

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV027996.D
 Acq On : 21 Sep 2022 05:32
 Operator : SY/MD
 Sample : N4674-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EA7

Quant Time: Sep 21 08:06:26 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)

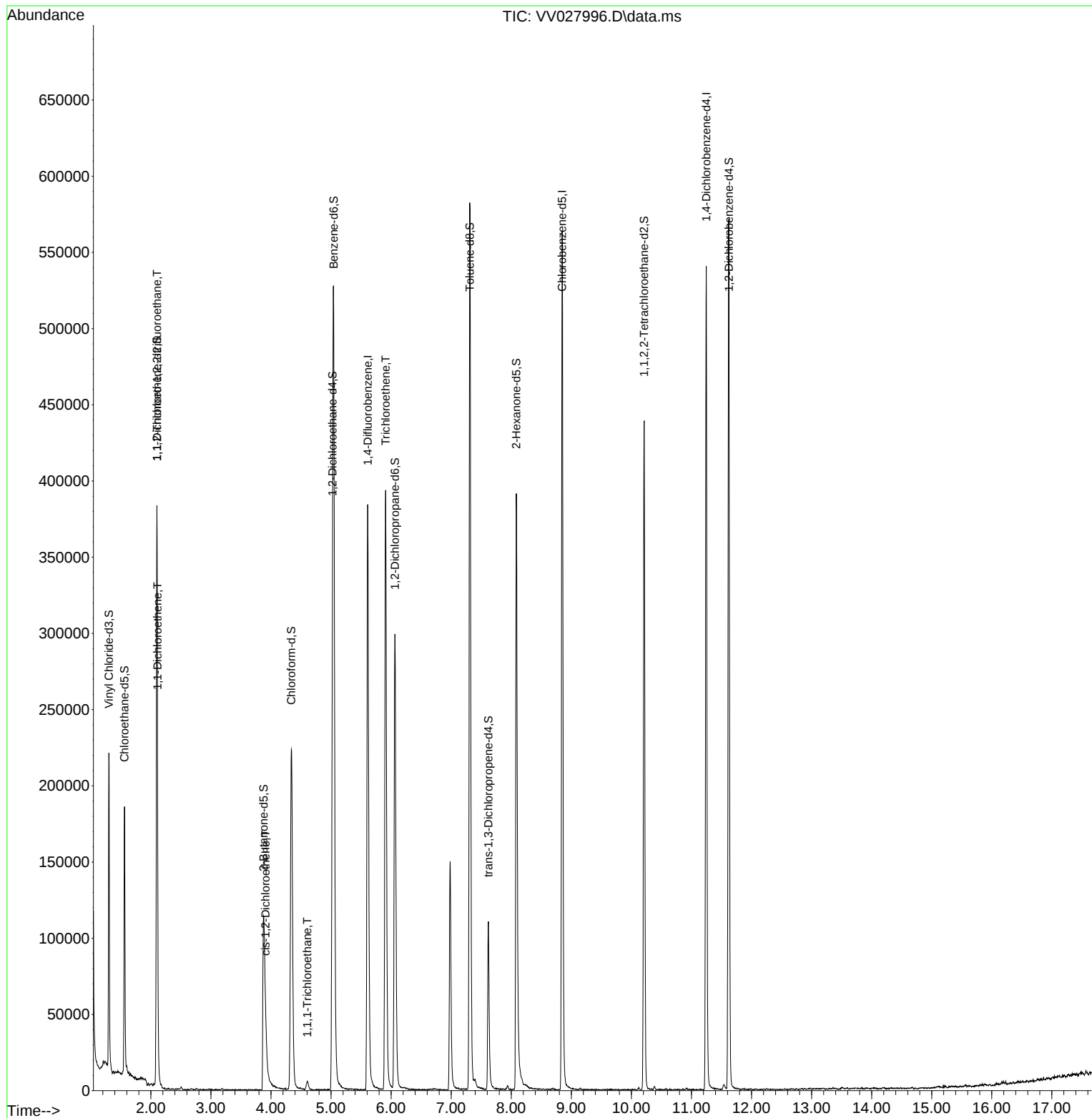
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	338834	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	319995	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	148531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	135418	45.525	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.060%	
7) Chloroethane-d5	1.561	69	113178	47.629	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.260%	
11) 1,1-Dichloroethene-d2	2.101	63	192055	36.446	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.900%	
21) 2-Butanone-d5	3.876	46	191754	108.408	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.410%	
24) Chloroform-d	4.339	84	238971	47.851	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.700%	
26) 1,2-Dichloroethane-d4	5.024	65	158865	49.086	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.180%	
32) Benzene-d6	5.043	84	462441	50.139	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.280%	
36) 1,2-Dichloropropane-d6	6.063	67	147204	51.686	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.380%	
41) Toluene-d8	7.310	98	388939	46.050	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.100%	
43) trans-1,3-Dichloroprop...	7.619	79	64188	45.069	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.140%	
47) 2-Hexanone-d5	8.085	63	142319	102.004	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.000%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	206981	49.375	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.760%	
66) 1,2-Dichlorobenzene-d4	11.622	152	155631	53.976	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.960%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2076	0.844	ug/L #	21
12) 1,1-Dichloroethene	2.111	96	11483	4.671	ug/L #	1
20) cis-1,2-Dichloroethene	3.908	96	9009	3.452	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	4630	1.175	ug/L	91
34) Trichloroethene	5.908	95	139987	59.172	ug/L	99

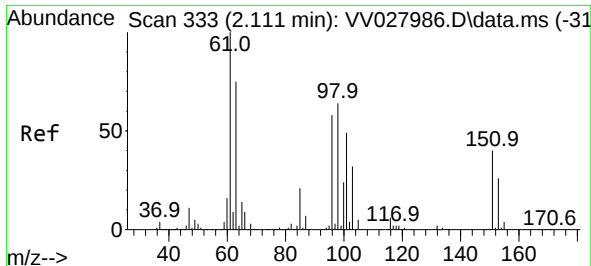
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.844 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

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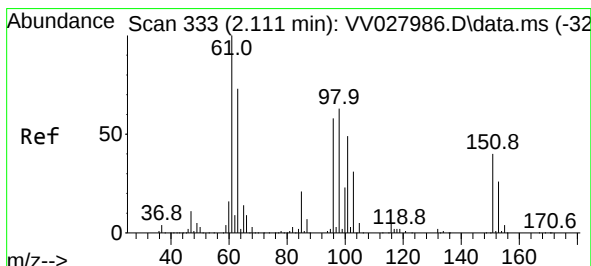
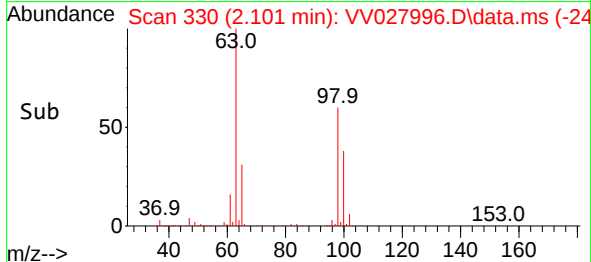
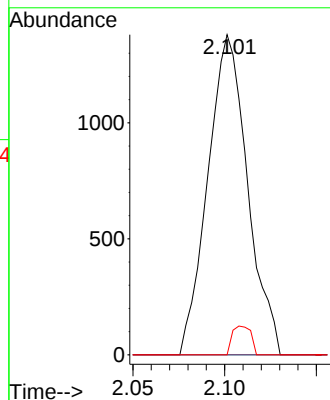
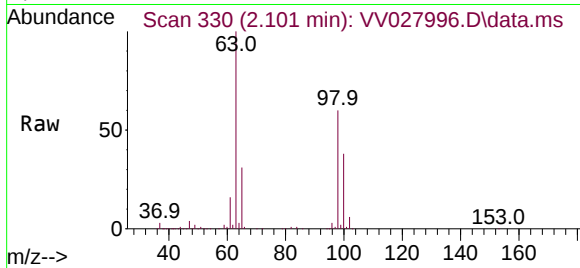
Tgt Ion:101 Resp: 2076

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 4.2 62.2 93.4#



#12

1,1-Dichloroethene

Concen: 4.671 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

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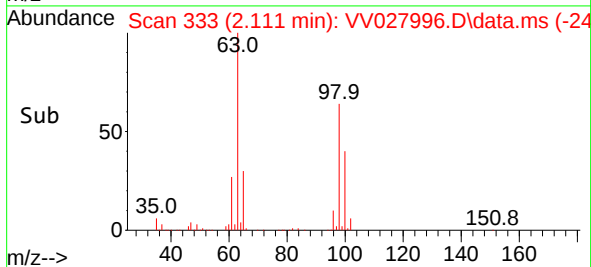
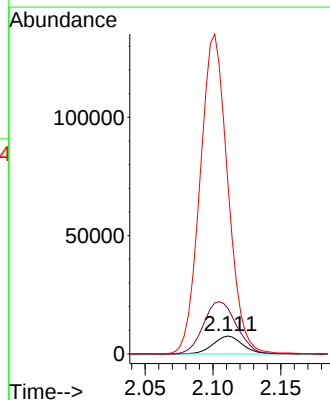
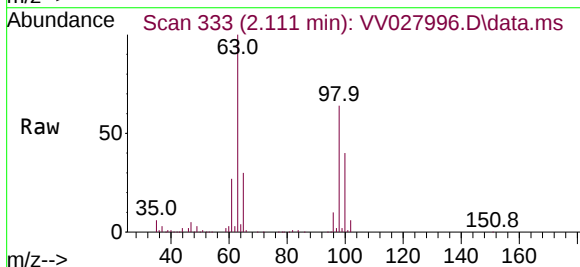
Tgt Ion: 96 Resp: 11483

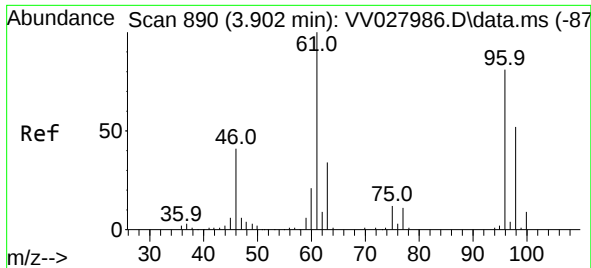
Ion Ratio Lower Upper

96 100

61 254.2 123.7 229.7#

63 953.3 108.6 201.6#

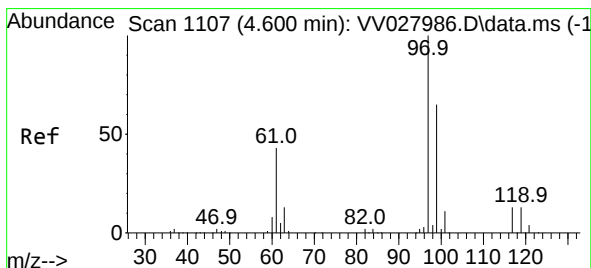
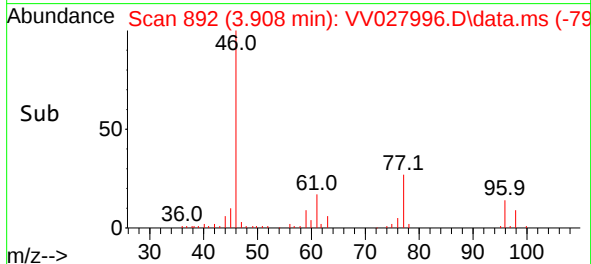
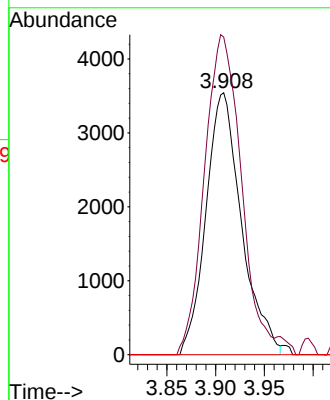
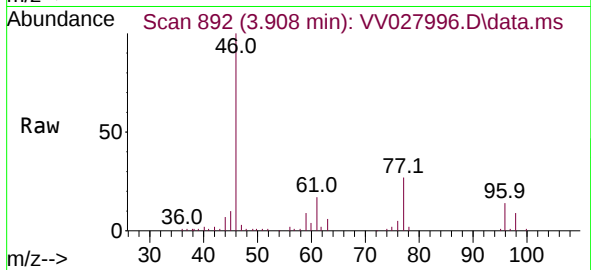




#20
 cis-1,2-Dichloroethene
 Concen: 3.452 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.006 min
 Lab File: VV027996.D
 Acq: 21 Sep 2022 05:32

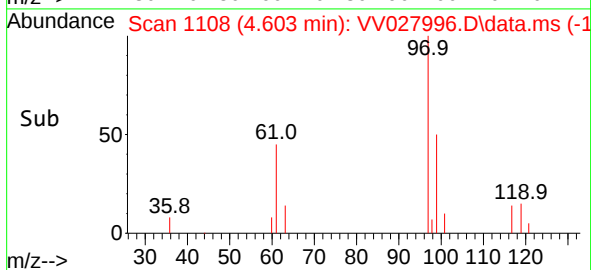
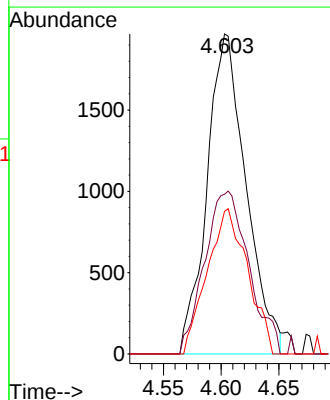
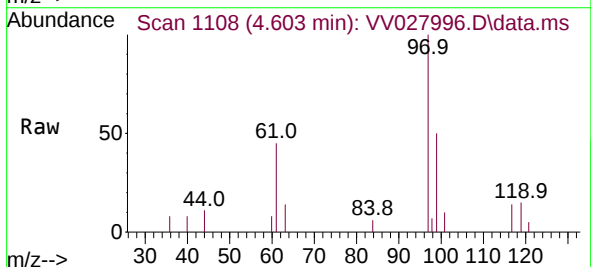
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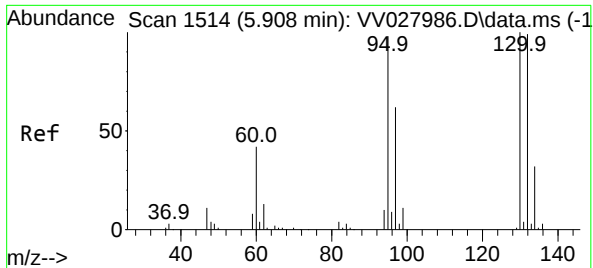
Tgt Ion: 96 Resp: 9009
 Ion Ratio Lower Upper
 96 100
 61 121.2 84.4 156.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.175 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV027996.D
 Acq: 21 Sep 2022 05:32

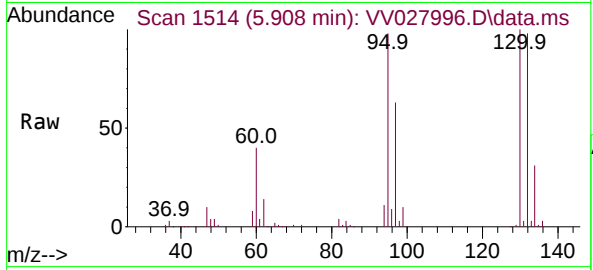
Tgt Ion: 97 Resp: 4630
 Ion Ratio Lower Upper
 97 100
 99 55.2 51.4 77.0
 61 47.0 35.2 52.8





#34
 Trichloroethene
 Concen: 59.172 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV027996.D
 Acq: 21 Sep 2022 05:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EA7



Tgt Ion: 95 Resp: 139987

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.2
132	100.2	69.2	128.6
130	102.5	71.1	132.1

