

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024308.D
 Acq On : 23 Aug 2022 17:26
 Operator : SY/VA
 Sample : N4322-08
 Misc : 5.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY168

Quant Time: Aug 24 01:08:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 24 01:06:02 2022
 Response via : Initial Calibration

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

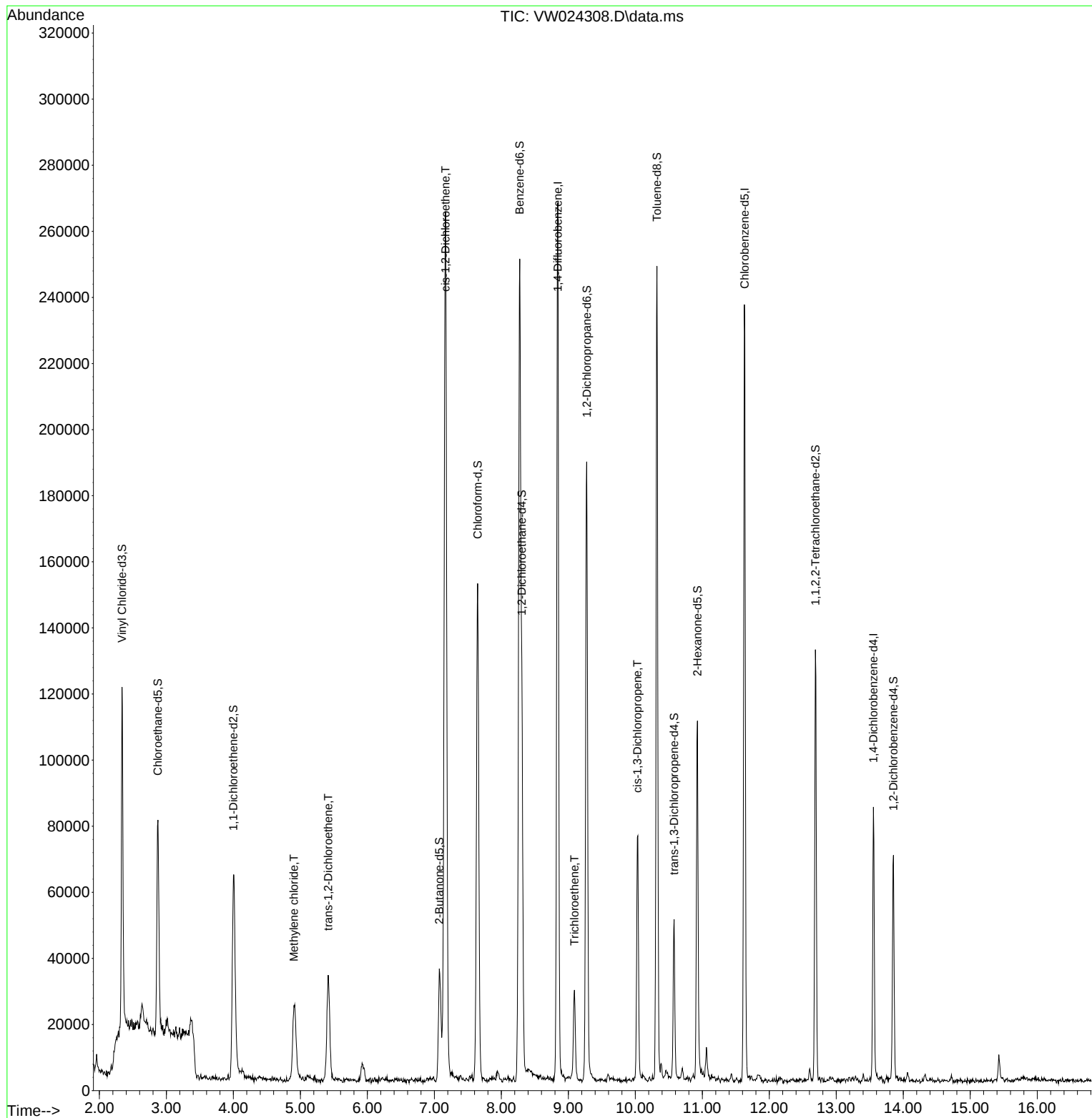
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	206218	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	122375	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	18658	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	98459	22.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.360%
7) Chloroethane-d5	2.873	69	75852	28.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	4.001	63	68188	13.881	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.520%
21) 2-Butanone-d5	7.074	46	54405	67.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.680%#
24) Chloroform-d	7.647	84	143809	23.048	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.305	65	85427	24.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.640%
32) Benzene-d6	8.275	84	236835	32.815	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.280%
36) 1,2-Dichloropropane-d6	9.275	67	81485	38.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.960%#
41) Toluene-d8	10.323	98	154359	22.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.579	79	23819	25.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.080%
47) 2-Hexanone-d5	10.927	63	32456	82.461	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.920%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	63529	30.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.920%#
66) 1,2-Dichlorobenzene-d4	13.853	152	16353	23.951	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
16) Methylene chloride	4.903	84	18381	5.055	ug/L	92
17) trans-1,2-Dichloroethene	5.416	96	19794	6.914	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	143673	45.694	ug/L	96
34) Trichloroethene	9.092	95	8080	4.229	ug/L #	79
39) cis-1,3-Dichloropropene	10.031	75	2571	0.978	ug/L #	78

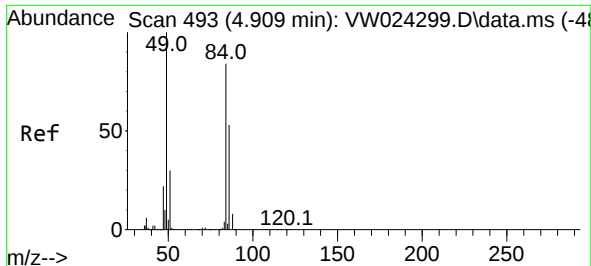
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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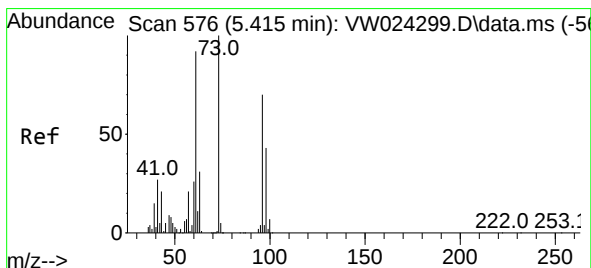
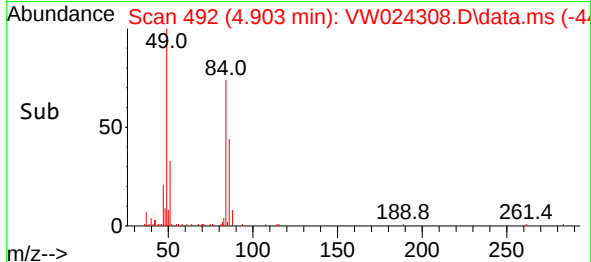
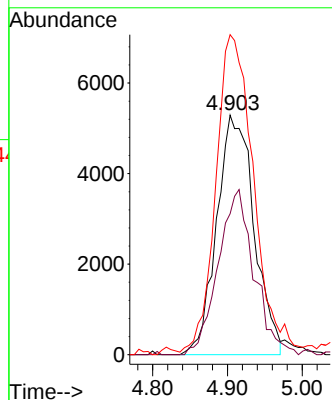
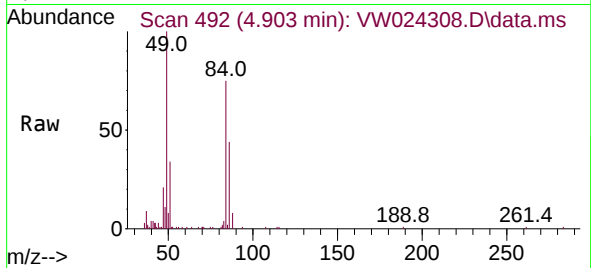




#16
Methylene chloride
Concen: 5.055 ug/L
RT: 4.903 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024308.D
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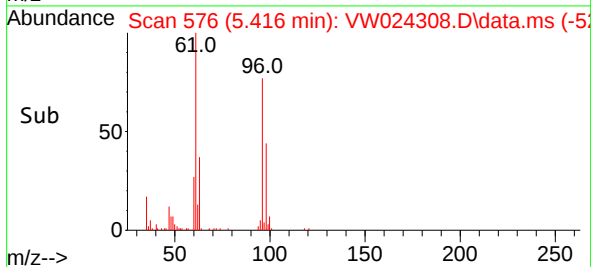
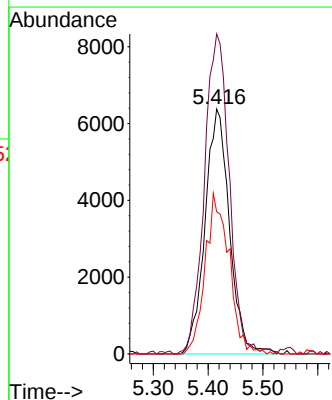
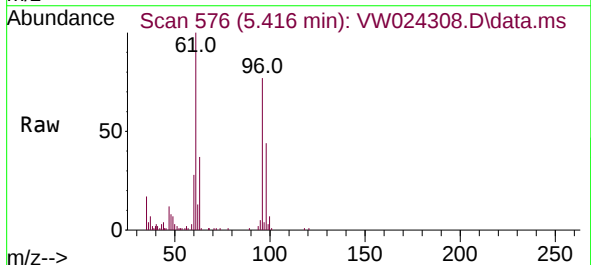
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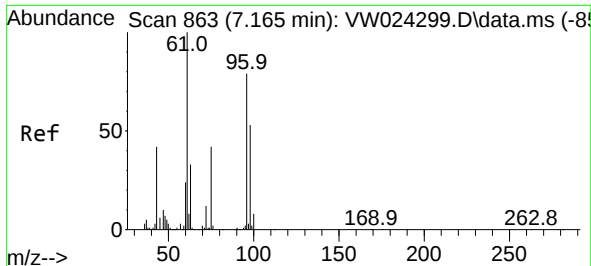
Tgt Ion: 84 Resp: 18381
Ion Ratio Lower Upper
84 100
86 58.8 42.8 79.6
49 133.6 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 6.914 ug/L
RT: 5.416 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024308.D
Acq: 23 Aug 2022 17:26

Tgt Ion: 96 Resp: 19794
Ion Ratio Lower Upper
96 100
61 130.7 93.0 172.8
98 58.1 48.5 90.1

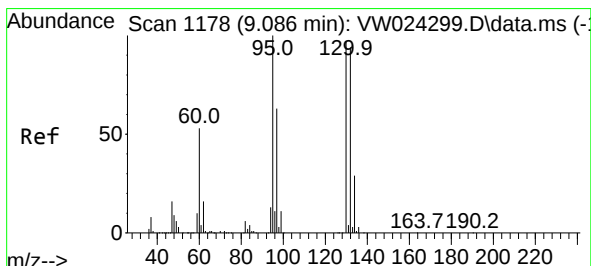
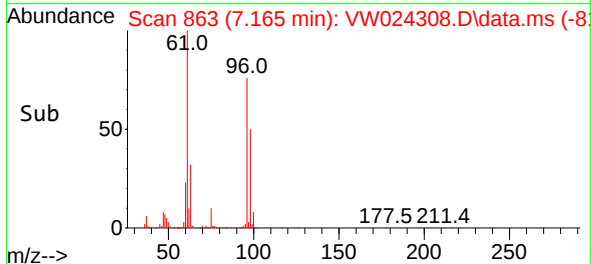
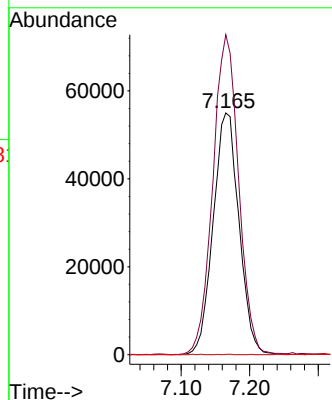
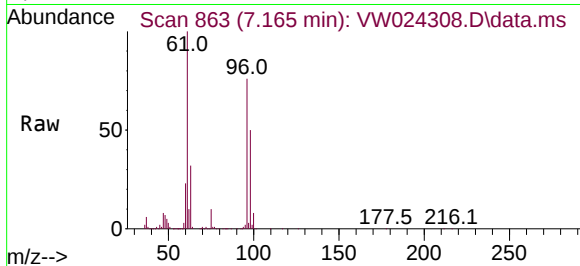




#20
 cis-1,2-Dichloroethene
 Concen: 45.694 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024308.D
 Acq: 23 Aug 2022 17:26

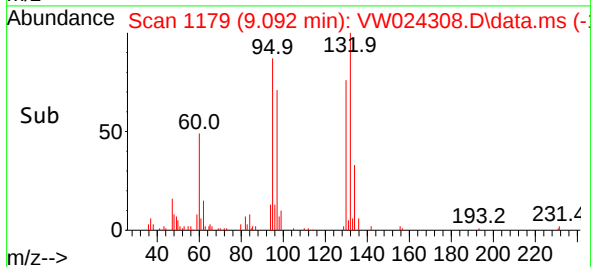
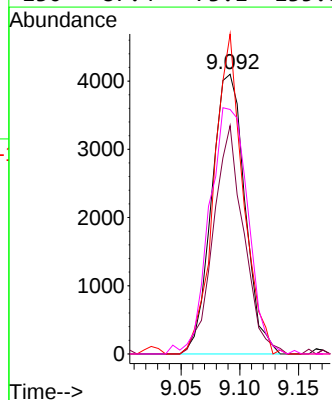
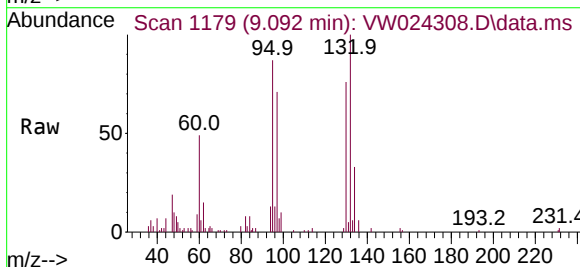
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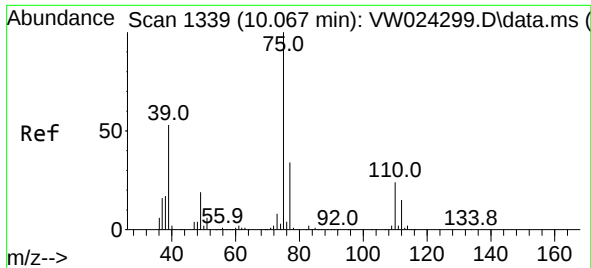
Tgt Ion: 96 Resp: 143673
 Ion Ratio Lower Upper
 96 100
 61 132.4 89.5 166.3
 68 0.1 0.1 0.1



#34
 Trichloroethene
 Concen: 4.229 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: VW024308.D
 Acq: 23 Aug 2022 17:26

Tgt Ion: 95 Resp: 8080
 Ion Ratio Lower Upper
 95 100
 97 81.6 41.6 77.2#
 132 114.4 67.0 124.4
 130 87.4 73.1 135.8





#39
 cis-1,3-Dichloropropene
 Concen: 0.978 ug/L
 RT: 10.031 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VW024308.D
 Acq: 23 Aug 2022 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 EY168

Tgt Ion: 75 Resp: 2571
 Ion Ratio Lower Upper
 75 100
 77 45.9 23.4 43.6#

