

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025990.D
 Acq On : 18 May 2023 13:12
 Operator : SY/MD
 Sample : 02841-05
 Misc : 6.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11F5

Quant Time: May 19 04:38:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 19 04:36:54 2023
 Response via : Initial Calibration

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

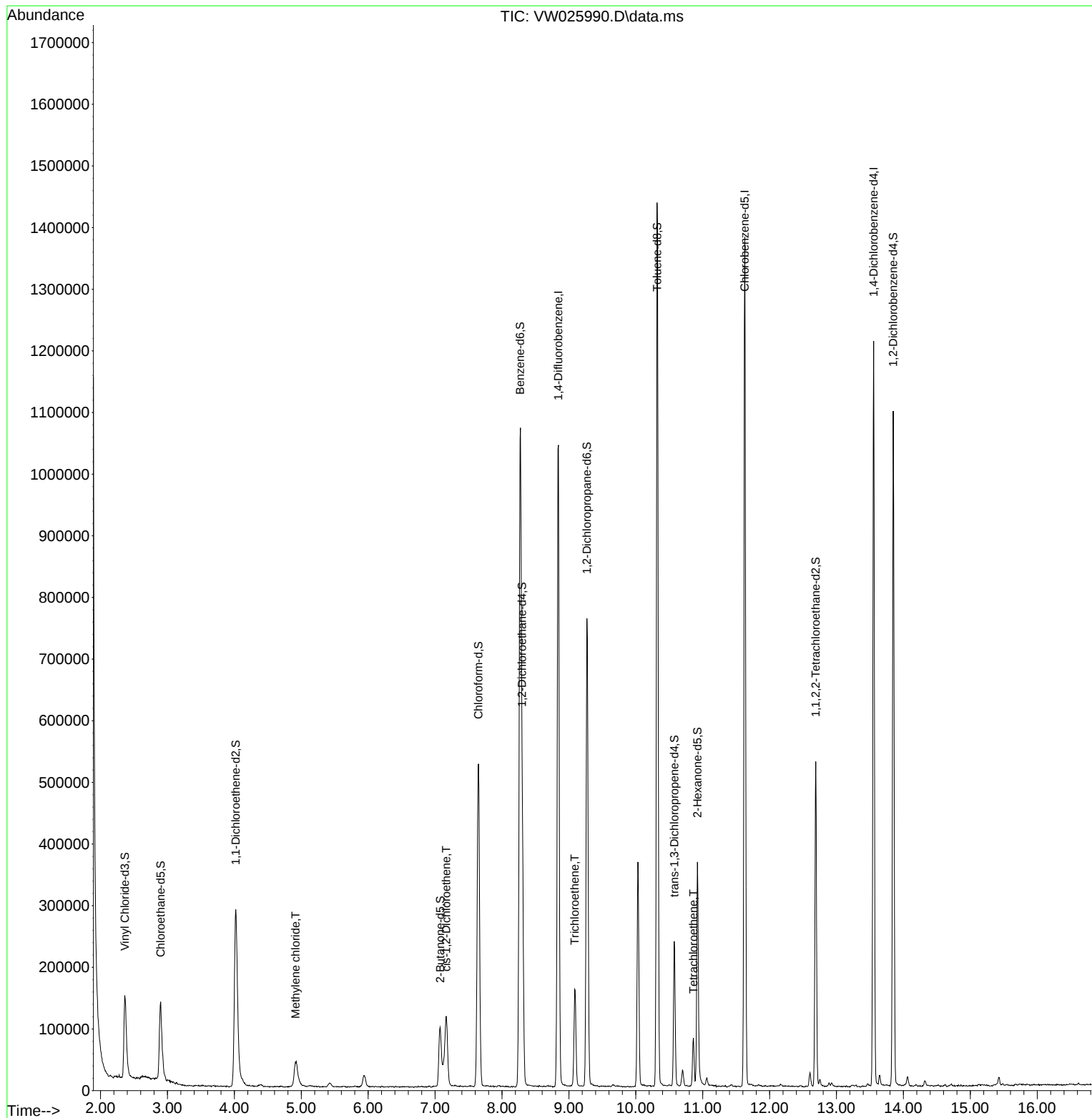
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	832048	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	723224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293614	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	225868	19.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.640%
7) Chloroethane-d5	2.899	69	192030	21.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.880%
11) 1,1-Dichloroethene-d2	4.021	65	116860	19.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.160%
21) 2-Butanone-d5	7.075	46	173611	44.540	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.080%
24) Chloroform-d	7.648	84	530412	22.108	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.301	65	296431	21.849	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	8.270	84	1072818	22.702	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	9.270	67	357103	23.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	10.319	98	914376	21.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	10.575	79	124777	20.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.440%
47) 2-Hexanone-d5	10.922	63	118328	45.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	267536	23.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	256621	23.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.920%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.917	84	37649	2.194	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	60395	4.637	ug/L	95
34) Trichloroethene	9.087	95	56754	4.420	ug/L	94
46) Tetrachloroethene	10.861	164	16357	1.811	ug/L	86

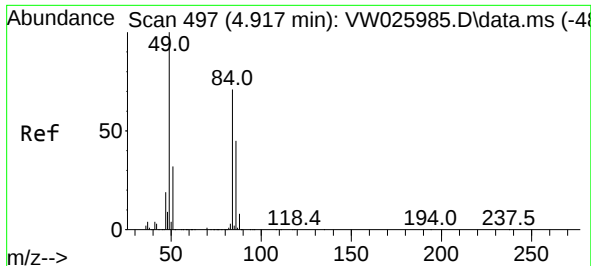
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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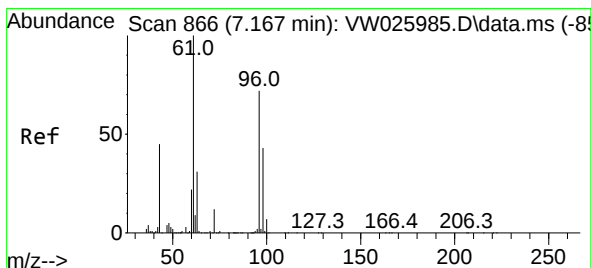
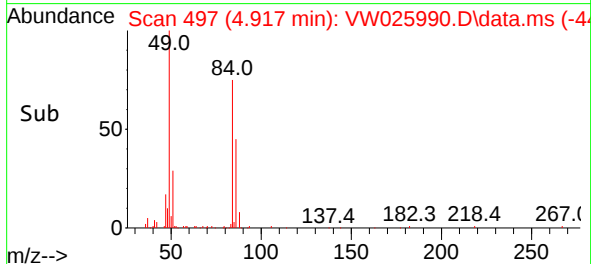
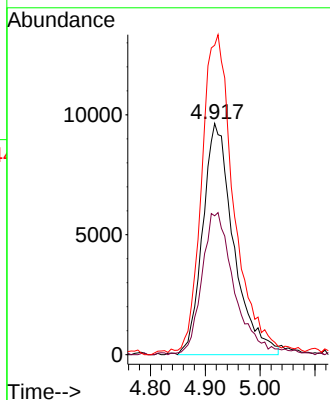
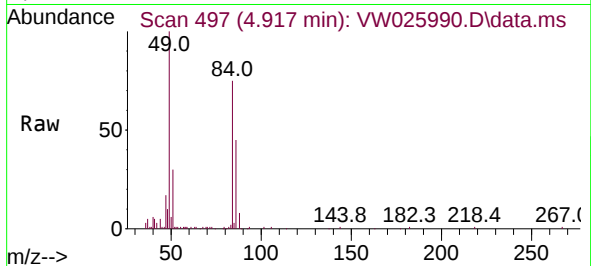




#16
Methylene chloride
Concen: 2.194 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025990.D
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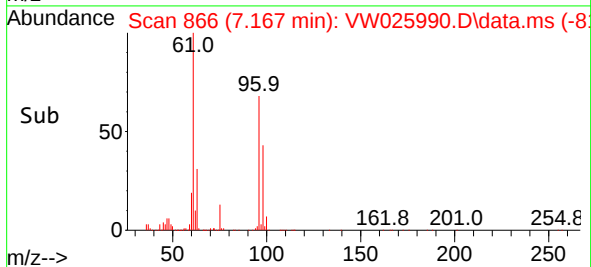
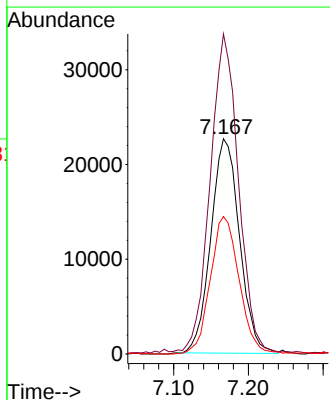
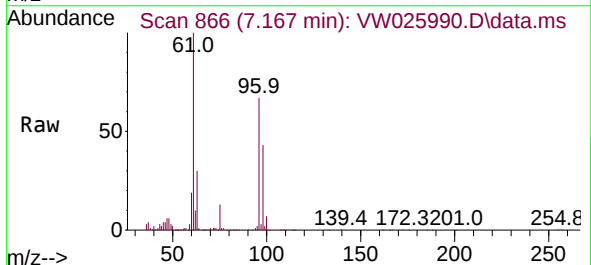
Instrument :
MSVOA_W
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C11F5

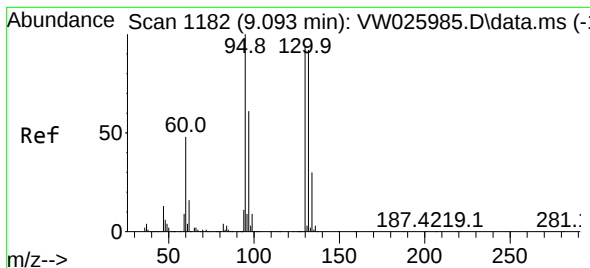
Tgt Ion: 84 Resp: 37649
Ion Ratio Lower Upper
84 100
86 60.1 41.7 77.5
49 133.8 95.3 177.1



#20
cis-1,2-Dichloroethene
Concen: 4.637 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025990.D
Acq: 18 May 2023 13:12

Tgt Ion: 96 Resp: 60395
Ion Ratio Lower Upper
96 100
61 148.7 98.6 183.0
98 63.9 45.2 84.0





#34

Trichloroethene

Concen: 4.420 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW025990.D

Acq: 18 May 2023 13:12

Instrument :

MSVOA_W

ClientSampleId :

C11F5

Tgt Ion: 95 Resp: 56754

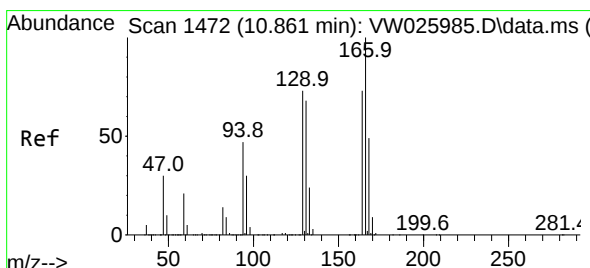
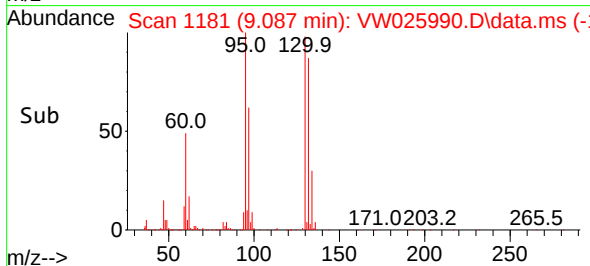
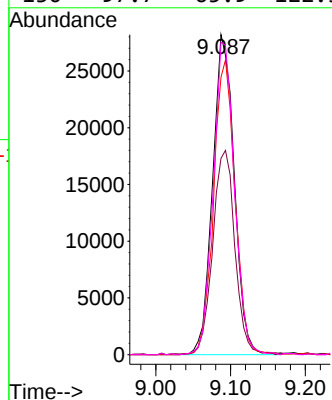
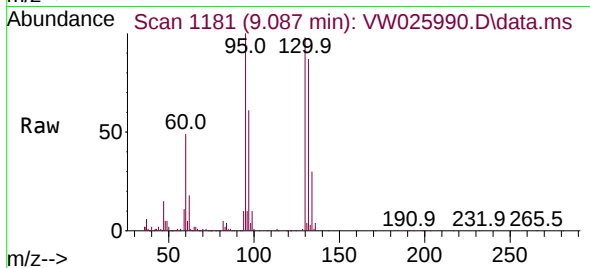
Ion Ratio Lower Upper

95 100

97 61.3 45.9 85.3

132 86.7 66.0 122.6

130 97.7 65.9 122.3



#46

Tetrachloroethene

Concen: 1.811 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025990.D

Acq: 18 May 2023 13:12

Tgt Ion:164 Resp: 16357

Ion Ratio Lower Upper

164 100

129 85.4 74.3 138.1

131 92.1 71.3 132.3

166 115.0 91.5 169.9

