

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025993.D
 Acq On : 18 May 2023 14:23
 Operator : SY/MD
 Sample : 02841-06
 Misc : 4.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11F6

Quant Time: May 19 04:38:54 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)

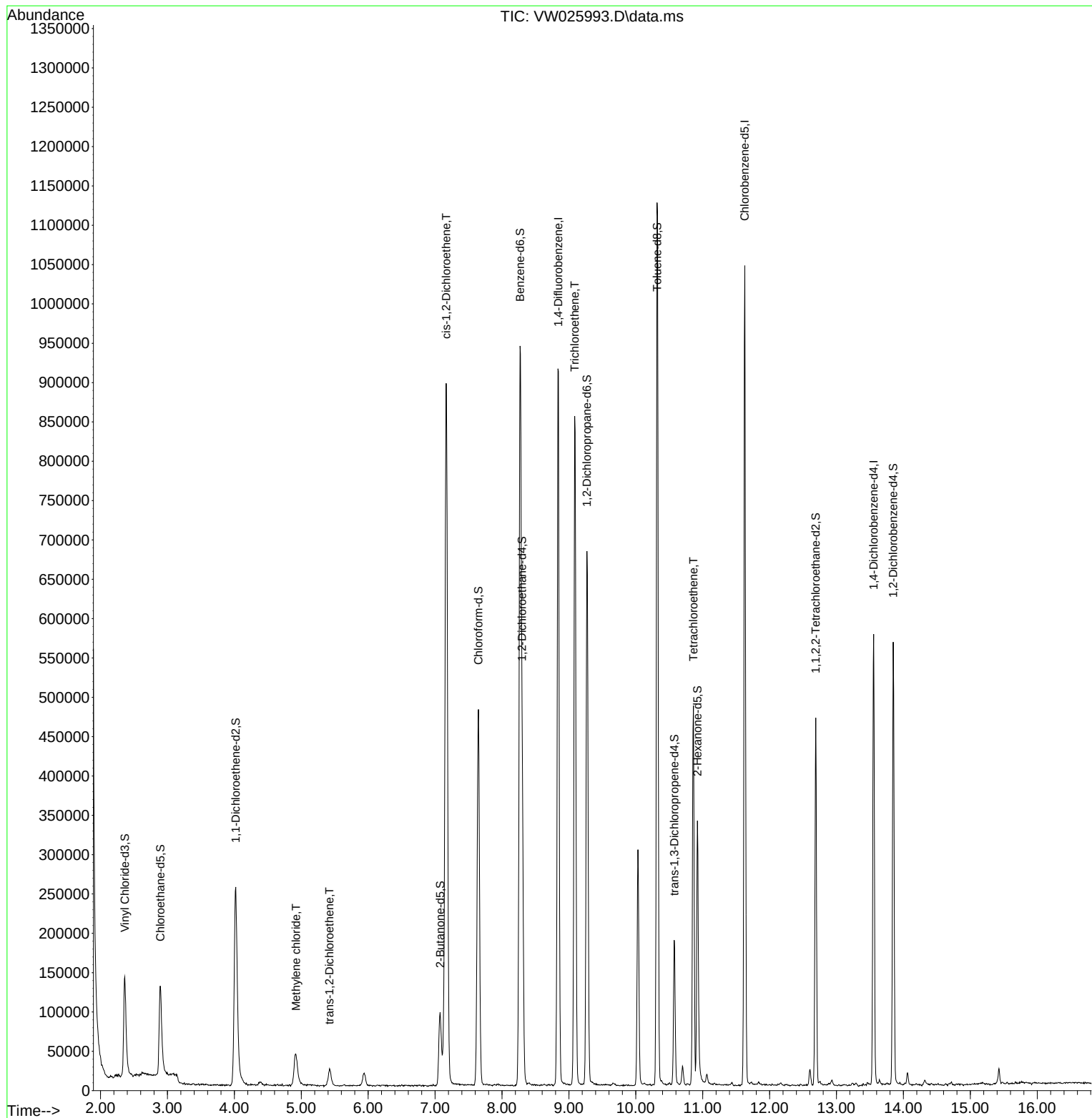
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	726209	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	522250	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	202299	19.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.640%		
7) Chloroethane-d5	2.893	69	174828	22.915	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.680%		
11) 1,1-Dichloroethene-d2	4.021	65	98892	19.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.760%		
21) 2-Butanone-d5	7.075	46	162073	47.640	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.280%		
24) Chloroform-d	7.648	84	481744	23.006	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.040%		
26) 1,2-Dichloroethane-d4	8.301	65	269468	22.757	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.040%		
32) Benzene-d6	8.270	84	942886	27.630	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.520%		
36) 1,2-Dichloropropane-d6	9.270	67	321266	29.424	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.680%		
41) Toluene-d8	10.319	98	736861	24.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.880%		
43) trans-1,3-Dichloroprop...	10.575	79	98408	22.235	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.960%		
47) 2-Hexanone-d5	10.922	63	109576	58.855	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.700%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231645	27.836	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	136722	26.252	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.000%		
Target Compounds						
16) Methylene chloride	4.923	84	36439	2.433	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	12458	1.176	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	508757	44.756	ug/L	97
34) Trichloroethene	9.087	95	304913	32.886	ug/L	97
46) Tetrachloroethene	10.861	164	102443	15.705	ug/L	97

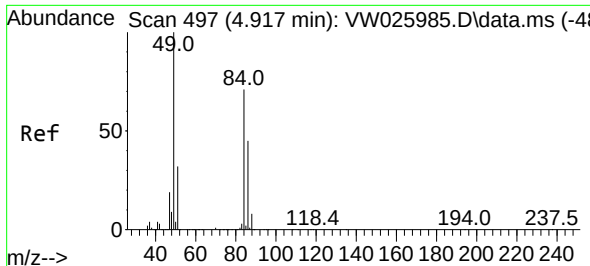
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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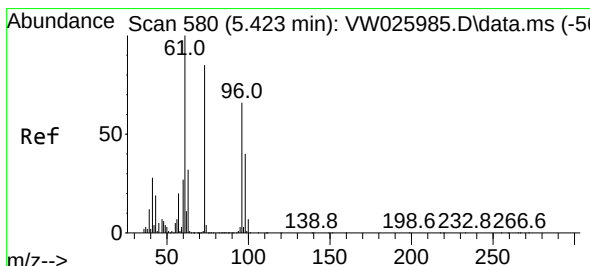
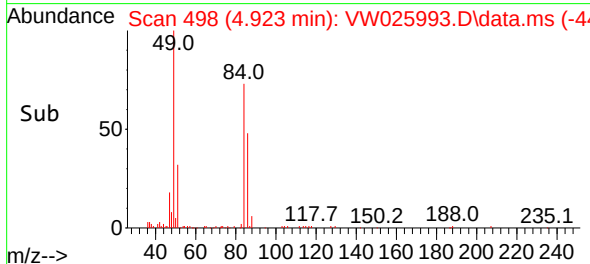
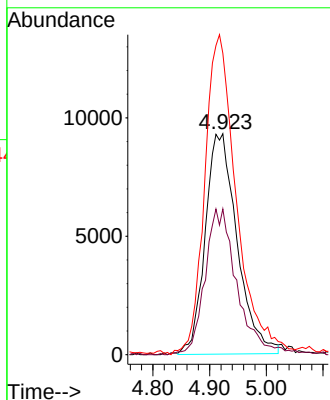
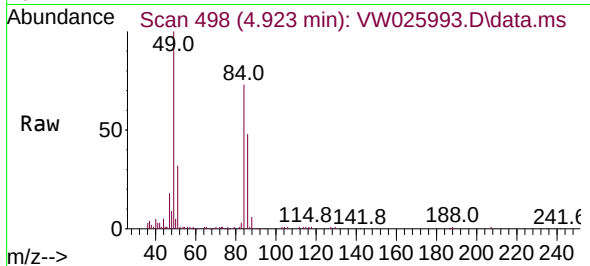




#16
Methylene chloride
Concen: 2.433 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW025993.D
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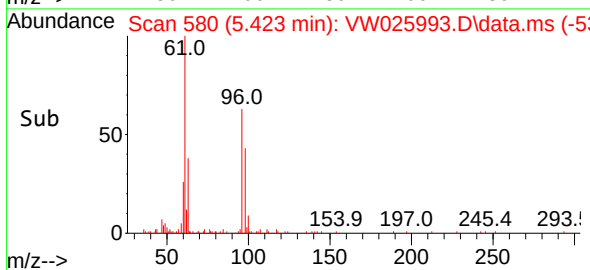
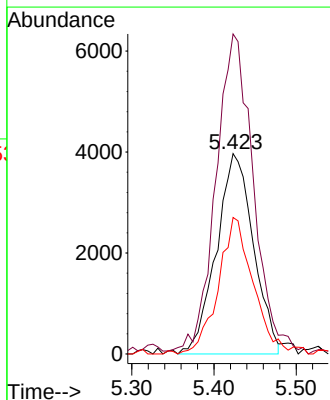
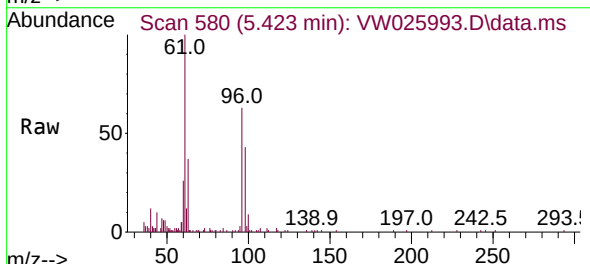
Instrument :
MSVOA_W
ClientSampleId :
C11F6

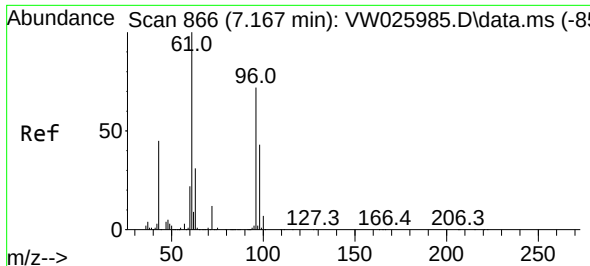
Tgt Ion: 84 Resp: 36439
Ion Ratio Lower Upper
84 100
86 66.0 41.7 77.5
49 136.4 95.3 177.1



#17
trans-1,2-Dichloroethene
Concen: 1.176 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025993.D
Acq: 18 May 2023 14:23

Tgt Ion: 96 Resp: 12458
Ion Ratio Lower Upper
96 100
61 159.8 108.1 200.9
98 68.1 44.0 81.8

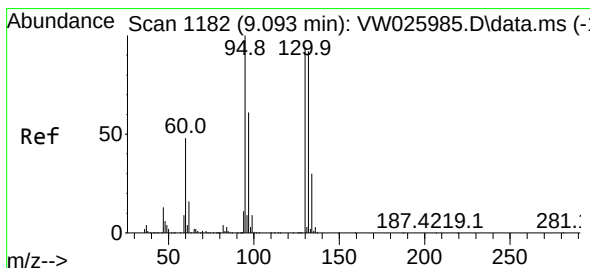
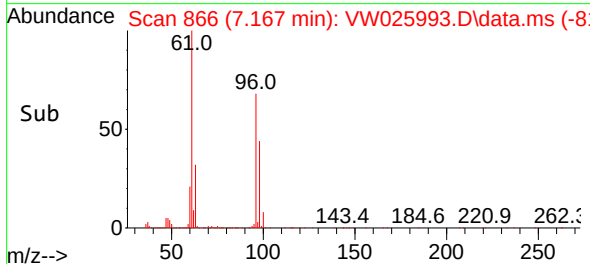
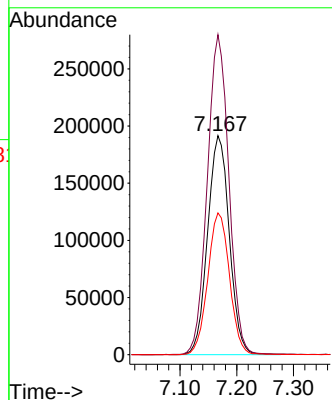
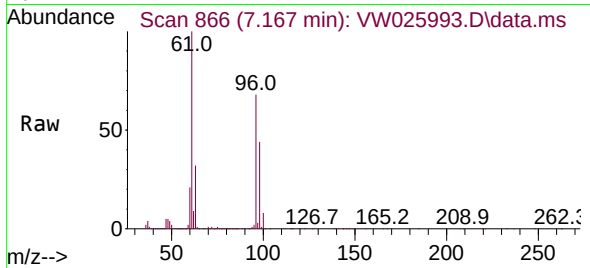




#20
 cis-1,2-Dichloroethene
 Concen: 44.756 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW025993.D
 Acq: 18 May 2023 14:23

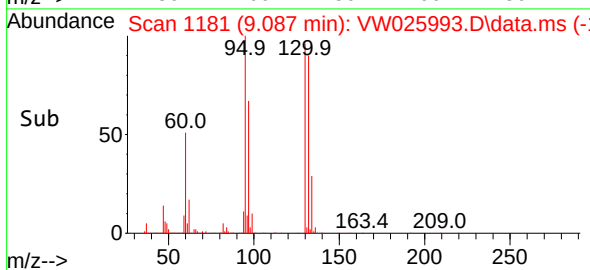
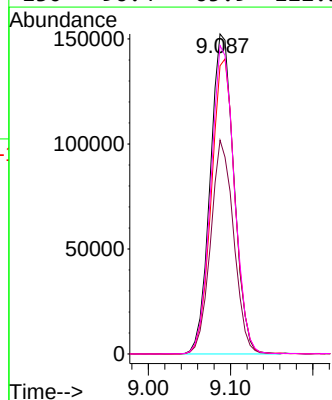
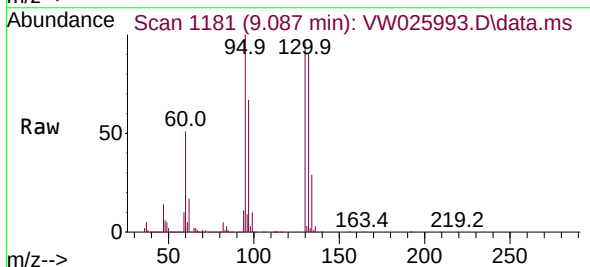
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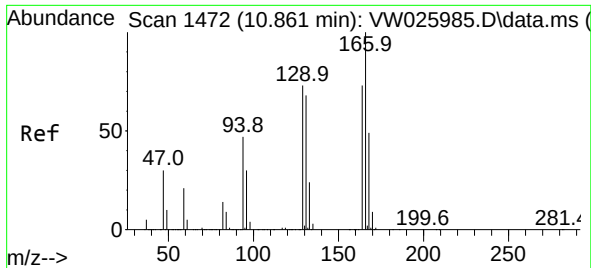
Tgt Ion: 96 Resp: 508757
 Ion Ratio Lower Upper
 96 100
 61 146.0 98.6 183.0
 98 64.7 45.2 84.0



#34
 Trichloroethene
 Concen: 32.886 ug/L
 RT: 9.087 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: VW025993.D
 Acq: 18 May 2023 14:23

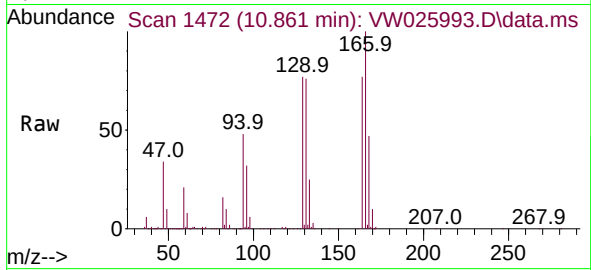
Tgt Ion: 95 Resp: 304913
 Ion Ratio Lower Upper
 95 100
 97 66.8 45.9 85.3
 132 90.0 66.0 122.6
 130 96.4 65.9 122.3





#46
Tetrachloroethene
Concen: 15.705 ug/L
RT: 10.861 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW025993.D
Acq: 18 May 2023 14:23

Instrument :
MSVOA_W
ClientSampleId :
C11F6



Tgt Ion:	164	Resp:	102443
Ion	Ratio	Lower	Upper
164	100		
129	99.9	74.3	138.1
131	98.7	71.3	132.3
166	129.3	91.5	169.9

