

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026804.D
 Acq On : 22 Aug 2023 16:38
 Operator : SY/MD
 Sample : 04108-06
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 23 01:31:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

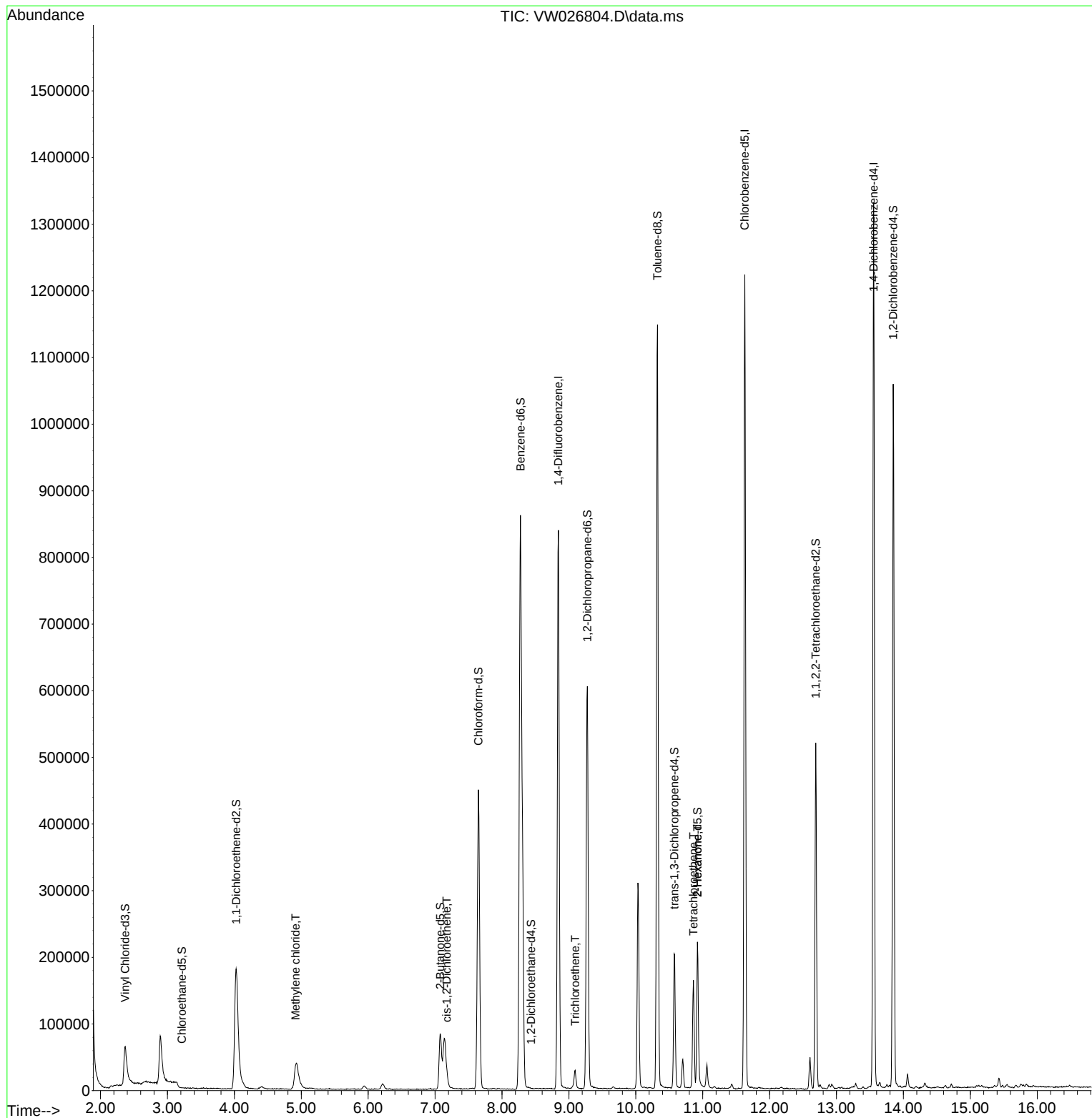
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	668036	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	342786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	125046	11.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.960%
7) Chloroethane-d5	3.216	69	151	0.018	ug/L	0.32
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.080%#
11) 1,1-Dichloroethene-d2	4.027	65	82333	15.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.200%
21) 2-Butanone-d5	7.075	46	145874	45.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.280%
24) Chloroform-d	7.648	84	445521	19.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.480%
26) 1,2-Dichloroethane-d4	8.435	65	205	0.016	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	855364	18.578	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.320%
36) 1,2-Dichloropropane-d6	9.276	67	288611	20.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.480%
41) Toluene-d8	10.325	98	727256	18.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	10.575	79	114044	19.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.040%
47) 2-Hexanone-d5	10.922	63	72104	47.848	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	261875	23.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	261357	21.302	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.200%
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	42423	3.242	ug/L	88
20) cis-1,2-Dichloroethene	7.173	96	8726	0.728	ug/L	99
34) Trichloroethene	9.093	95	8212	0.663	ug/L	92
46) Tetrachloroethene	10.861	164	35186	3.909	ug/L	98
48) 2-Hexanone	10.922	43	10648	1.805	ug/L #	66

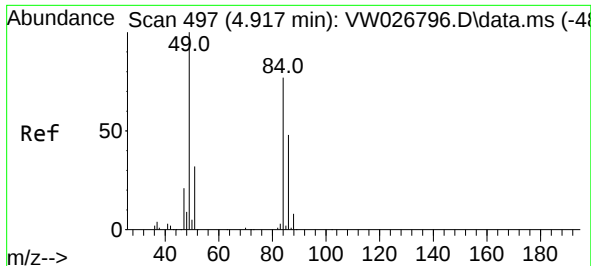
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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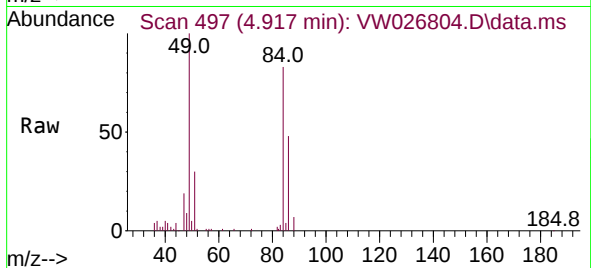
Quant Time: Aug 23 01:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration



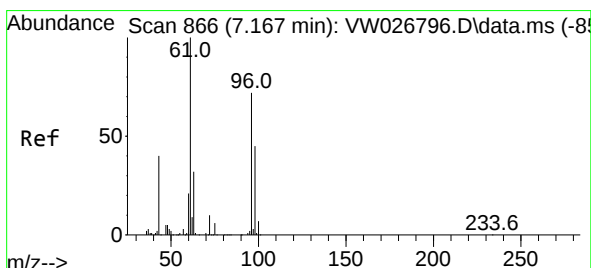
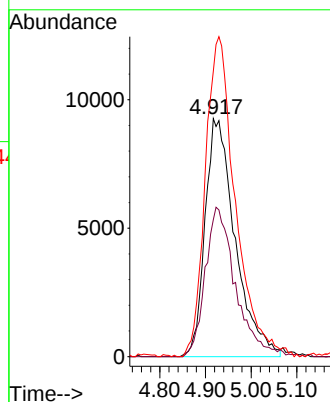
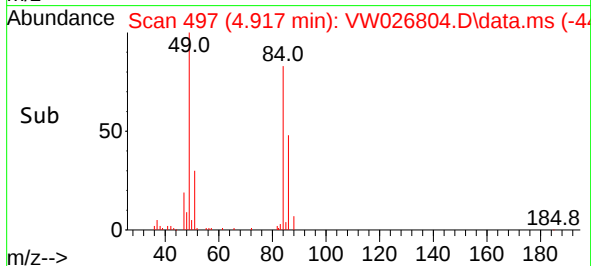


#16
Methylene chloride
Concen: 3.242 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026804.D
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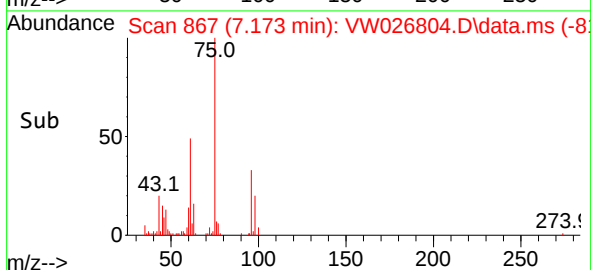
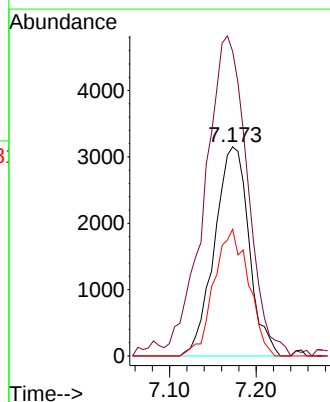
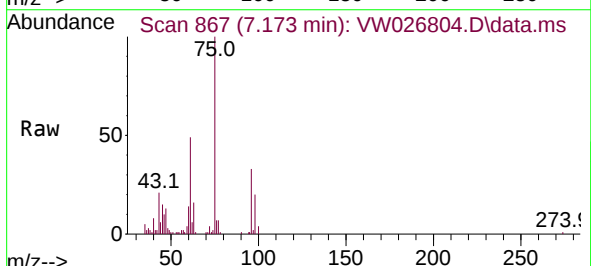


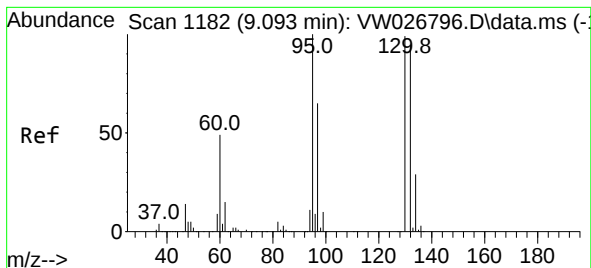
Tgt Ion: 84 Resp: 42423
Ion Ratio Lower Upper
84 100
86 57.6 43.5 80.9
49 119.9 96.0 178.2



#20
cis-1,2-Dichloroethene
Concen: 0.728 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026804.D
Acq: 22 Aug 2023 16:38

Tgt Ion: 96 Resp: 8726
Ion Ratio Lower Upper
96 100
61 145.6 101.2 188.0
98 60.6 43.8 81.3





#34

Trichloroethene

Concen: 0.663 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

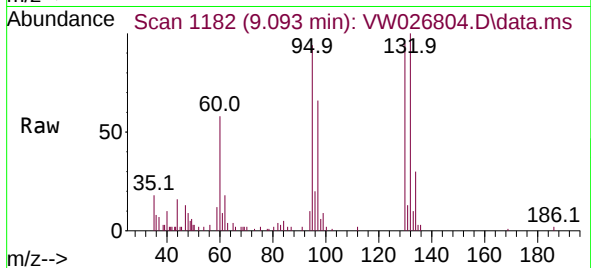
Lab File: VW026804.D

Acq: 22 Aug 2023 16:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 8212

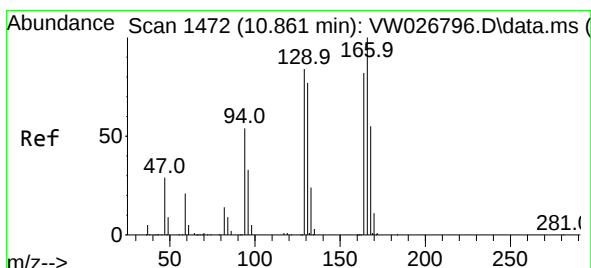
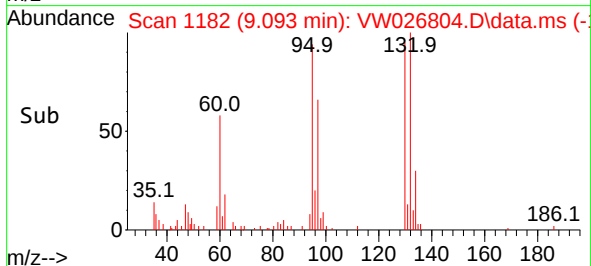
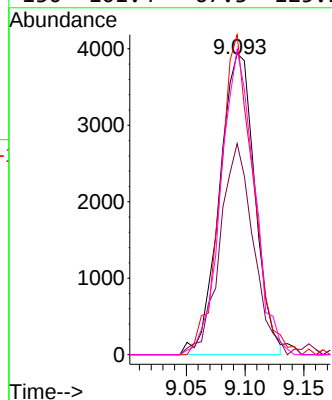
Ion Ratio Lower Upper

95 100

97 70.1 44.6 82.8

132 106.2 66.4 123.2

130 101.4 67.3 125.1



#46

Tetrachloroethene

Concen: 3.909 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026804.D

Acq: 22 Aug 2023 16:38

Tgt Ion: 164 Resp: 35186

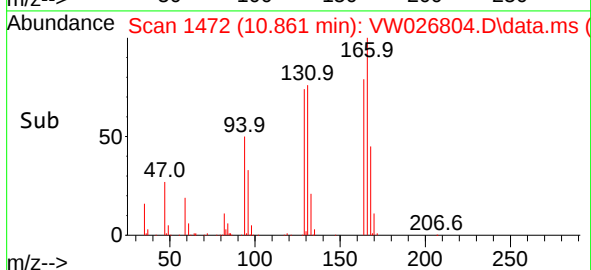
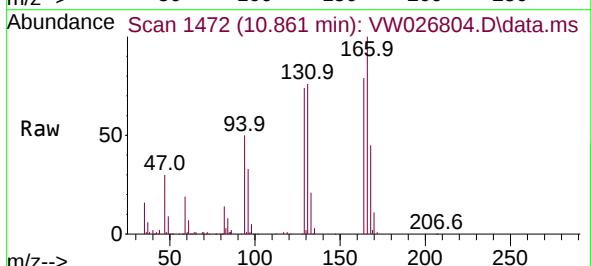
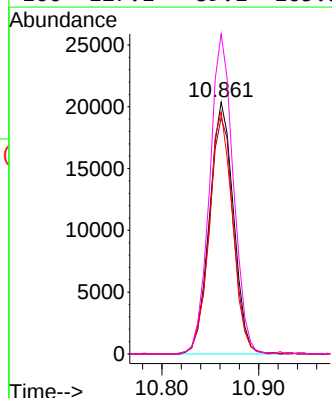
Ion Ratio Lower Upper

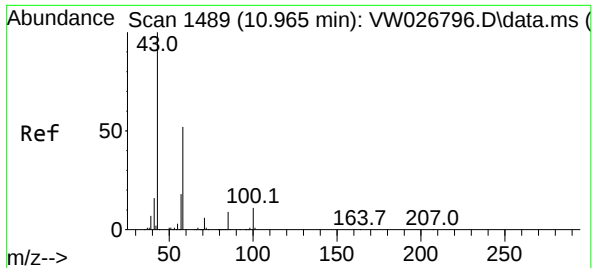
164 100

129 93.8 68.1 126.5

131 96.2 65.5 121.7

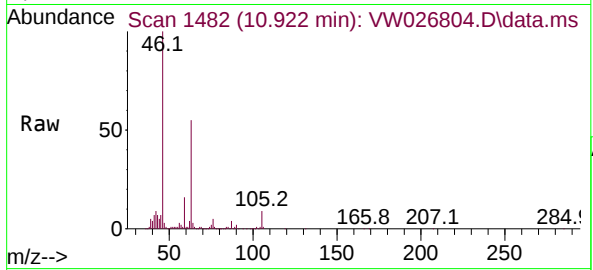
166 127.1 89.1 165.5





#48
 2-Hexanone
 Concen: 1.805 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW026804.D
 Acq: 22 Aug 2023 16:38

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 10648
Ion Ratio	Lower Upper
43	100
58	23.8 41.1 61.7#
57	28.7 14.3 21.5#
100	3.2 8.8 13.2#

