

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029681.D
 Acq On : 14 Dec 2022 03:23
 Operator : SY/MD
 Sample : N5980-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ES3

Quant Time: Dec 14 04:35:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 23:56:43 2022
 Response via : Initial Calibration

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

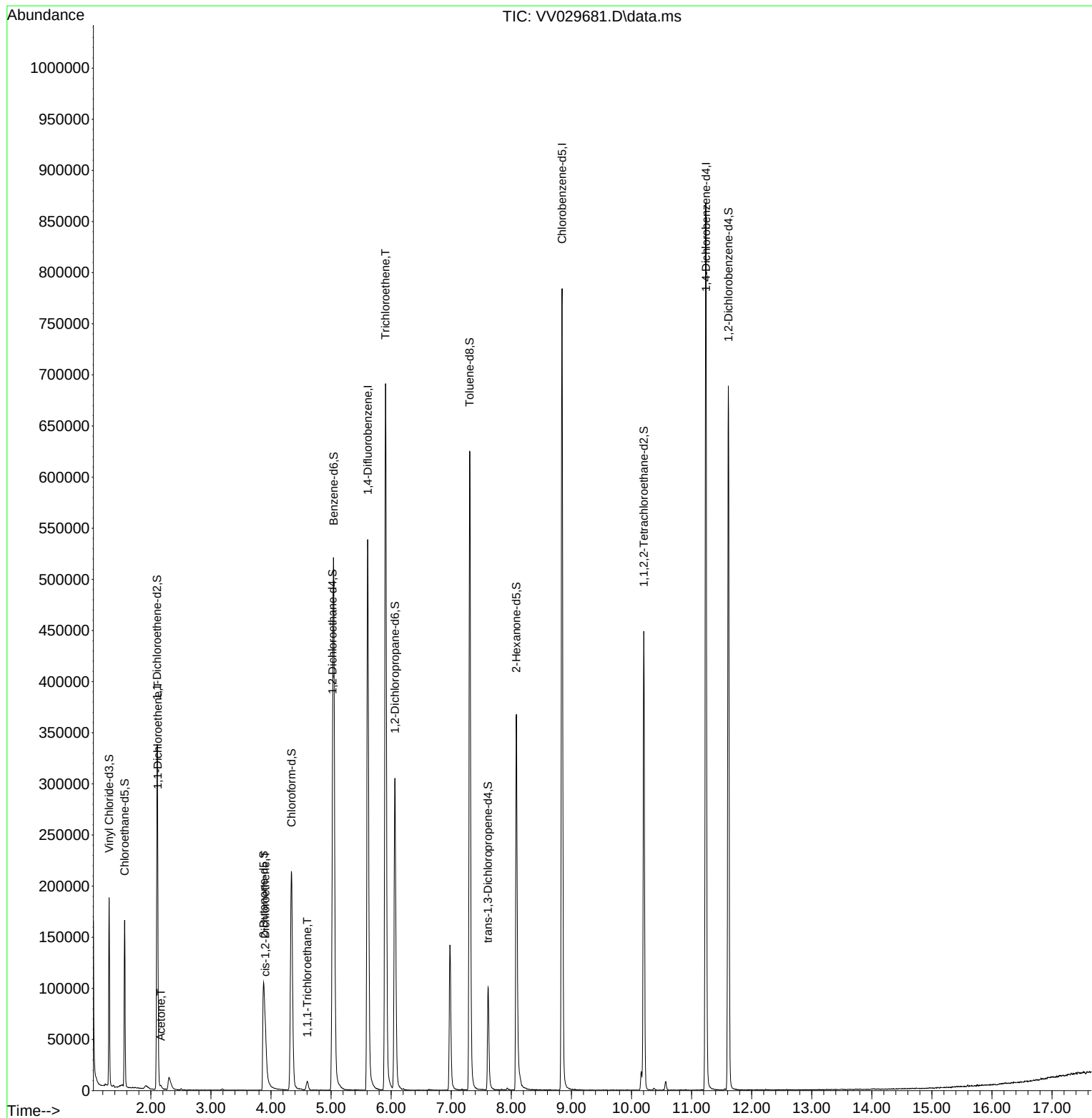
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	498407	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	457206	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	238507	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117671	38.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.100%
7) Chloroethane-d5	1.564	69	104879	45.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.105	63	170039	35.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.440%
21) 2-Butanone-d5	3.876	46	174853	93.915	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.910%
24) Chloroform-d	4.339	84	234727	40.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.740%
26) 1,2-Dichloroethane-d4	5.024	65	140801	42.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.840%
32) Benzene-d6	5.043	84	496266	41.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.160%
36) 1,2-Dichloropropane-d6	6.063	67	159761	43.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.580%
41) Toluene-d8	7.307	98	441818	38.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.620%#
43) trans-1,3-Dichloroprop...	7.612	79	63382	34.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.020%
47) 2-Hexanone-d5	8.082	63	140420	89.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.110%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	224020	42.482	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.960%
66) 1,2-Dichlorobenzene-d4	11.612	152	182883	40.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	17704	6.645	ug/L #	1
13) Acetone	2.169	43	3637	2.999	ug/L	74
20) cis-1,2-Dichloroethene	3.905	96	17524	5.192	ug/L	90
30) 1,1,1-Trichloroethane	4.603	97	7467	1.499	ug/L	98
34) Trichloroethene	5.905	95	250192	77.474	ug/L	99

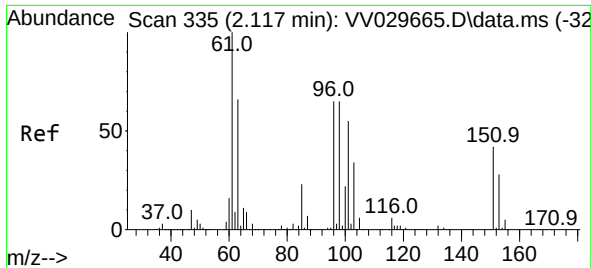
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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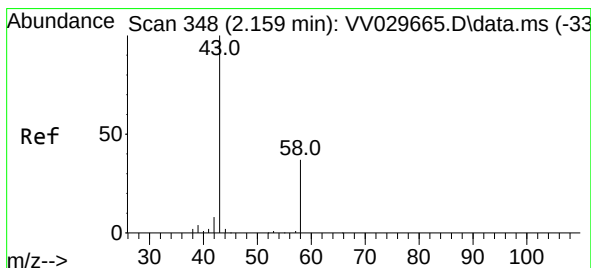
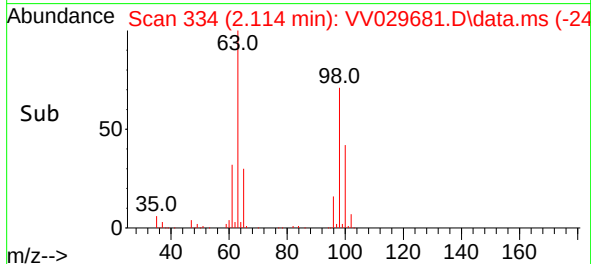
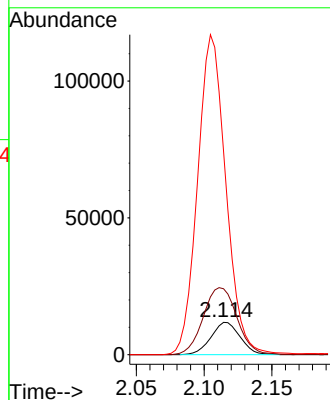
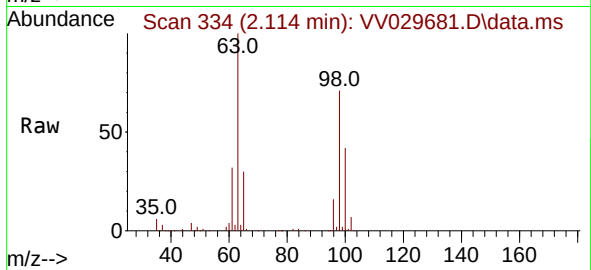




#12
1,1-Dichloroethene
Concen: 6.645 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029681.D
Acq: 14 Dec 2022 03:23

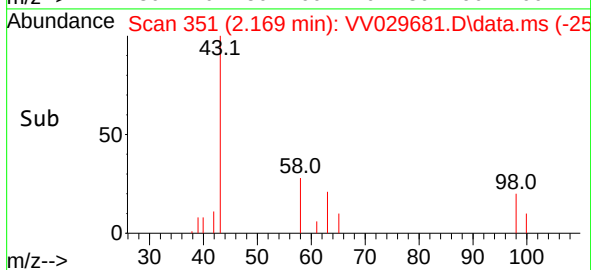
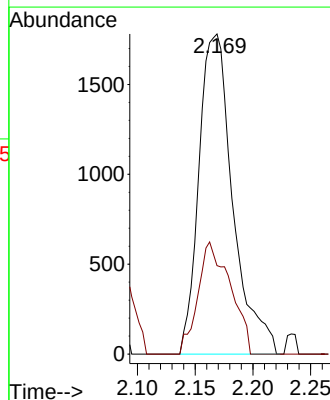
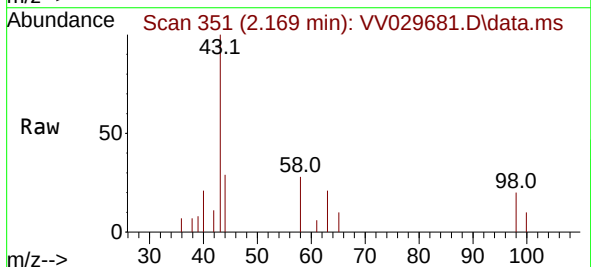
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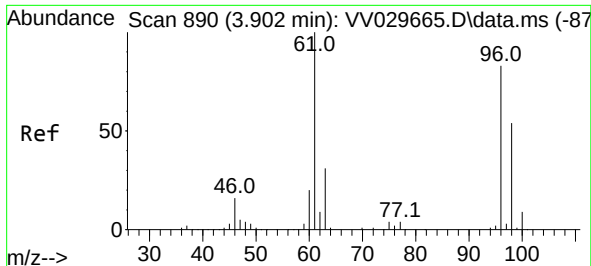
Tgt Ion: 96 Resp: 17704
Ion Ratio Lower Upper
96 100
61 204.0 103.3 191.9#
63 629.3 77.3 143.7#



#13
Acetone
Concen: 2.999 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.010 min
Lab File: VV029681.D
Acq: 14 Dec 2022 03:23

Tgt Ion: 43 Resp: 3637
Ion Ratio Lower Upper
43 100
58 22.0 0.0 74.8

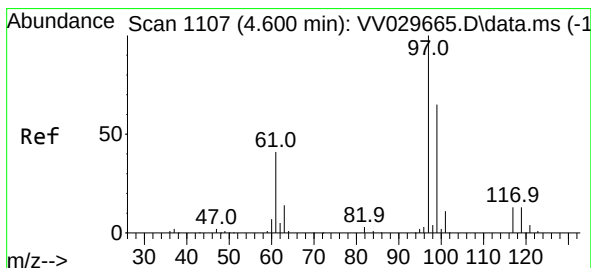
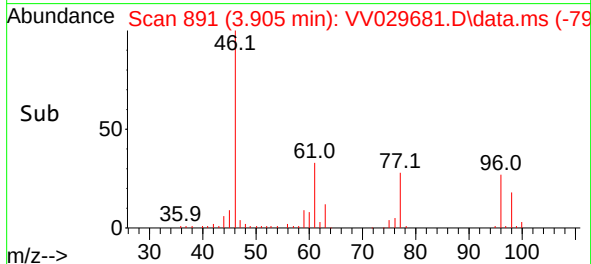
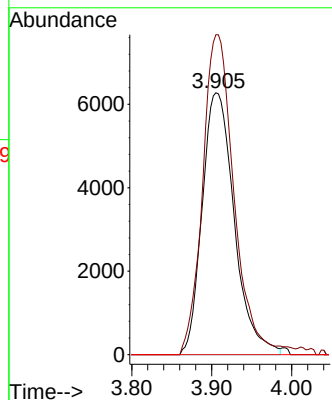
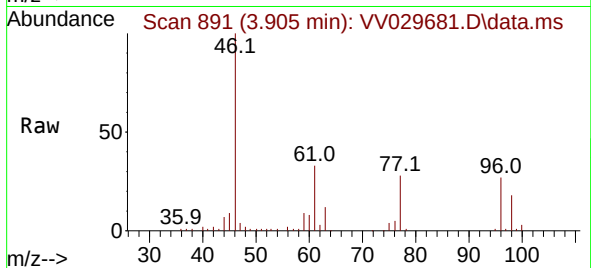




#20
cis-1,2-Dichloroethene
Concen: 5.192 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV029681.D
Acq: 14 Dec 2022 03:23

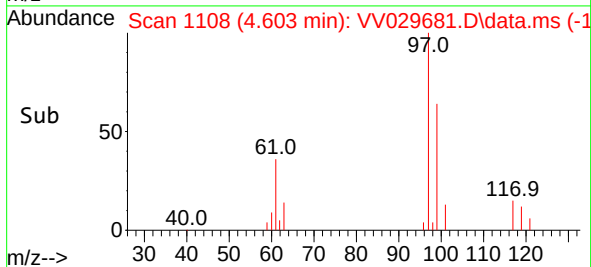
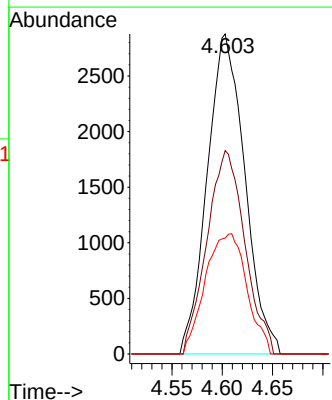
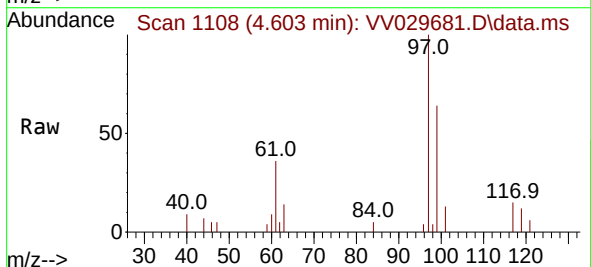
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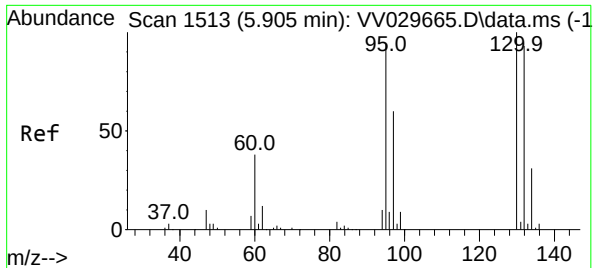
Tgt Ion: 96 Resp: 17524
Ion Ratio Lower Upper
96 100
61 122.2 78.0 144.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 1.499 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV029681.D
Acq: 14 Dec 2022 03:23

Tgt Ion: 97 Resp: 7467
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 41.6 31.8 47.8





#34
 Trichloroethene
 Concen: 77.474 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV029681.D
 Acq: 14 Dec 2022 03:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ES3

Tgt Ion: 95 Resp: 250192

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.0	81.8
132	99.9	69.9	129.9
130	103.8	73.7	136.9

