

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023926.D
 Acq On : 20 Jul 2022 10:33
 Operator : SY/VA
 Sample : N3744-03
 Misc : 6.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C78

Quant Time: Jul 20 23:07:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 06:30:31 2022
 Response via : Initial Calibration

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

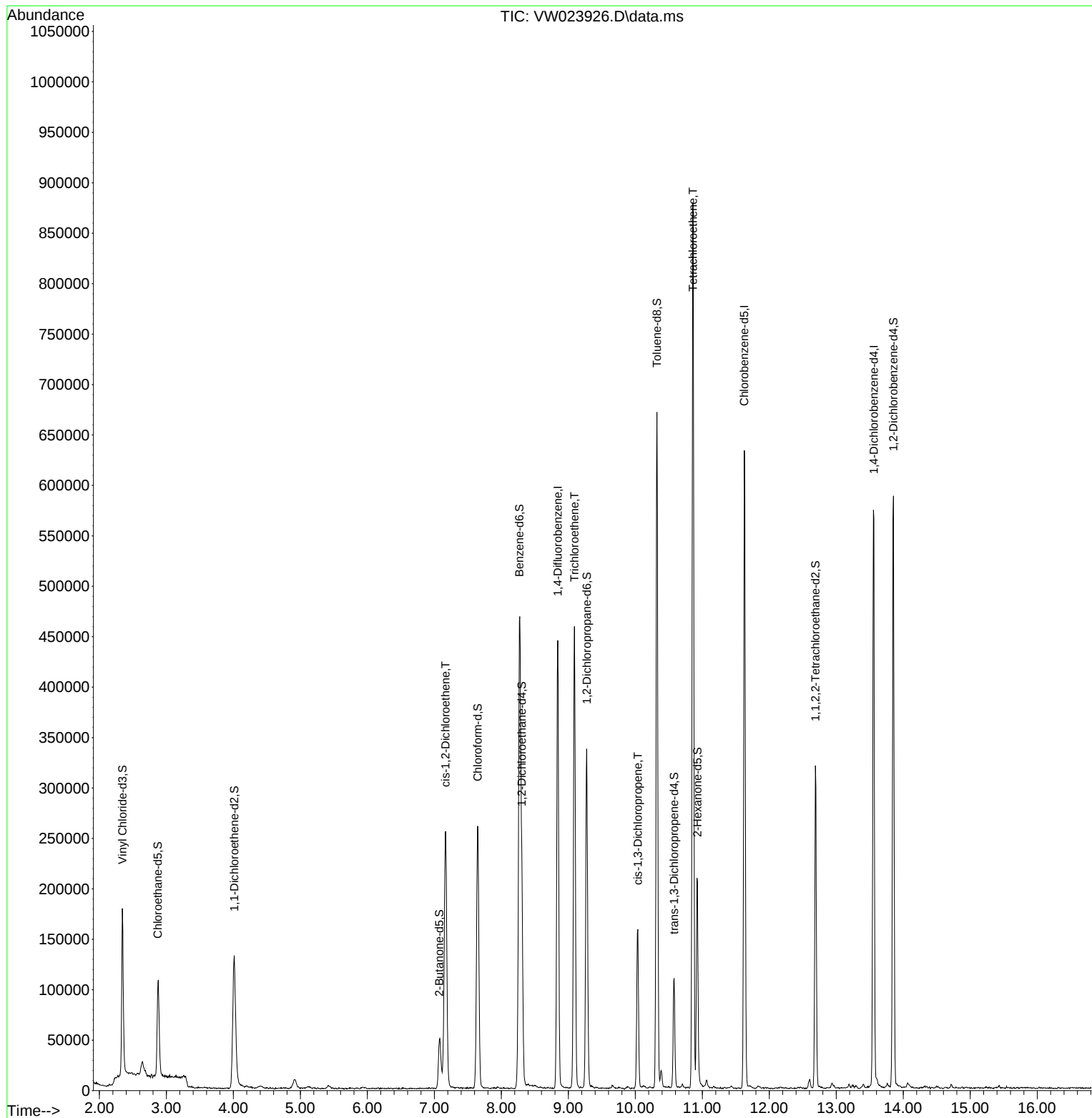
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	362172	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	149398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	161942	17.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.040%
7) Chloroethane-d5	2.873	69	112955	18.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	4.013	63	133627	17.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.960%
21) 2-Butanone-d5	7.074	46	78121	54.447	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.900%
24) Chloroform-d	7.647	84	258668	24.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.120%
26) 1,2-Dichloroethane-d4	8.305	65	146640	22.738	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.269	84	473088	27.167	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.680%
36) 1,2-Dichloropropane-d6	9.274	67	144747	27.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.360%
41) Toluene-d8	10.323	98	431867	24.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	10.579	79	57624	23.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.760%
47) 2-Hexanone-d5	10.927	63	68574	62.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146893	25.340	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	142217	26.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.680%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.165	96	148307	28.739	ug/L #	95
34) Trichloroethene	9.092	95	151799	30.196	ug/L	96
39) cis-1,3-Dichloropropene	10.037	75	4745	0.660	ug/L #	58
46) Tetrachloroethene	10.860	164	183590	47.231	ug/L	97

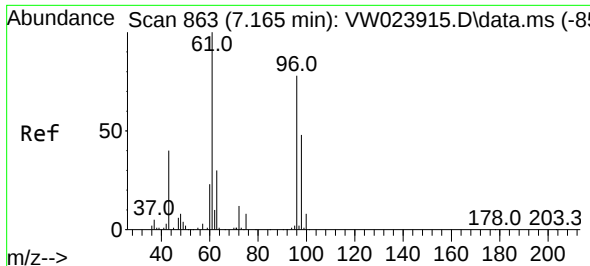
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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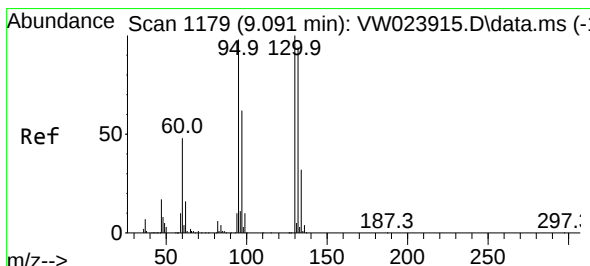
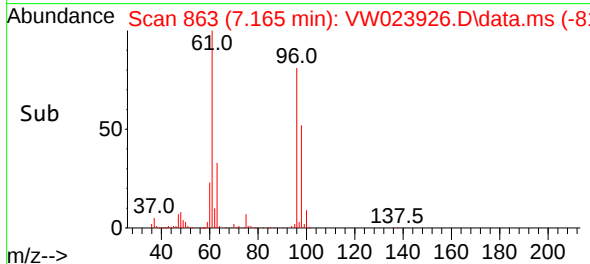
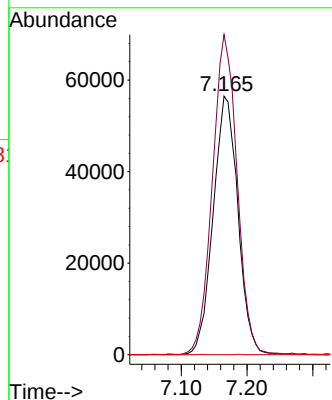
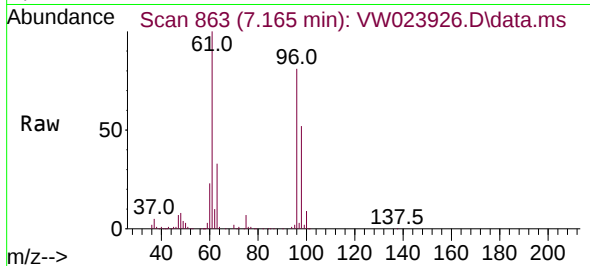




#20
 cis-1,2-Dichloroethene
 Concen: 28.739 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023926.D
 Acq: 20 Jul 2022 10:33

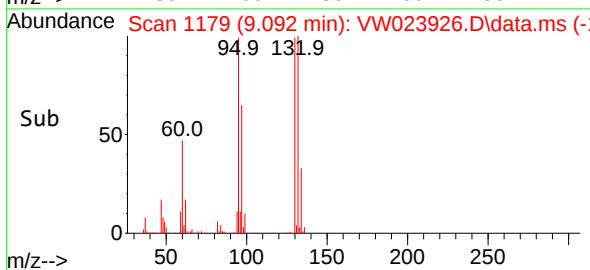
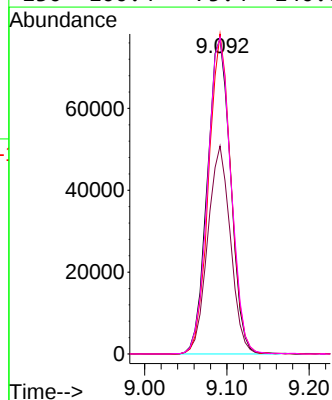
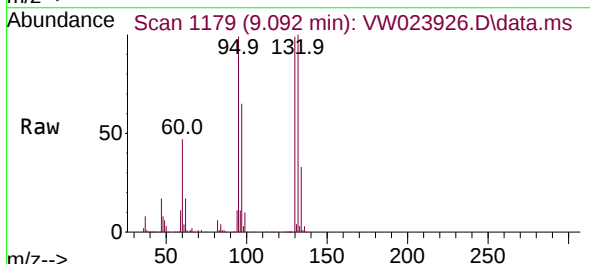
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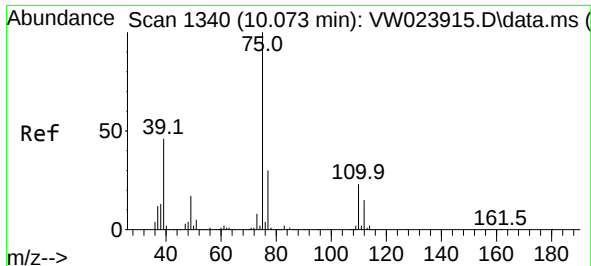
Tgt Ion: 96 Resp: 148307
 Ion Ratio Lower Upper
 96 100
 61 123.7 90.6 168.2
 68 0.0 0.2 0.4#



#34
 Trichloroethene
 Concen: 30.196 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW023926.D
 Acq: 20 Jul 2022 10:33

Tgt Ion: 95 Resp: 151799
 Ion Ratio Lower Upper
 95 100
 97 66.0 45.6 84.8
 132 101.5 69.9 129.7
 130 100.4 75.4 140.0

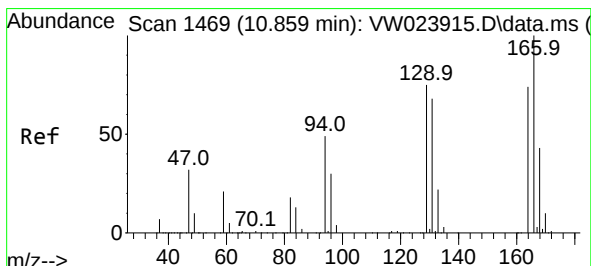
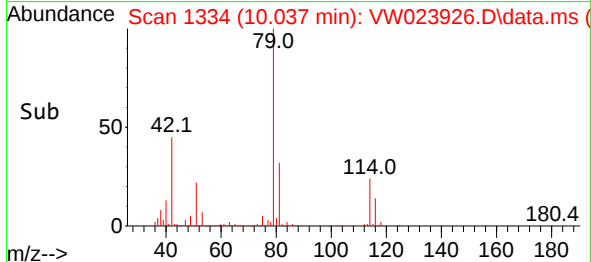
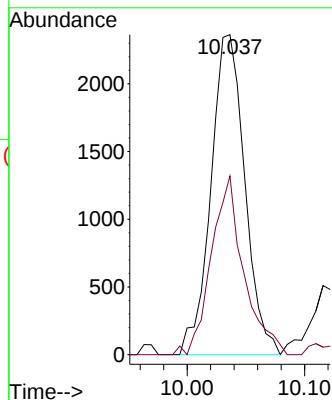
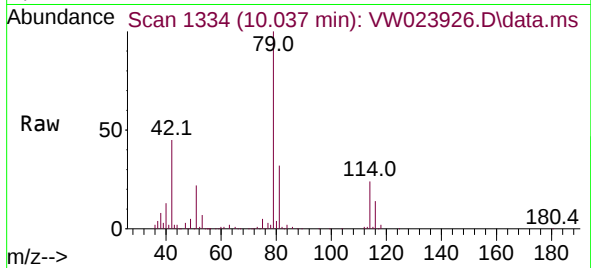




#39
 cis-1,3-Dichloropropene
 Concen: 0.660 ug/L
 RT: 10.037 min Scan# 11
 Delta R.T. -0.036 min
 Lab File: VW023926.D
 Acq: 20 Jul 2022 10:33

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C78

Tgt Ion: 75 Resp: 4745
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.5 41.9#



#46
 Tetrachloroethene
 Concen: 47.231 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW023926.D
 Acq: 20 Jul 2022 10:33

Tgt Ion:164 Resp: 183590
 Ion Ratio Lower Upper
 164 100
 129 102.5 72.4 134.5
 131 92.3 67.8 125.8
 166 124.1 88.9 165.1

