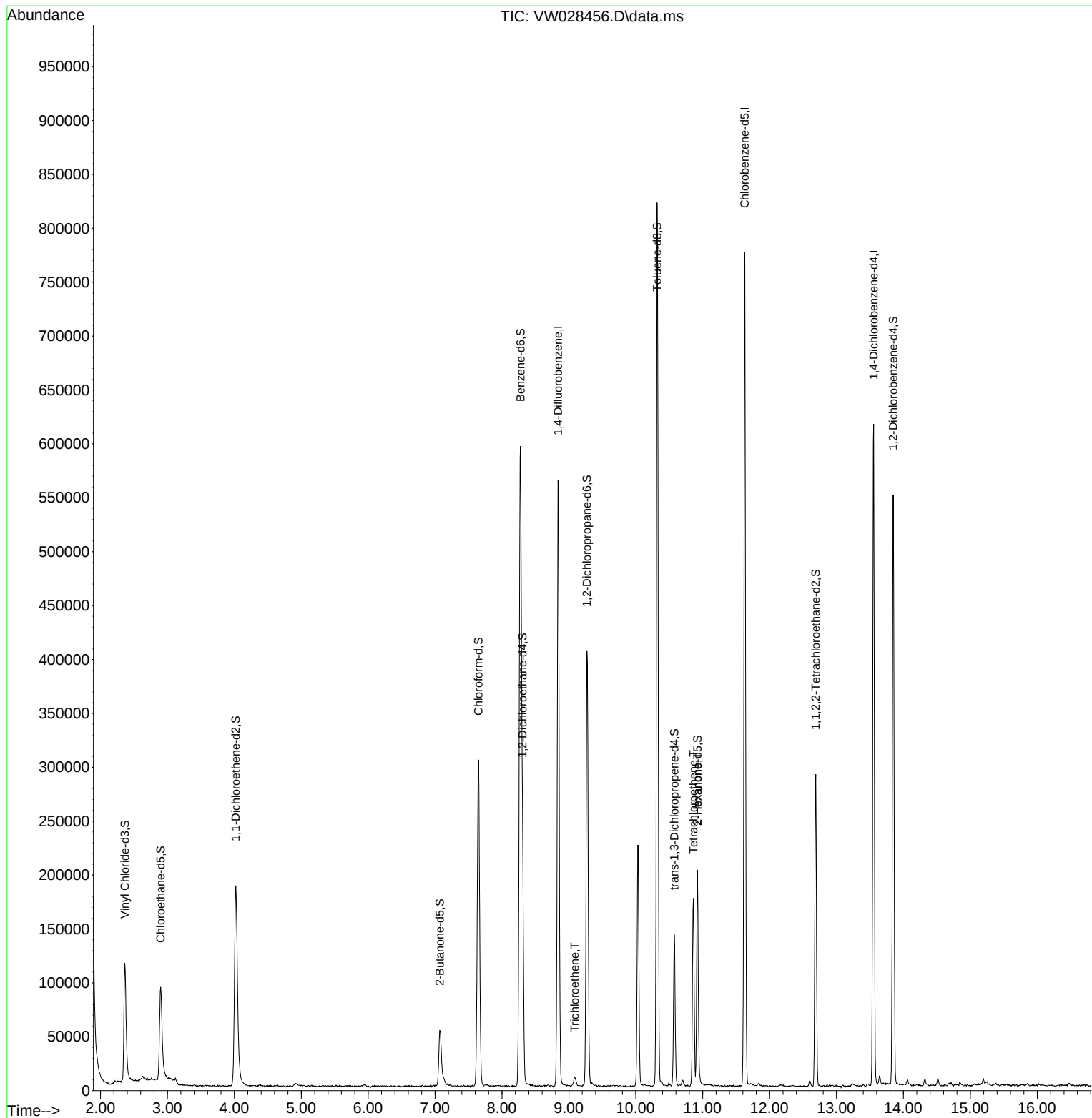
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	453739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	398201	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151759	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	160483	22.062	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	88.240%	
7) Chloroethane-d5	2.899	69	129210	23.436	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	93.760%	
11) 1,1-Dichloroethene-d2	4.021	65	71121	23.088	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	92.360%	
21) 2-Butanone-d5	7.069	46	92892	68.243	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	136.480%#	
24) Chloroform-d	7.648	84	298044	25.173	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	100.680%	
26) 1,2-Dichloroethane-d4	8.307	65	178030	28.934	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	115.720%	
32) Benzene-d6	8.276	84	587853	27.023	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	108.080%	
36) 1,2-Dichloropropane-d6	9.270	67	182161	28.172	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	112.680%	
41) Toluene-d8	10.319	98	519688	26.272	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	105.080%	
43) trans-1,3-Dichloroprop...	10.575	79	73524	28.597	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	114.400%	
47) 2-Hexanone-d5	10.922	63	64115	71.583	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	143.160%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142470	31.229	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	124.920%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	131966	27.496	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	110.000%	
Target Compounds						
					Qvalue	
34) Trichloroethene	9.087	95	2394	0.355	ug/L	91
46) Tetrachloroethene	10.861	164	37023	7.346	ug/L	92
48) 2-Hexanone	10.922	43	8591	3.332	ug/L #	73

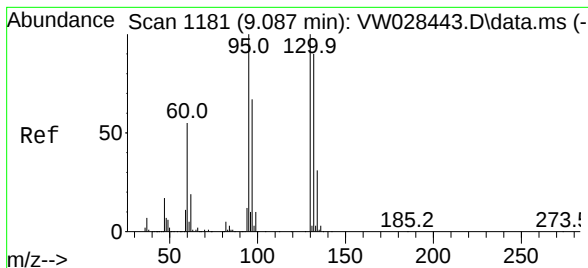
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.355 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

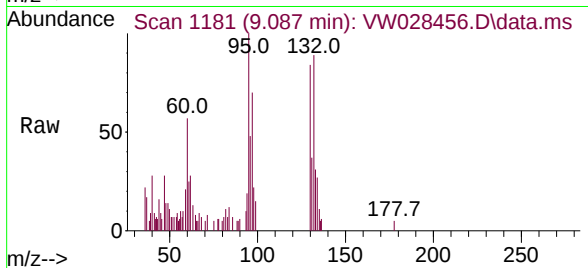
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Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 2394

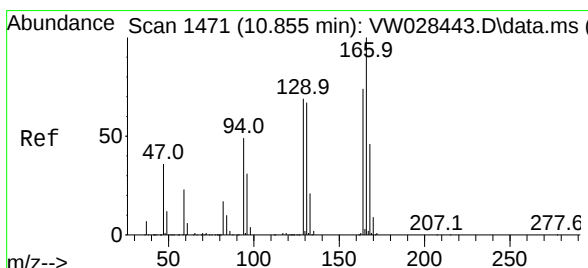
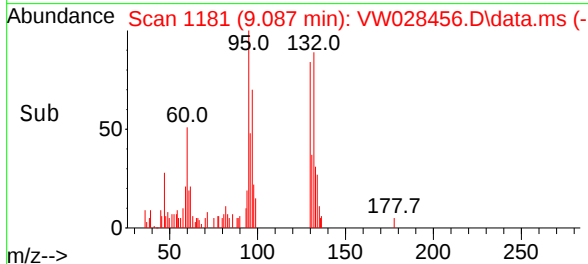
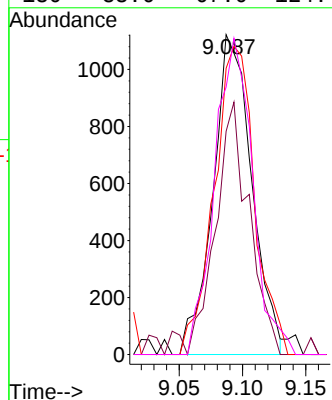
Ion Ratio Lower Upper

95 100

97 69.8 43.8 81.4

132 89.5 66.1 122.8

130 83.6 67.0 124.4



#46

Tetrachloroethene

Concen: 7.346 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

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Tgt Ion: 164 Resp: 37023

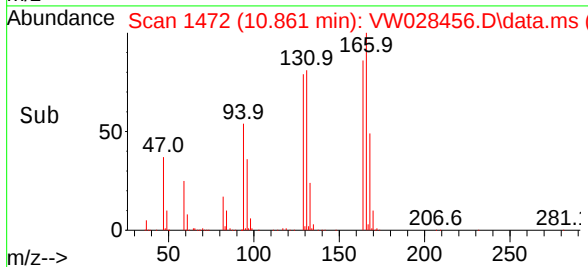
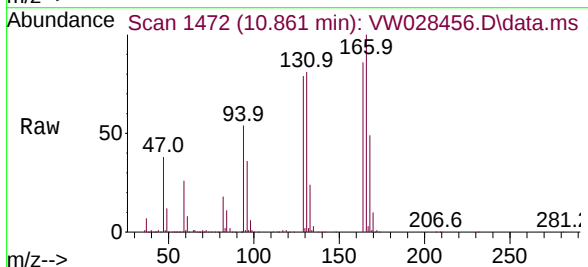
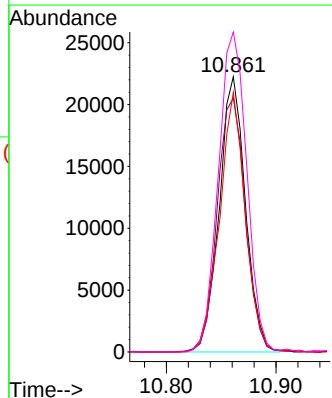
Ion Ratio Lower Upper

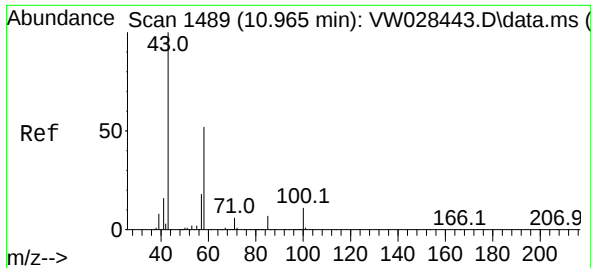
164 100

129 92.3 59.7 110.9

131 94.3 58.2 108.2

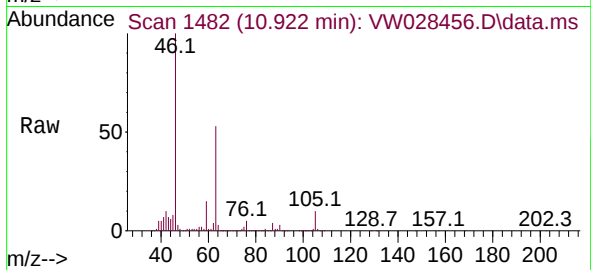
166 116.3 78.0 144.8





#48
 2-Hexanone
 Concen: 3.332 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.042 min
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Tgt Ion: 43	Resp:	8591
Ion	Ratio	Lower Upper
43	100	
58	28.8	38.9 58.3#
57	28.3	14.4 21.6#
100	1.4	8.7 13.1#

