

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026223.D
 Acq On : 16 Jun 2023 12:49
 Operator : SY/MD
 Sample : 03236-14RE
 Misc : 4.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBTY8

Quant Time: Jun 17 00:02:40 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)

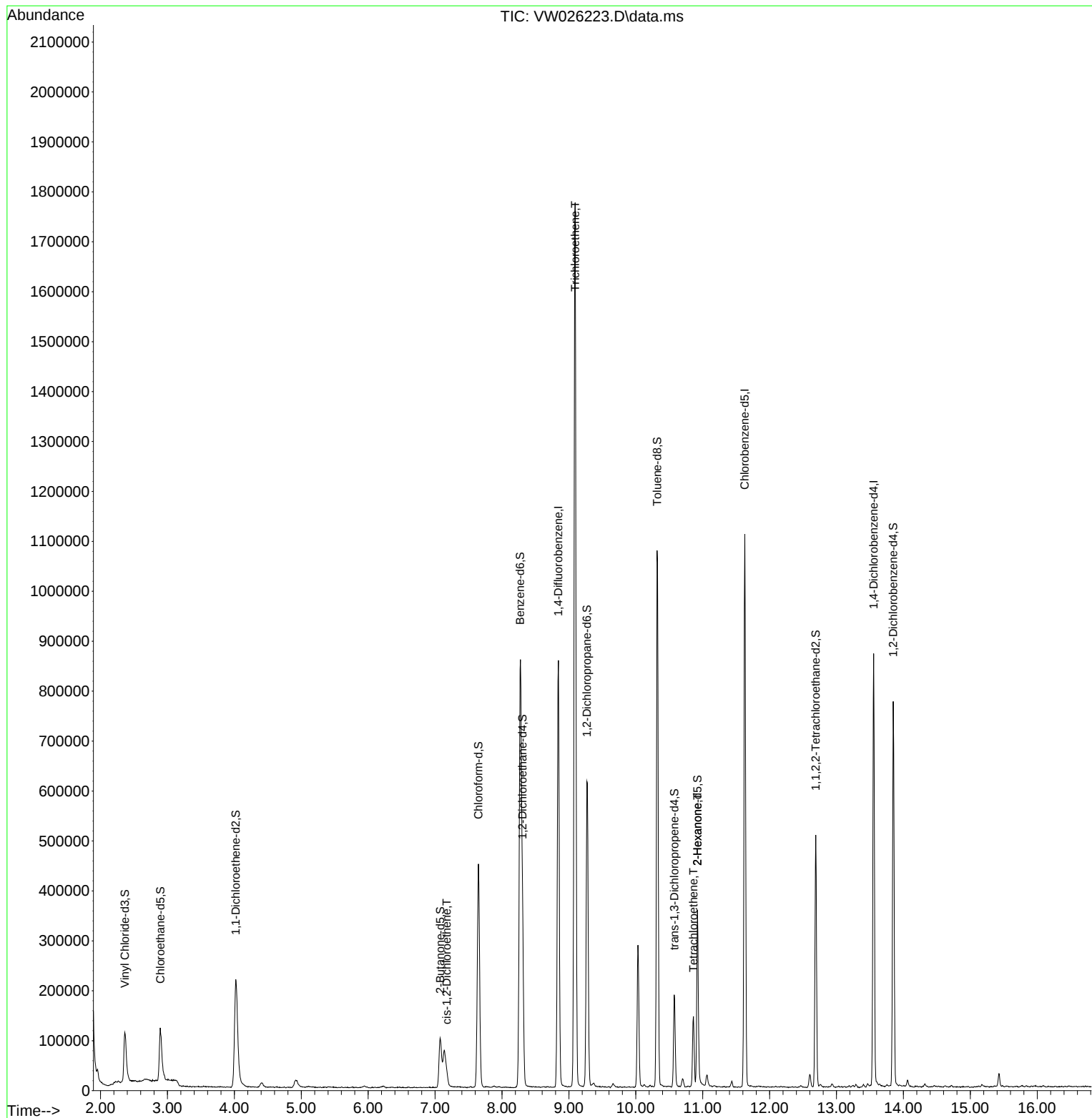
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	209327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	168644	17.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.720%
7) Chloroethane-d5	2.893	69	160381	22.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	4.021	65	89173	18.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.840%
21) 2-Butanone-d5	7.075	46	182321	65.651	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.300%
24) Chloroform-d	7.648	84	435435	21.929	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.720%
26) 1,2-Dichloroethane-d4	8.307	65	266749	24.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.270	84	854025	22.070	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.270	67	293586	23.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	10.319	98	681373	19.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.440%
43) trans-1,3-Dichloroprop...	10.575	79	99683	20.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.080%
47) 2-Hexanone-d5	10.922	63	112624	58.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	253793	28.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	184642	23.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	7.173	96	14345	1.398	ug/L	96
34) Trichloroethene	9.093	95	624468	61.906	ug/L	99
46) Tetrachloroethene	10.861	164	29822	4.180	ug/L	95
48) 2-Hexanone	10.922	43	16107	3.631	ug/L #	65

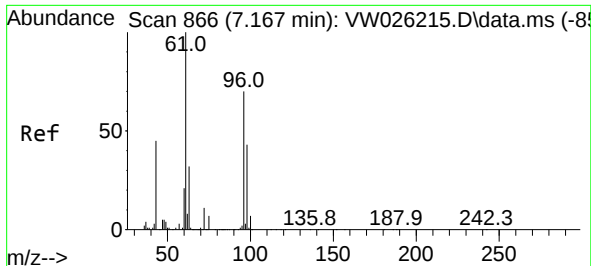
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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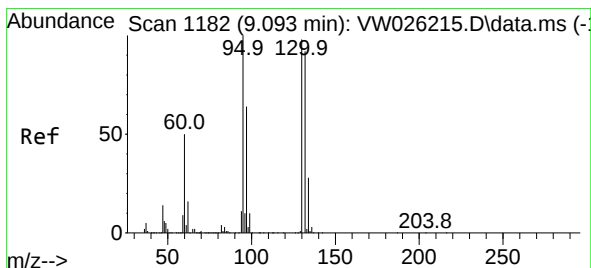
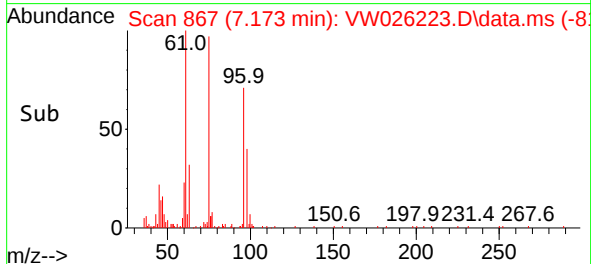
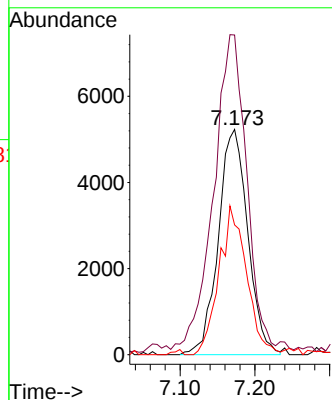
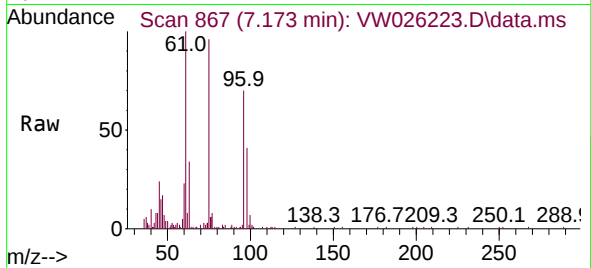




#20
 cis-1,2-Dichloroethene
 Concen: 1.398 ug/L
 RT: 7.173 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026223.D
 Acq: 16 Jun 2023 12:49

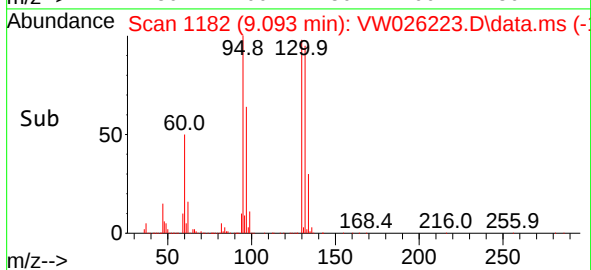
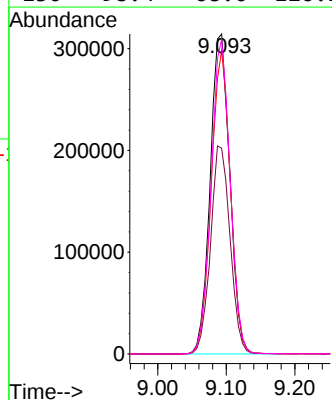
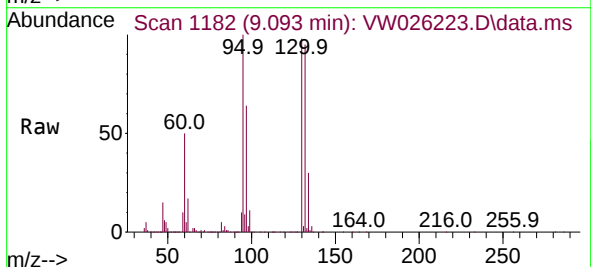
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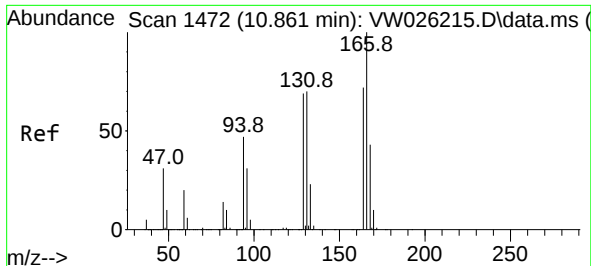
Tgt Ion: 96 Resp: 14345
 Ion Ratio Lower Upper
 96 100
 61 141.9 98.4 182.8
 98 57.6 45.2 84.0



#34
 Trichloroethene
 Concen: 61.906 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VW026223.D
 Acq: 16 Jun 2023 12:49

Tgt Ion: 95 Resp: 624468
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.9 85.3
 132 94.9 67.1 124.7
 130 98.4 68.0 126.2

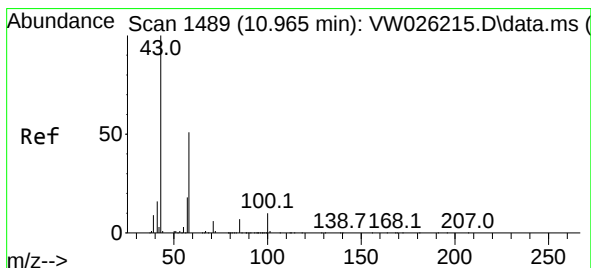
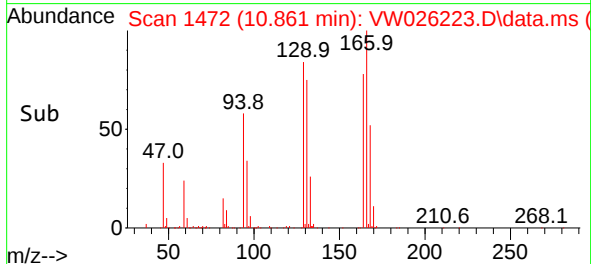
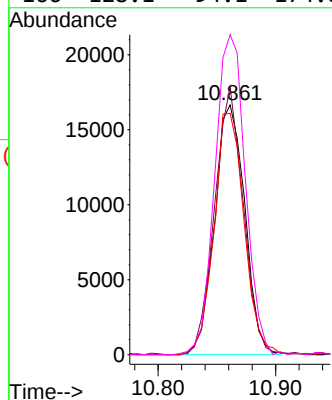
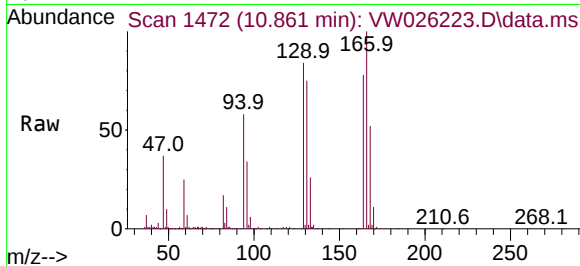




#46
Tetrachloroethene
Concen: 4.180 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026223.D
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Tgt Ion:	164	Resp:	29822
Ion	Ratio	Lower	Upper
164	100		
129	107.1	68.5	127.1
131	96.7	67.1	124.7
166	128.1	94.1	174.8



#48
2-Hexanone
Concen: 3.631 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW026223.D
Acq: 16 Jun 2023 12:49

Tgt Ion:	43	Resp:	16107
Ion	Ratio	Lower	Upper
43	100		
58	26.9	42.2	63.2#
57	32.3	14.2	21.2#
100	0.0	8.3	12.5#

