

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029670.D
 Acq On : 13 Dec 2022 23:04
 Operator : SY/MD
 Sample : N5980-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EQ0

Quant Time: Dec 14 01:13:45 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)

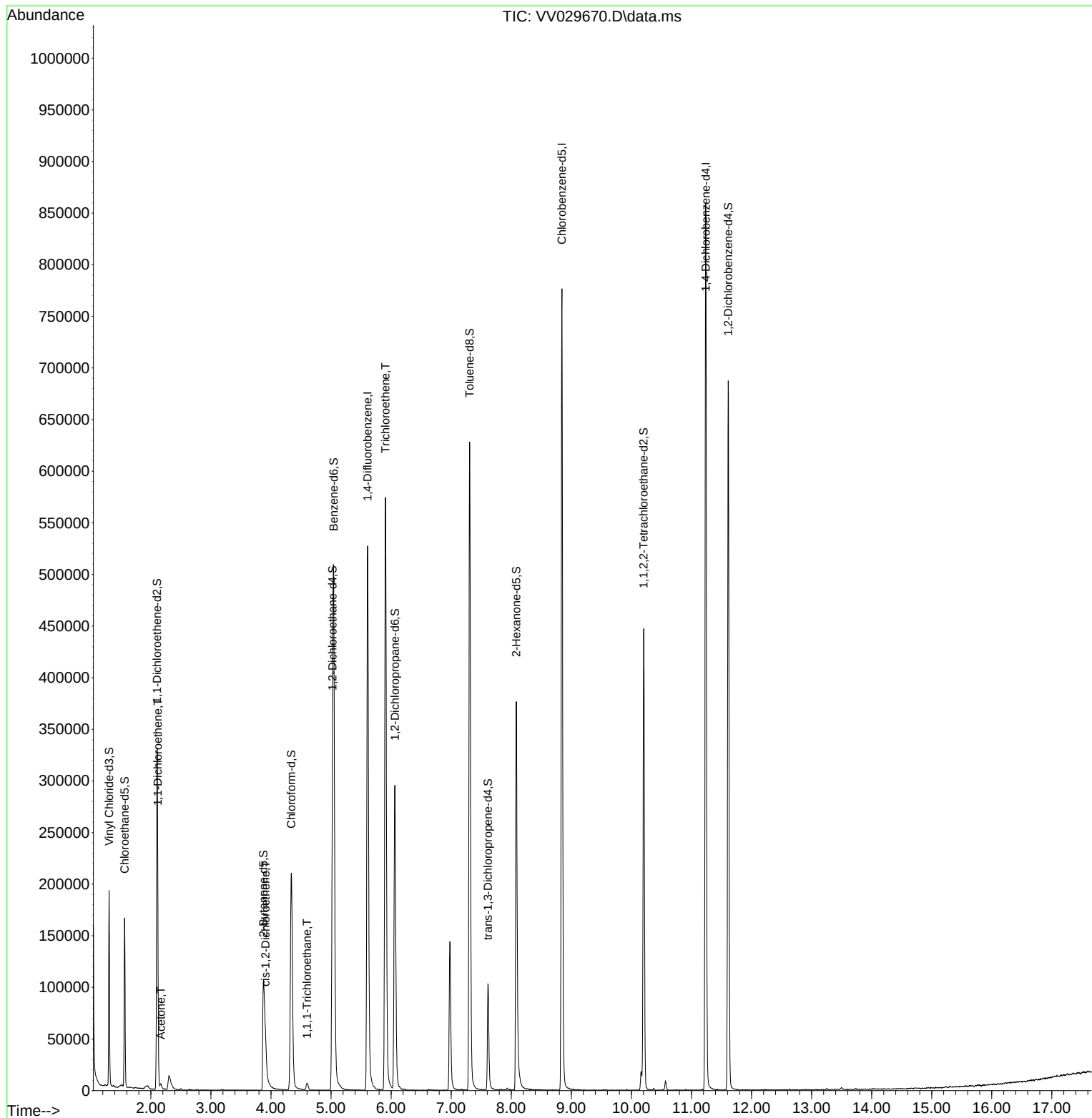
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	485176	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	449633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	237336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115742	38.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.920%
7) Chloroethane-d5	1.565	69	103633	45.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	2.105	63	168212	36.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.600%
21) 2-Butanone-d5	3.873	46	169964	93.779	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	4.339	84	229060	40.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.940%
26) 1,2-Dichloroethane-d4	5.024	65	136949	42.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
32) Benzene-d6	5.043	84	491805	41.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.780%
36) 1,2-Dichloropropane-d6	6.063	67	154755	42.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.280%
41) Toluene-d8	7.307	98	441566	39.445	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.900%#
43) trans-1,3-Dichloroprop...	7.612	79	62882	34.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.620%
47) 2-Hexanone-d5	8.085	63	142818	92.159	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.160%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	220973	42.610	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.220%
66) 1,2-Dichlorobenzene-d4	11.612	152	183904	40.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.420%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	15095	5.821	ug/L	# 1
13) Acetone	2.166	43	4086	3.461	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	13482	4.103	ug/L	86
30) 1,1,1-Trichloroethane	4.600	97	6018	1.228	ug/L	99
34) Trichloroethene	5.905	95	207715	65.404	ug/L	99

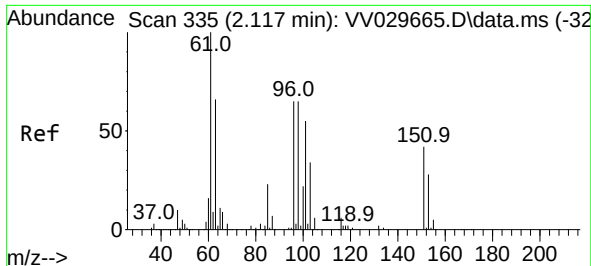
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.821 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

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Acq: 13 Dec 2022 23:04

Instrument :

MSVOA_V

ClientSampleId :

C0EQ0

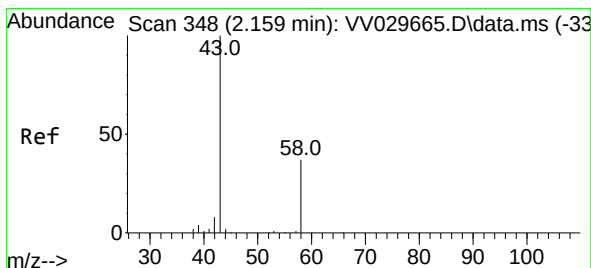
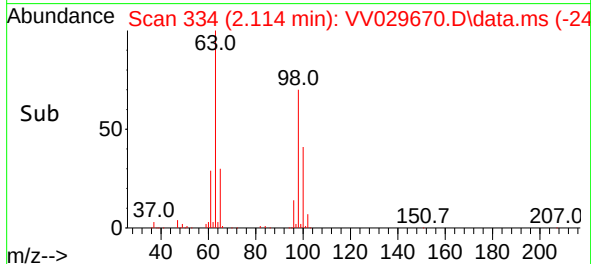
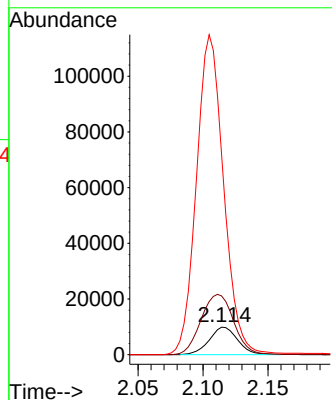
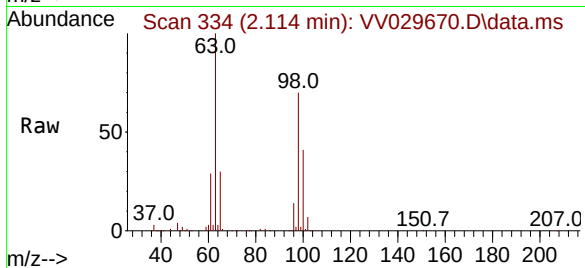
Tgt Ion: 96 Resp: 15095

Ion Ratio Lower Upper

96 100

61 213.2 103.3 191.9#

63 723.6 77.3 143.7#



#13

Acetone

Concen: 3.461 ug/L

RT: 2.166 min Scan# 350

Delta R.T. 0.007 min

Lab File: VV029670.D

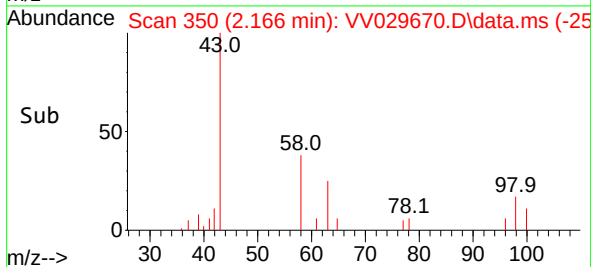
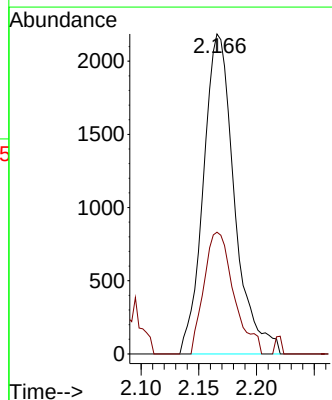
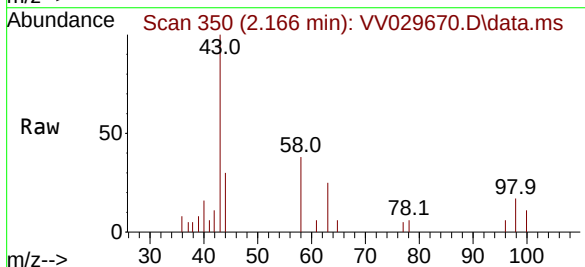
Acq: 13 Dec 2022 23:04

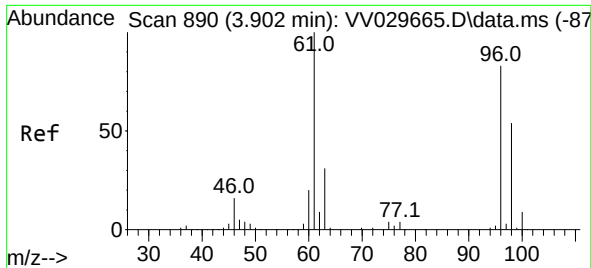
Tgt Ion: 43 Resp: 4086

Ion Ratio Lower Upper

43 100

58 35.2 0.0 74.8

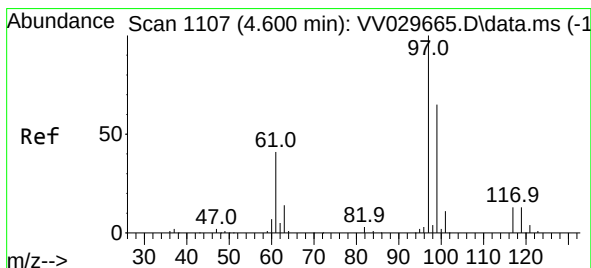
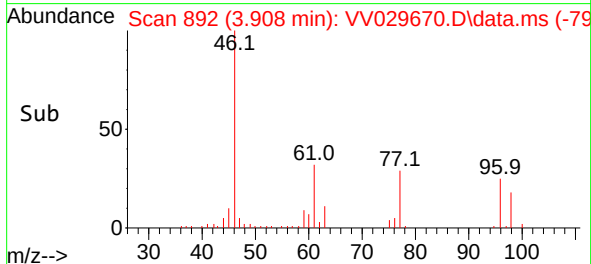
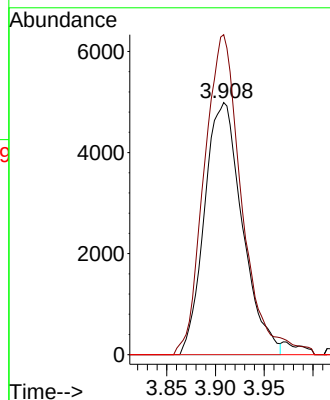
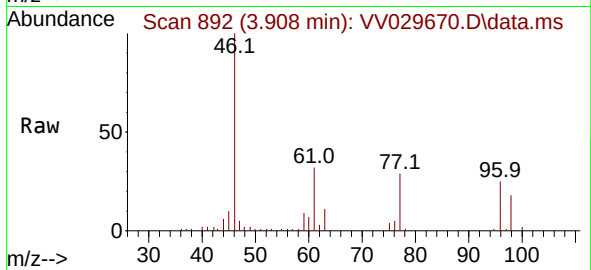




#20
 cis-1,2-Dichloroethene
 Concen: 4.103 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.007 min
 Lab File: VV029670.D
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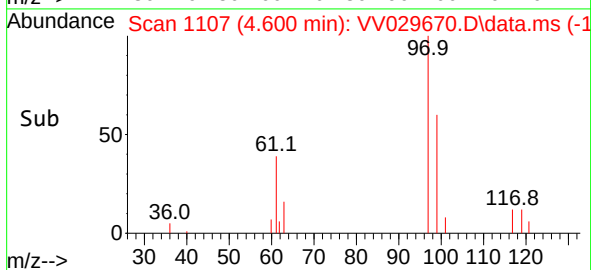
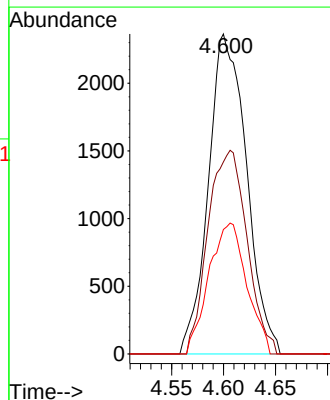
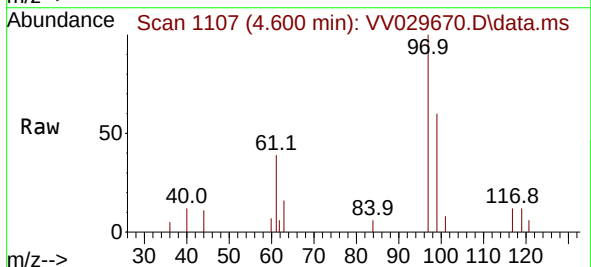
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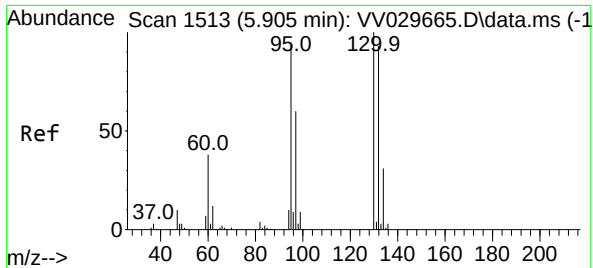
Tgt Ion: 96 Resp: 13482
 Ion Ratio Lower Upper
 96 100
 61 126.9 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.228 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: VV029670.D
 Acq: 13 Dec 2022 23:04

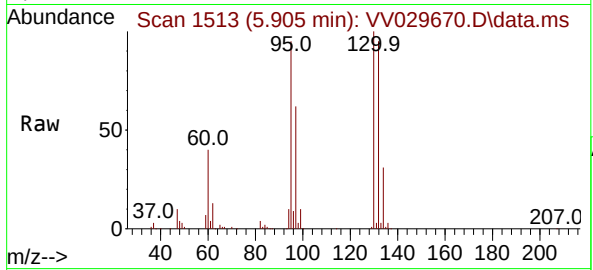
Tgt Ion: 97 Resp: 6018
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.1 78.1
 61 40.7 31.8 47.8





#34
 Trichloroethene
 Concen: 65.404 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV029670.D
 Acq: 13 Dec 2022 23:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EQ0



Tgt Ion:	95	Resp:	207715
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.0	81.8
132	100.3	69.9	129.9
130	105.6	73.7	136.9

