

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025994.D
 Acq On : 18 May 2023 15:28
 Operator : SY/MD
 Sample : 02841-06
 Misc : 4.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11F6

Quant Time: May 19 04:39:09 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)

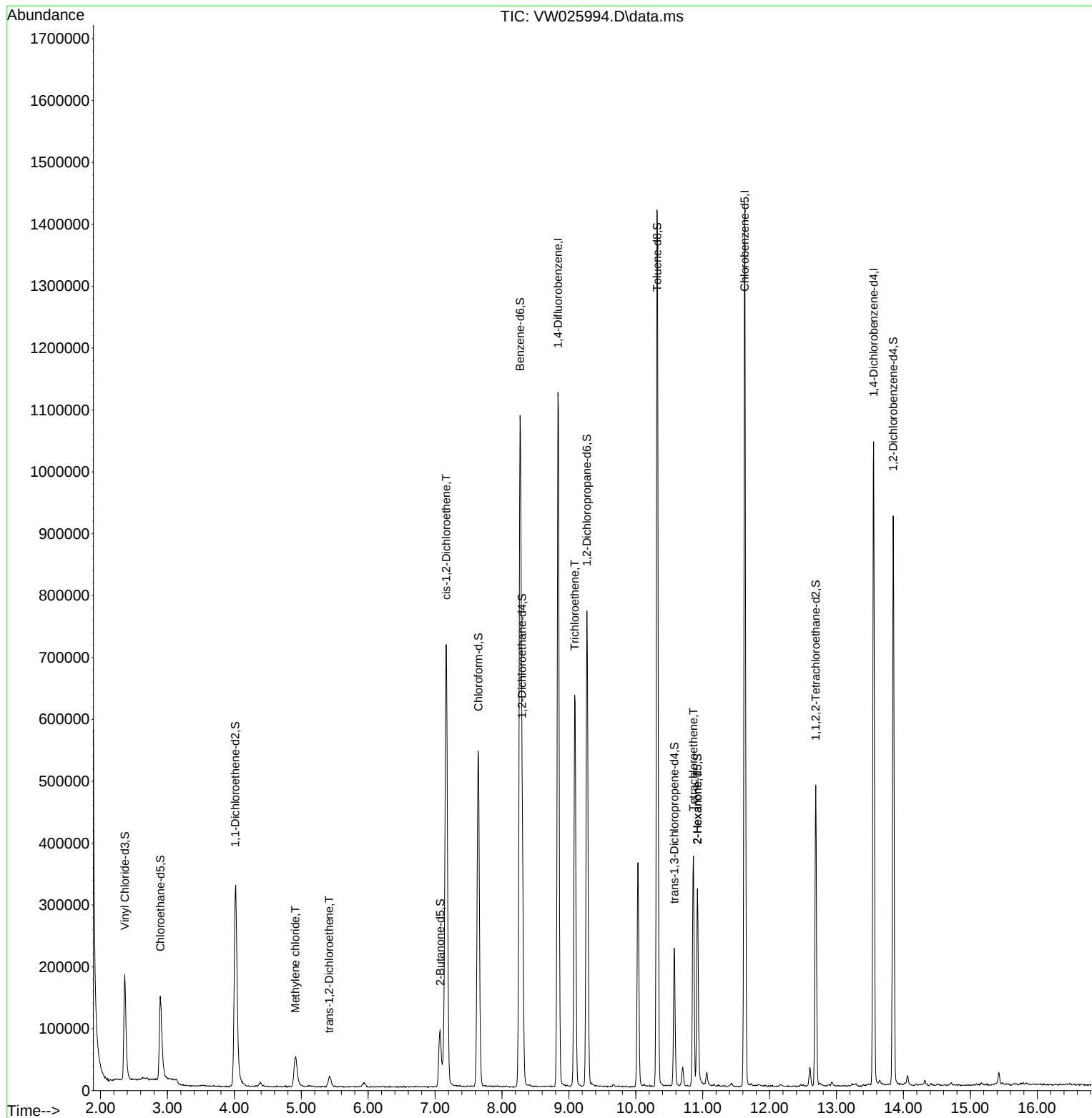
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	894624	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	735101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260528	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	238316	18.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.200%
7) Chloroethane-d5	2.893	69	202547	21.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.015	65	121318	19.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.440%
21) 2-Butanone-d5	7.075	46	161003	38.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.840%
24) Chloroform-d	7.648	84	542598	21.034	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.120%
26) 1,2-Dichloroethane-d4	8.301	65	292764	20.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.280%
32) Benzene-d6	8.270	84	1081910	22.524	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	9.270	67	357134	23.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	10.318	98	901866	21.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.575	79	120151	19.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.160%
47) 2-Hexanone-d5	10.922	63	106424	40.610	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	246677	21.059	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	215716	22.713	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.840%
Target Compounds						Qvalue
16) Methylene chloride	4.911	84	39545	2.143	ug/L	97
17) trans-1,2-Dichloroethene	5.417	96	10413	0.798	ug/L	89
20) cis-1,2-Dichloroethene	7.167	96	409116	29.215	ug/L	98
34) Trichloroethene	9.087	95	224172	17.177	ug/L	96
46) Tetrachloroethene	10.861	164	78035	8.499	ug/L	94
48) 2-Hexanone	10.922	43	15243	2.346	ug/L #	66

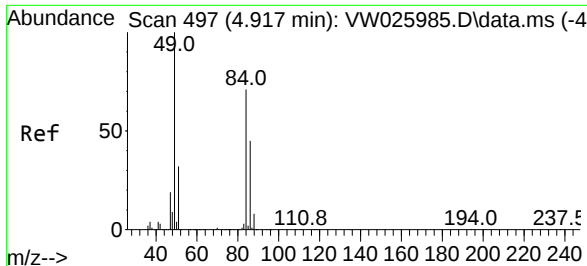
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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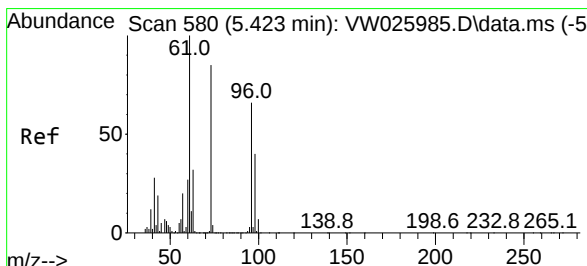
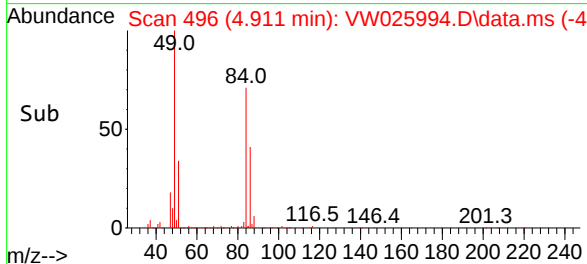
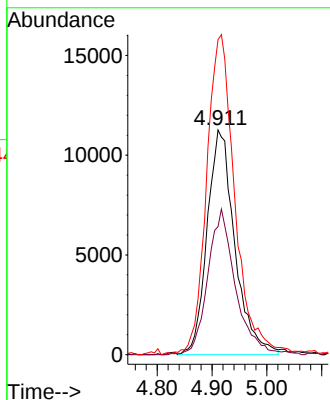
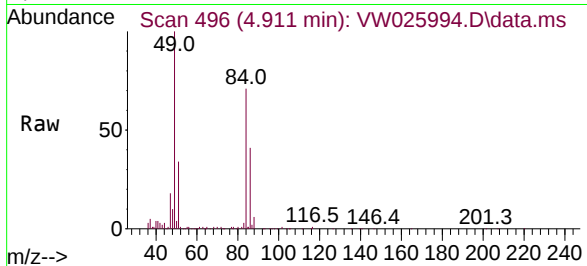




#16
Methylene chloride
Concen: 2.143 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW025994.D
Acq: 18 May 2023 15:28

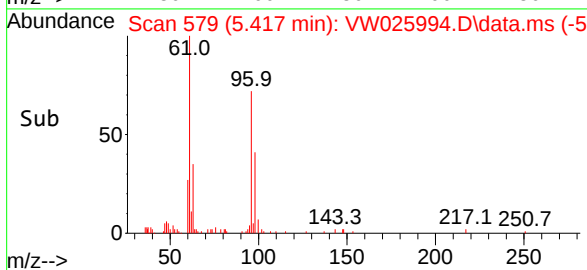
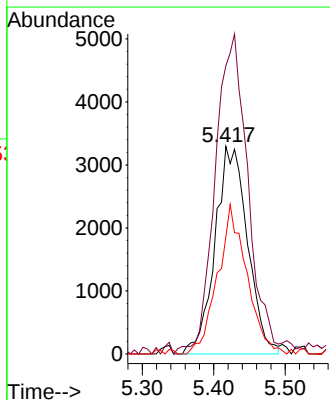
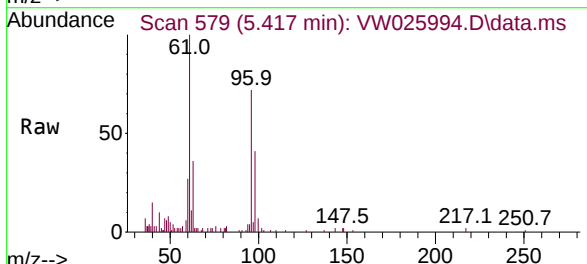
Instrument :
MSVOA_W
ClientSampleId :
C11F6

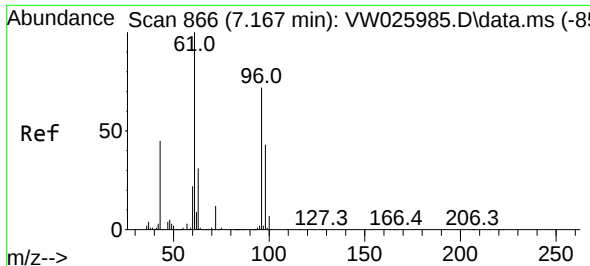
Tgt Ion: 84 Resp: 39545
Ion Ratio Lower Upper
84 100
86 57.1 41.7 77.5
49 140.2 95.3 177.1



#17
trans-1,2-Dichloroethene
Concen: 0.798 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW025994.D
Acq: 18 May 2023 15:28

Tgt Ion: 96 Resp: 10413
Ion Ratio Lower Upper
96 100
61 138.9 108.1 200.9
98 56.6 44.0 81.8

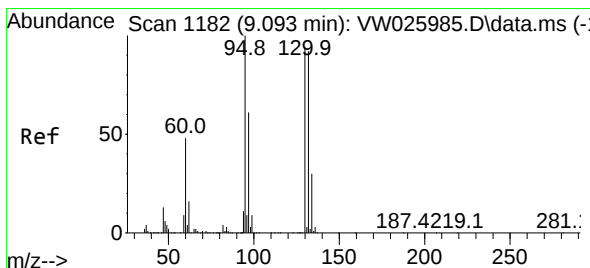
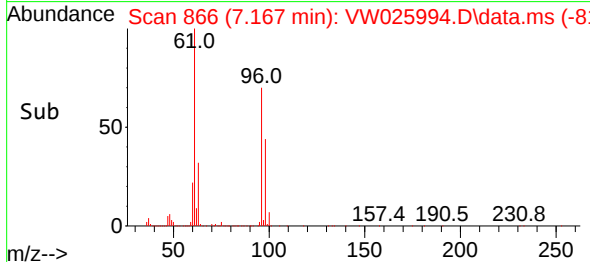
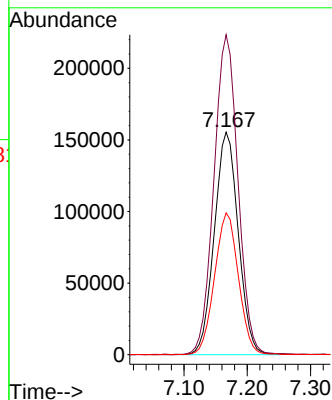
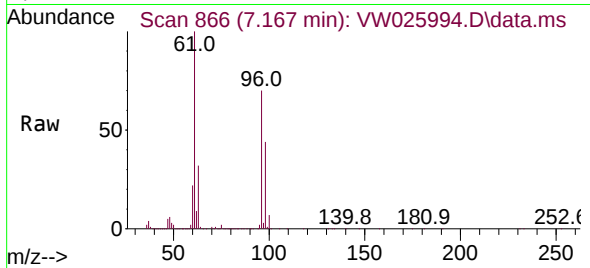




#20
 cis-1,2-Dichloroethene
 Concen: 29.215 ug/L
 RT: 7.167 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025994.D
 Acq: 18 May 2023 15:28

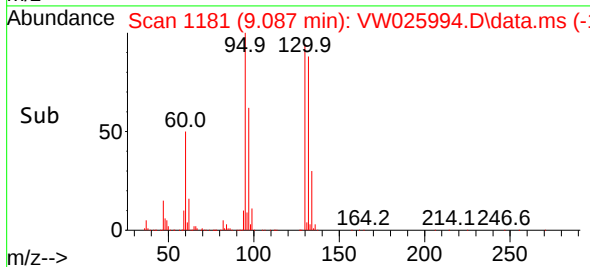
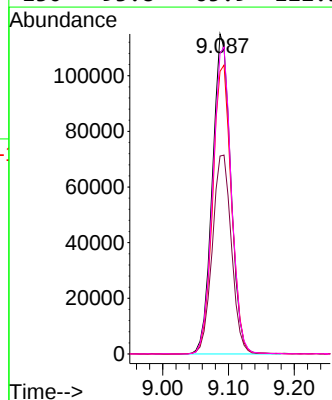
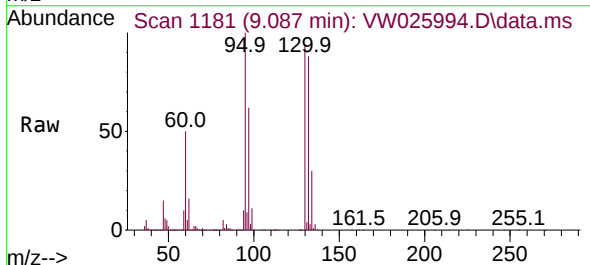
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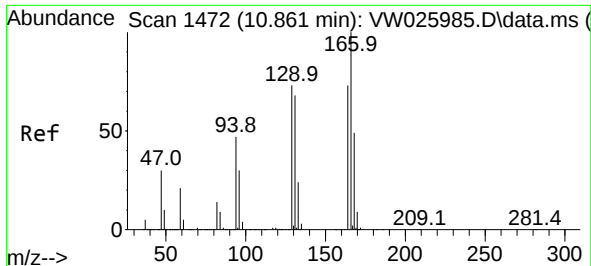
Tgt Ion: 96 Resp: 409116
 Ion Ratio Lower Upper
 96 100
 61 143.8 98.6 183.0
 98 63.7 45.2 84.0



#34
 Trichloroethene
 Concen: 17.177 ug/L
 RT: 9.087 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: VW025994.D
 Acq: 18 May 2023 15:28

Tgt Ion: 95 Resp: 224172
 Ion Ratio Lower Upper
 95 100
 97 61.8 45.9 85.3
 132 88.3 66.0 122.6
 130 93.8 65.9 122.3

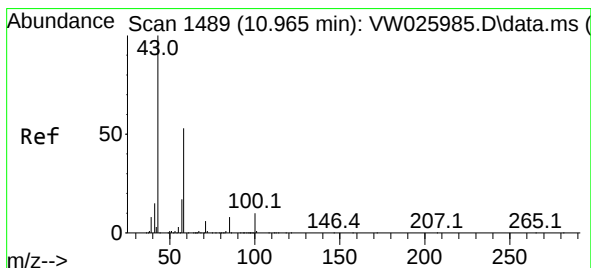
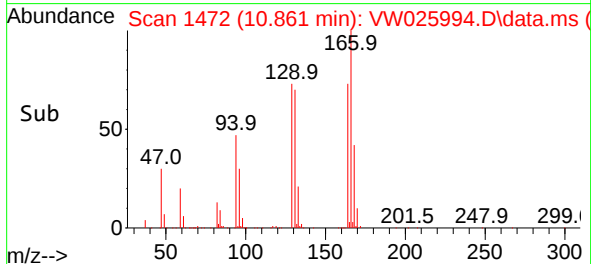
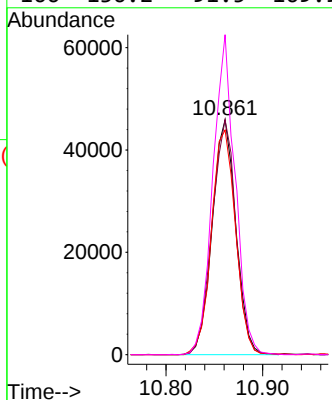
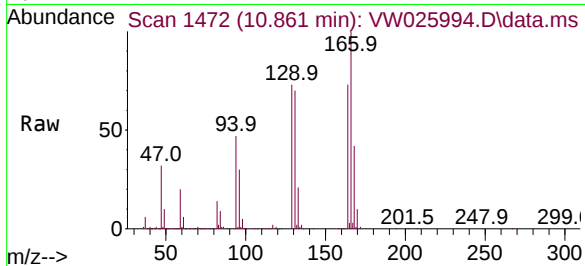




#46
Tetrachloroethene
Concen: 8.499 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025994.D
Acq: 18 May 2023 15:28

Instrument :
MSVOA_W
ClientSampleId :
C11F6

Tgt Ion:164 Resp: 78035
Ion Ratio Lower Upper
164 100
129 100.0 74.3 138.1
131 95.7 71.3 132.3
166 136.2 91.5 169.9



#48
2-Hexanone
Concen: 2.346 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW025994.D
Acq: 18 May 2023 15:28

Tgt Ion: 43 Resp: 15243
Ion Ratio Lower Upper
43 100
58 24.1 40.8 61.2#
57 28.6 13.6 20.4#
100 2.6 8.0 12.0#

