

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV028002.D
 Acq On : 21 Sep 2022 08:00
 Operator : SY/MD
 Sample : N4674-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EB6

Quant Time: Sep 21 08:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 06:45:13 2022
 Response via : Initial Calibration

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

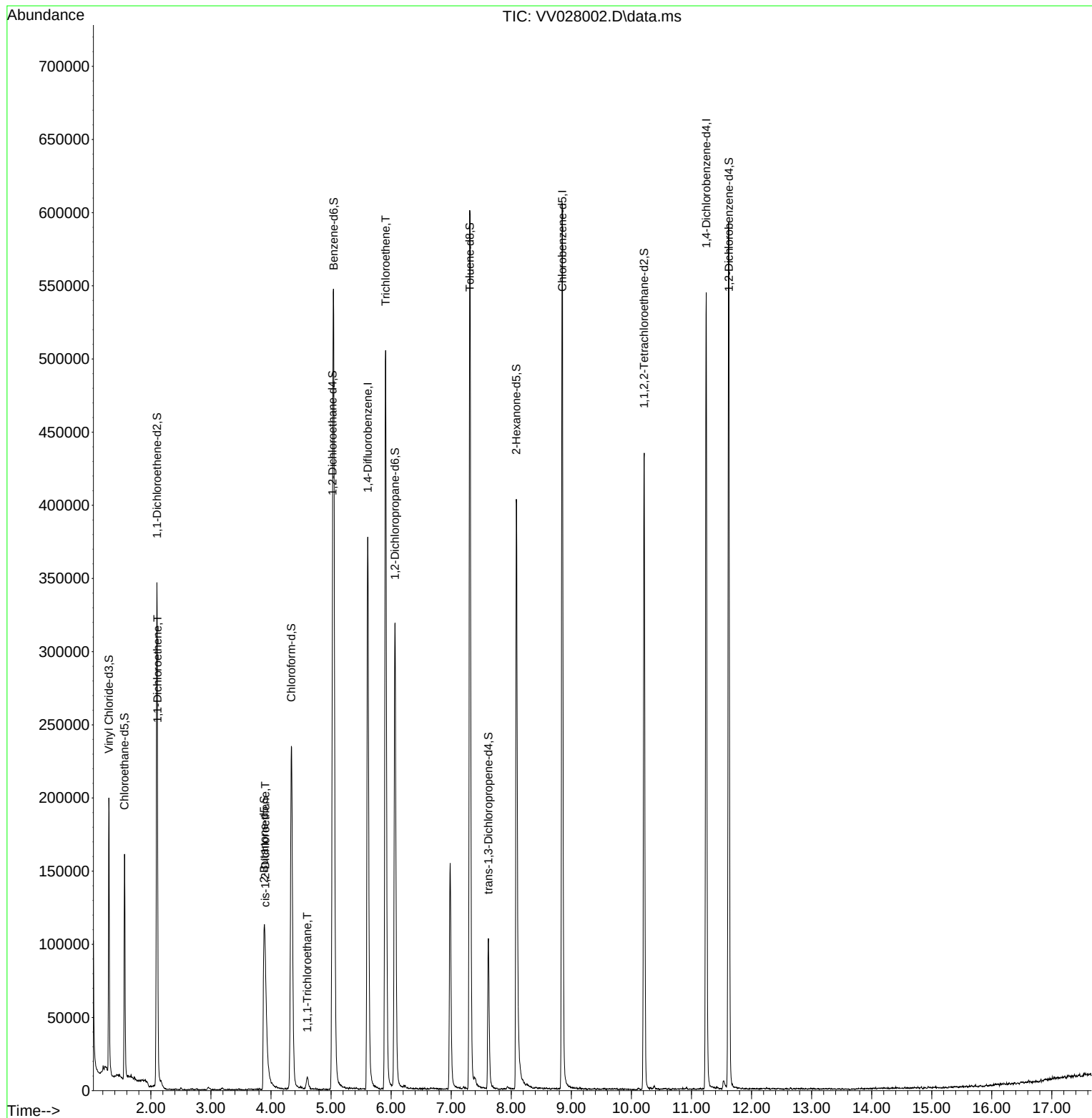
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	336086	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	335260	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	148525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	120531	40.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.700%
7) Chloroethane-d5	1.561	69	103172	43.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.540%
11) 1,1-Dichloroethene-d2	2.101	63	175267	33.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.060%
21) 2-Butanone-d5	3.886	46	205950	117.386	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.390%
24) Chloroform-d	4.339	84	246335	49.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.460%
26) 1,2-Dichloroethane-d4	5.024	65	165289	51.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.980%
32) Benzene-d6	5.043	84	470969	48.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	6.063	67	156805	52.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.100%
41) Toluene-d8	7.310	98	395999	44.751	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
43) trans-1,3-Dichloroprop...	7.619	79	61576	41.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.540%
47) 2-Hexanone-d5	8.085	63	150181	102.738	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	206313	46.975	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	155285	53.859	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	13522	5.545	ug/L	# 1
20) cis-1,2-Dichloroethene	3.905	96	12926	4.994	ug/L	82
30) 1,1,1-Trichloroethane	4.606	97	6403	1.551	ug/L	98
34) Trichloroethene	5.908	95	176456	71.192	ug/L	97

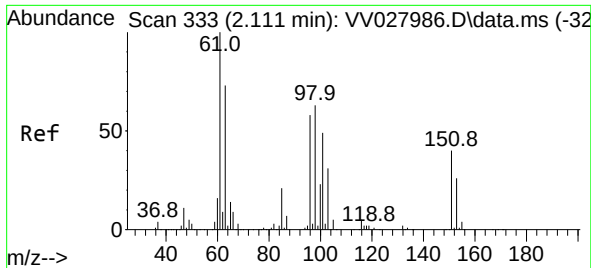
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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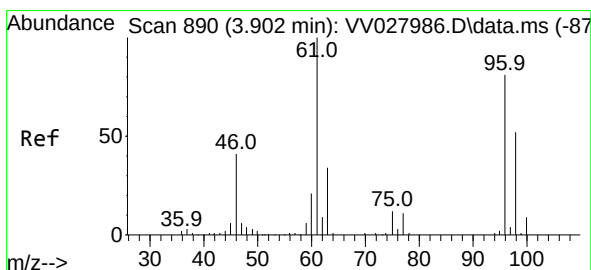
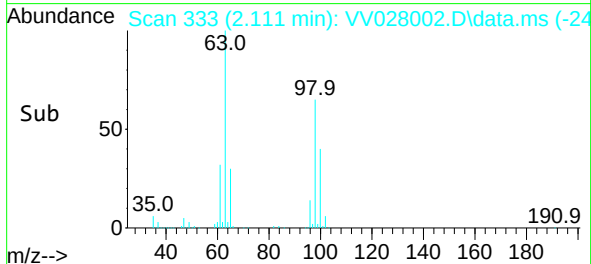
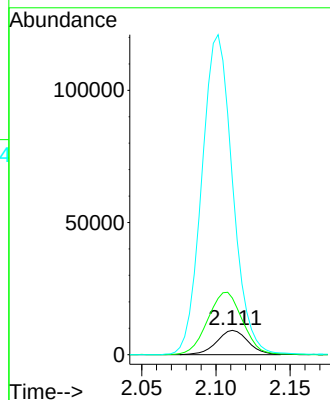
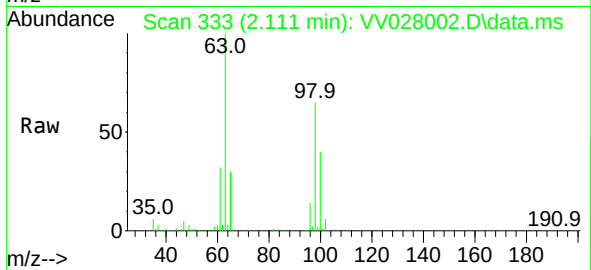




#12
1,1-Dichloroethene
Concen: 5.545 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV028002.D
Acq: 21 Sep 2022 08:00

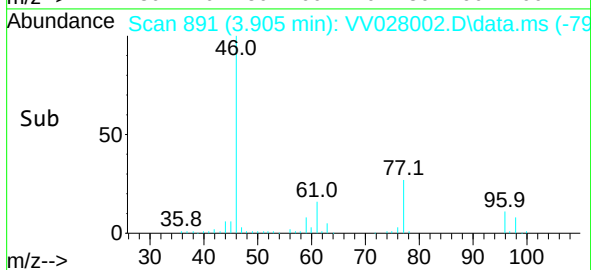
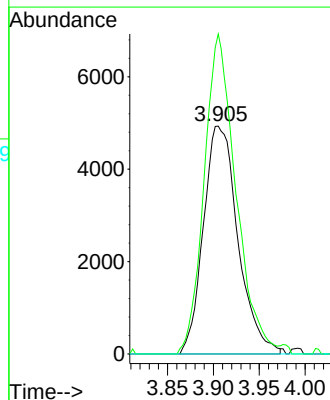
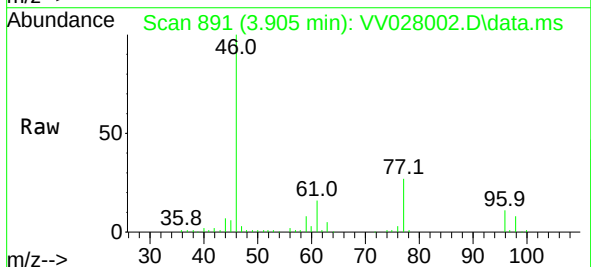
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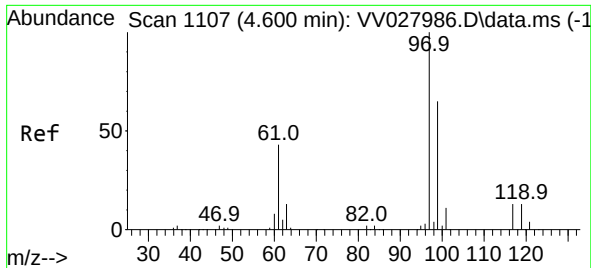
Tgt Ion: 96 Resp: 13522
Ion Ratio Lower Upper
96 100
61 233.1 123.7 229.7#
63 718.4 108.6 201.6#



#20
cis-1,2-Dichloroethene
Concen: 4.994 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028002.D
Acq: 21 Sep 2022 08:00

Tgt Ion: 96 Resp: 12926
Ion Ratio Lower Upper
96 100
61 140.4 84.4 156.8
68 0.0 0.0 0.0

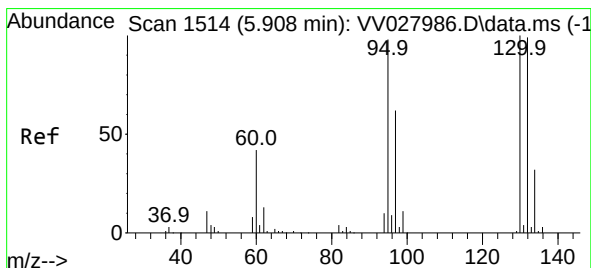
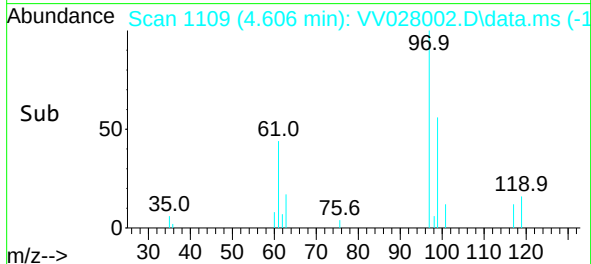
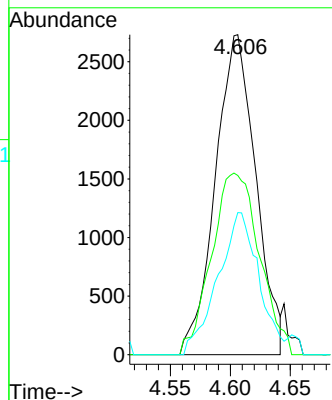
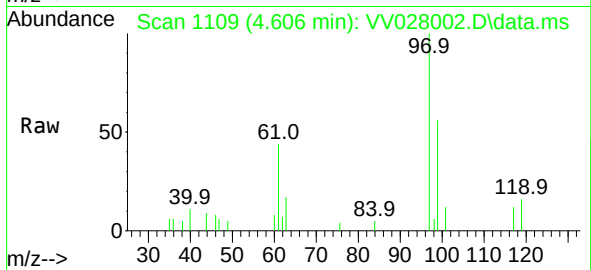




#30
1,1,1-Trichloroethane
Concen: 1.551 ug/L
RT: 4.606 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV028002.D
Acq: 21 Sep 2022 08:00

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Tgt Ion:	97	Resp:	6403
Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.4	77.0
61	44.9	35.2	52.8



#34
Trichloroethene
Concen: 71.192 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028002.D
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Tgt Ion:	95	Resp:	176456
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.4	84.2
132	97.7	69.2	128.6
130	107.5	71.1	132.1

