

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026248.D
 Acq On : 19 Jun 2023 15:31
 Operator : SY/MD
 Sample : 03307-19
 Misc : 5.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW36

Quant Time: Jun 20 03:18:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

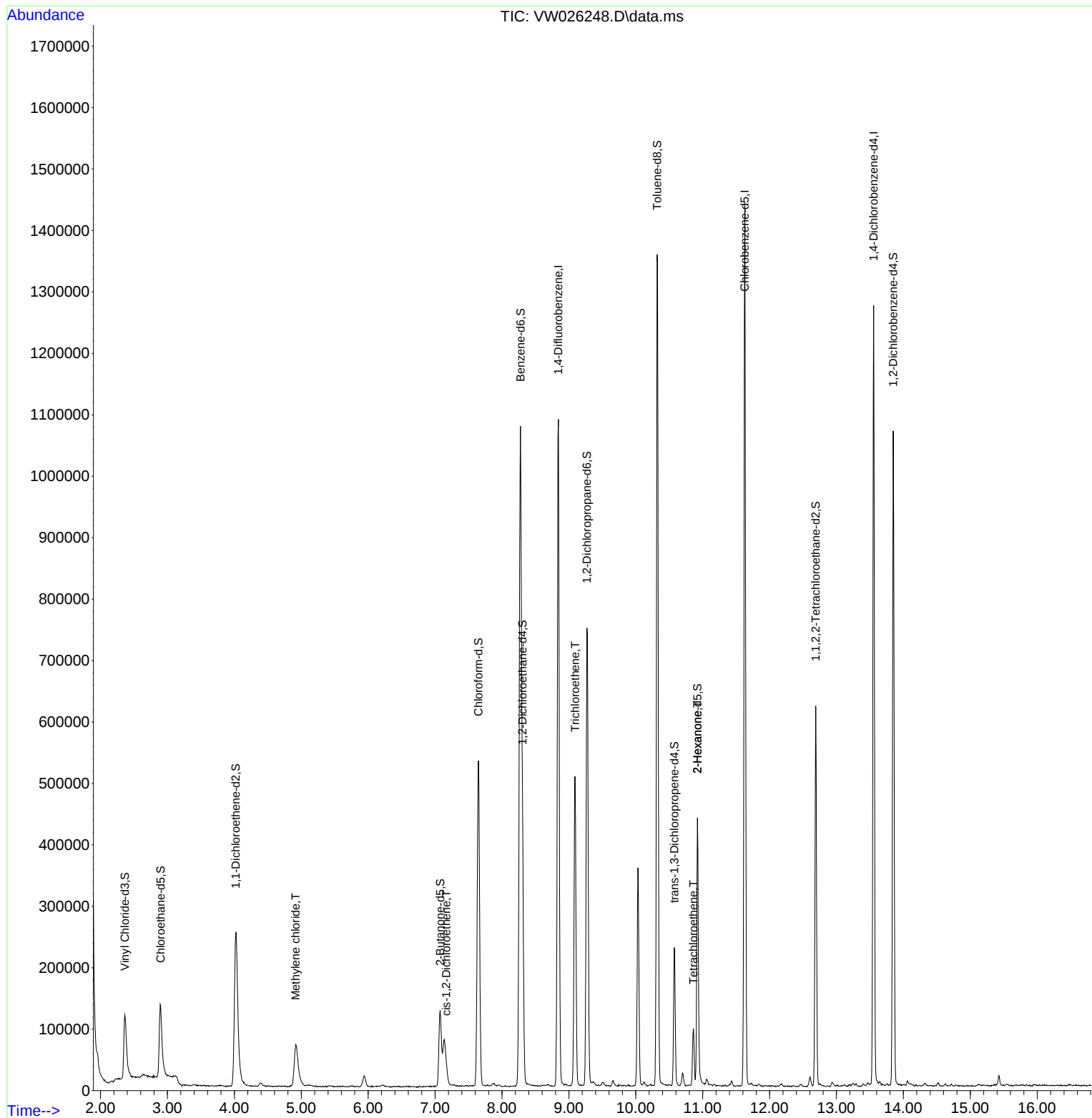
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	862879	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	719397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	297869	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	192050	15.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.280%
7) Chloroethane-d5	2.899	69	190671	20.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.920%
11) 1,1-Dichloroethene-d2	4.021	65	106522	17.796	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.200%
21) 2-Butanone-d5	7.075	46	219646	62.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.300%
24) Chloroform-d	7.648	84	538768	21.322	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.280%
26) 1,2-Dichloroethane-d4	8.307	65	315082	22.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	8.276	84	1050509	21.701	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	9.270	67	357967	23.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.360%
41) Toluene-d8	10.319	98	875006	20.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.575	79	121552	20.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.000%
47) 2-Hexanone-d5	10.922	63	143506	59.345	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	306389	27.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	256703	22.516	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.080%
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	65737	4.773	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	12166	0.932	ug/L	99
34) Trichloroethene	9.093	95	181792	14.406	ug/L	94
46) Tetrachloroethene	10.861	164	19792	2.217	ug/L	93
48) 2-Hexanone	10.922	43	20065	3.616	ug/L #	70

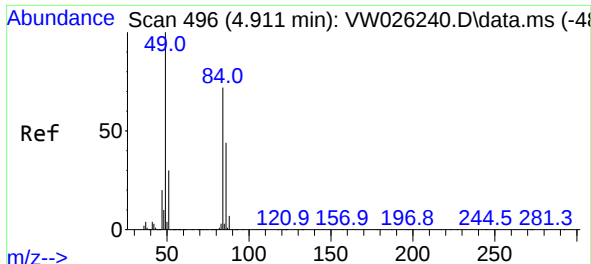
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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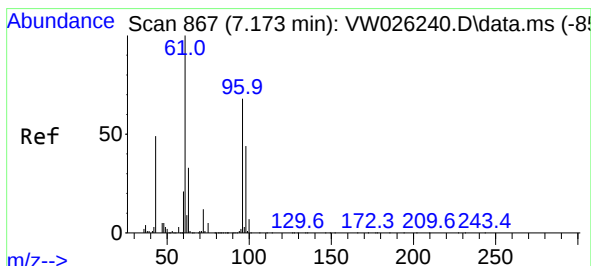
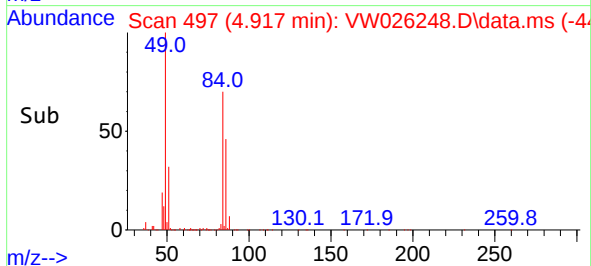
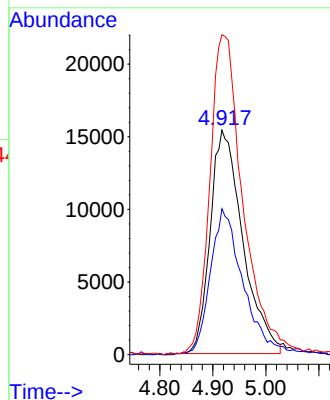
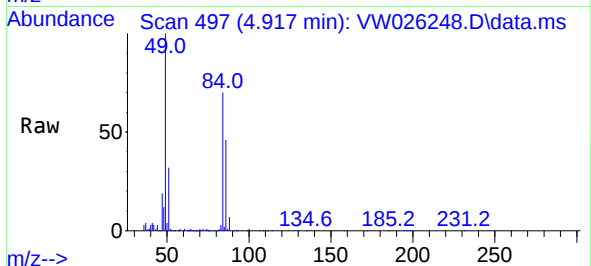




#16
Methylene chloride
Concen: 4.773 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW026248.D
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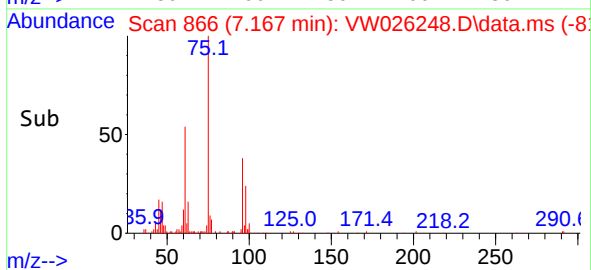
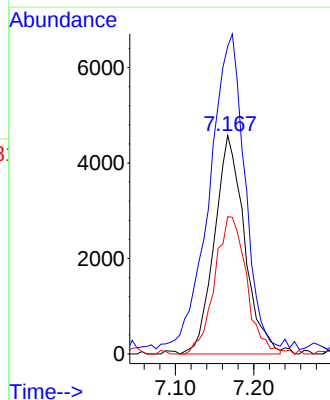
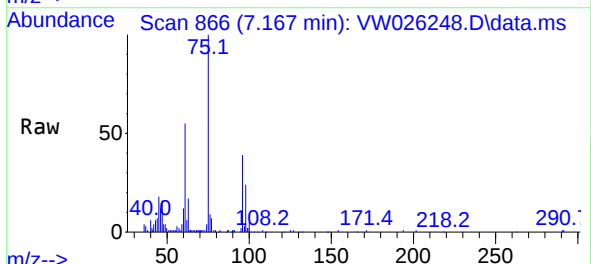
Instrument :
MSVOA_W
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YBW36

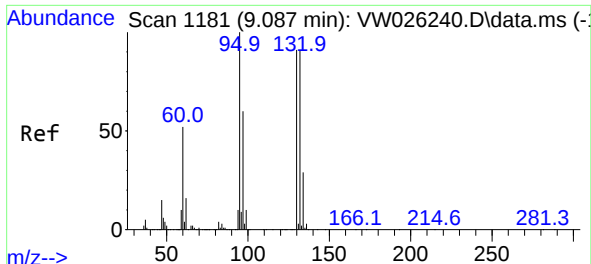
Tgt Ion: 84 Resp: 65737
Ion Ratio Lower Upper
84 100
86 65.0 44.2 82.0
49 142.6 98.8 183.6



#20
cis-1,2-Dichloroethene
Concen: 0.932 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026248.D
Acq: 19 Jun 2023 15:31

Tgt Ion: 96 Resp: 12166
Ion Ratio Lower Upper
96 100
61 140.8 98.4 182.8
98 62.8 45.2 84.0

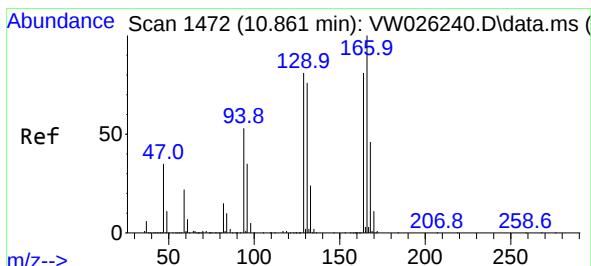
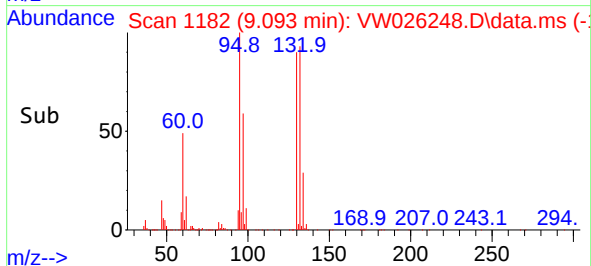
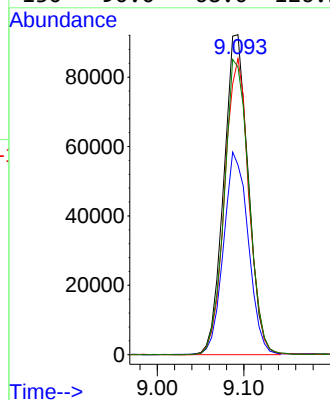
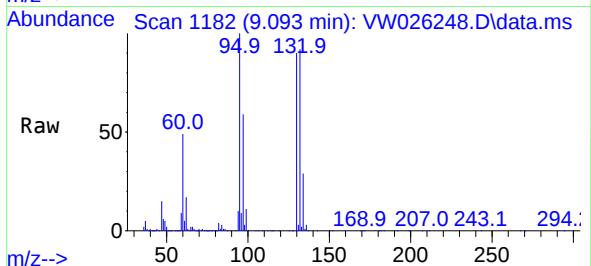




#34
Trichloroethene
Concen: 14.406 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW026248.D
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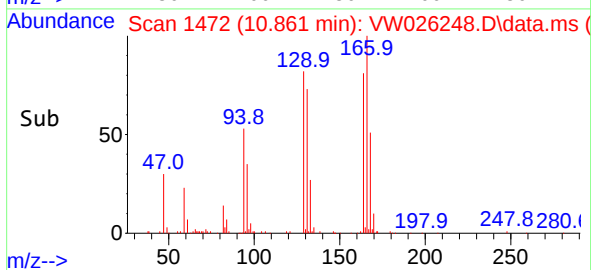
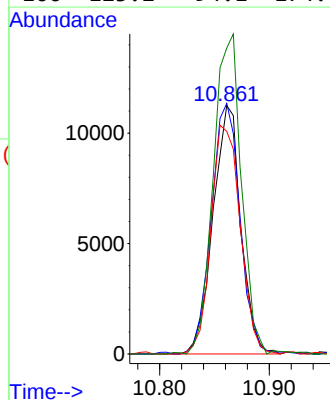
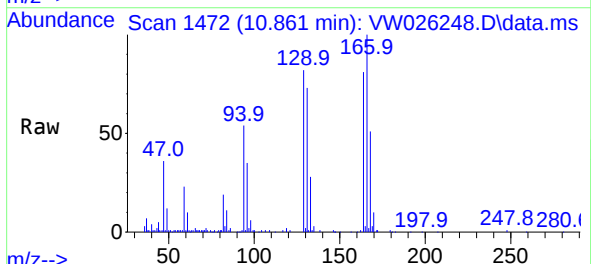
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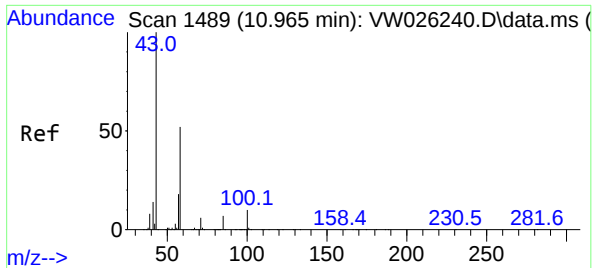
Tgt Ion: 95 Resp: 181792
Ion Ratio Lower Upper
95 100
97 59.3 45.9 85.3
132 92.5 67.1 124.7
130 90.0 68.0 126.2



#46
Tetrachloroethene
Concen: 2.217 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026248.D
Acq: 19 Jun 2023 15:31

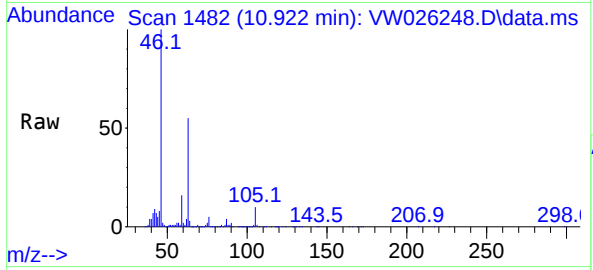
Tgt Ion:164 Resp: 19792
Ion Ratio Lower Upper
164 100
129 100.9 68.5 127.1
131 89.6 67.1 124.7
166 123.2 94.1 174.8





#48
 2-Hexanone
 Concen: 3.616 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW026248.D
 Acq: 19 Jun 2023 15:31

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW36



Tgt Ion: 43 Resp: 20065

Ion	Ratio	Lower	Upper
43	100		
58	27.5	42.2	63.2#
57	27.1	14.2	21.2#
100	4.0	8.3	12.5#

