

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029673.D
 Acq On : 14 Dec 2022 00:15
 Operator : SY/MD
 Sample : N5980-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EQ5

Quant Time: Dec 14 01:14:27 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)

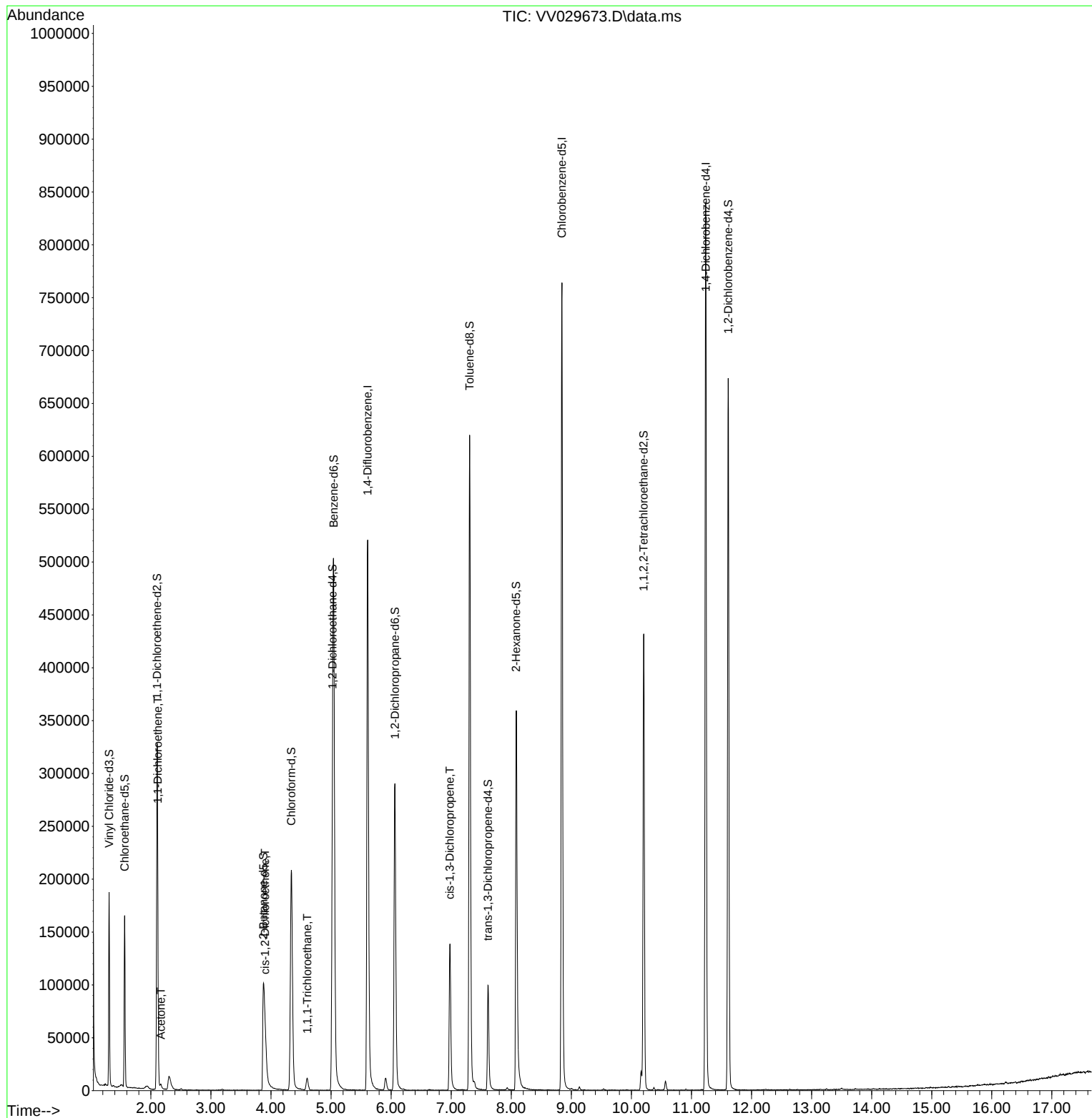
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	474885	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	442183	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	232807	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114685	39.438	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.880%
7) Chloroethane-d5	1.565	69	101530	45.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.580%
11) 1,1-Dichloroethene-d2	2.105	63	164118	36.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.360%
21) 2-Butanone-d5	3.873	46	165592	93.346	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.350%
24) Chloroform-d	4.339	84	229233	41.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.780%
26) 1,2-Dichloroethane-d4	5.024	65	137047	43.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.700%
32) Benzene-d6	5.043	84	488361	41.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.063	67	151595	42.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.960%
41) Toluene-d8	7.307	98	432215	39.260	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.520%#
43) trans-1,3-Dichloroprop...	7.612	79	60748	33.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.420%
47) 2-Hexanone-d5	8.082	63	136964	89.871	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.870%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	217986	42.743	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.480%
66) 1,2-Dichlorobenzene-d4	11.612	152	181897	41.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.080%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	13939	5.491	ug/L #	1
13) Acetone	2.166	43	3760	3.254	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	15534	4.830	ug/L	93
30) 1,1,1-Trichloroethane	4.603	97	9529	1.978	ug/L	99
39) cis-1,3-Dichloropropene	6.979	75	3468	0.701	ug/L #	68

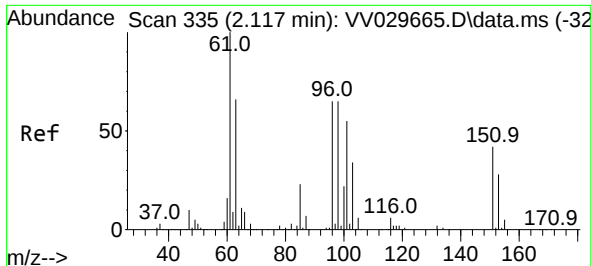
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.491 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029673.D

Acq: 14 Dec 2022 00:15

Instrument :

MSVOA_V

ClientSampleId :

C0EQ5

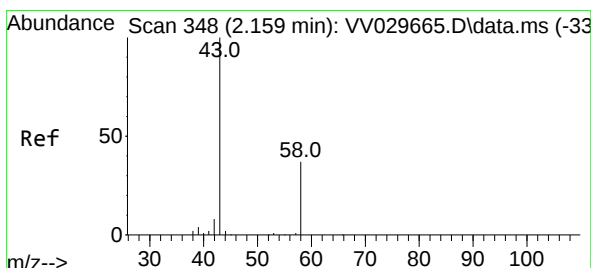
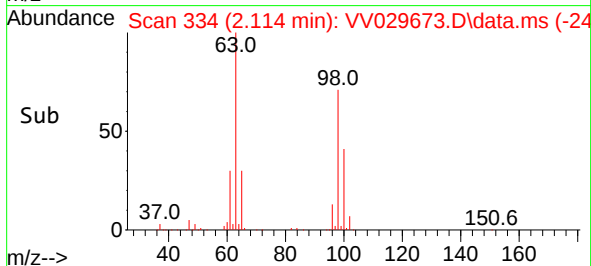
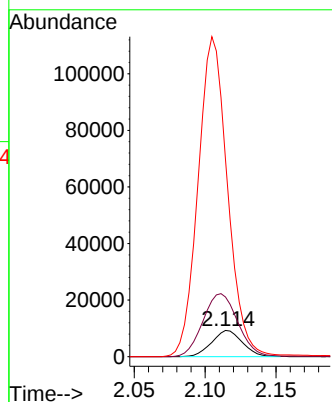
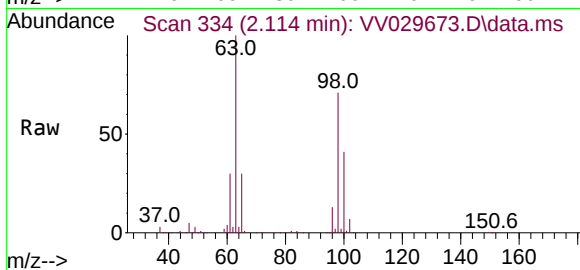
Tgt Ion: 96 Resp: 13939

Ion Ratio Lower Upper

96 100

61 227.6 103.3 191.9#

63 752.4 77.3 143.7#



#13

Acetone

Concen: 3.254 ug/L

RT: 2.166 min Scan# 350

Delta R.T. 0.007 min

Lab File: VV029673.D

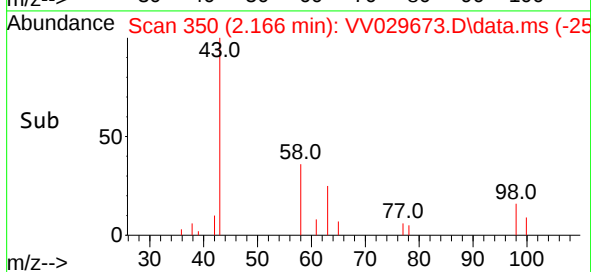
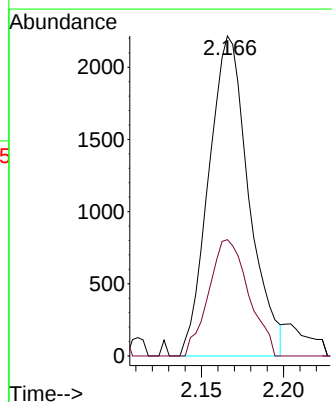
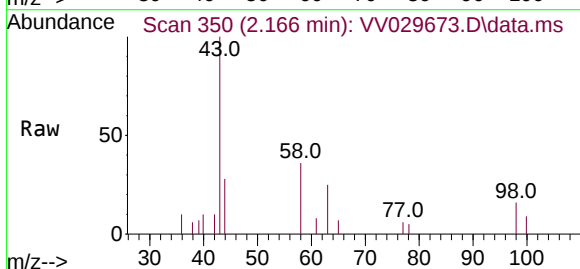
Acq: 14 Dec 2022 00:15

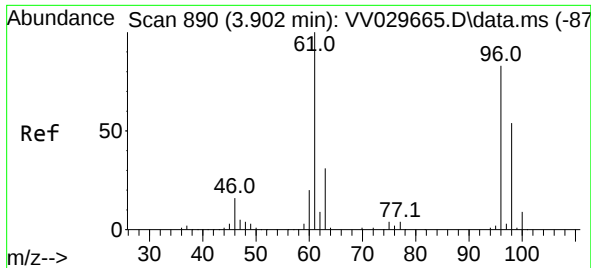
Tgt Ion: 43 Resp: 3760

Ion Ratio Lower Upper

43 100

58 36.3 0.0 74.8

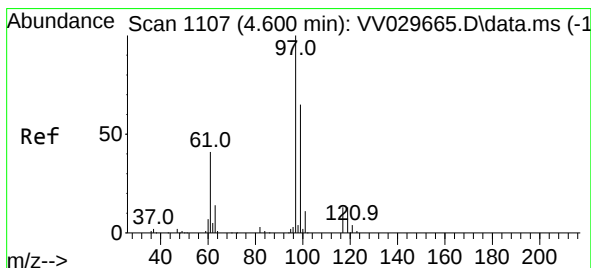
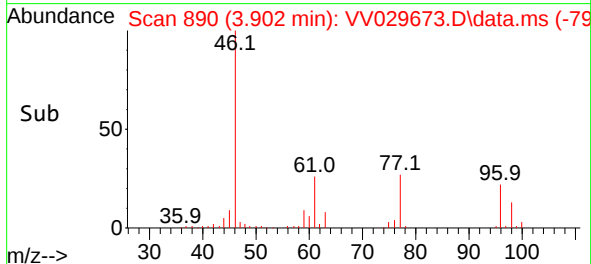
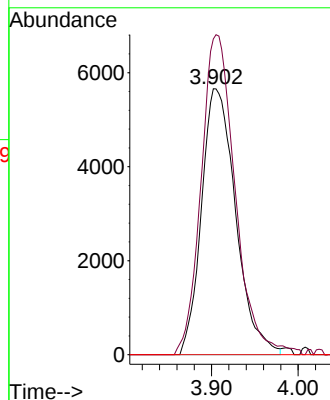
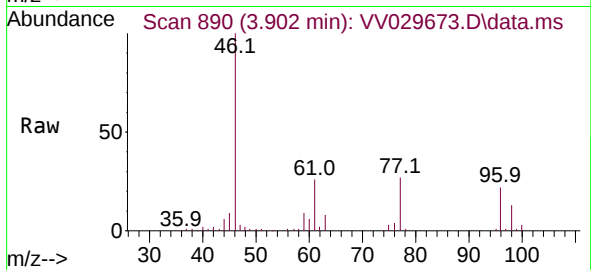




#20
 cis-1,2-Dichloroethene
 Concen: 4.830 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029673.D
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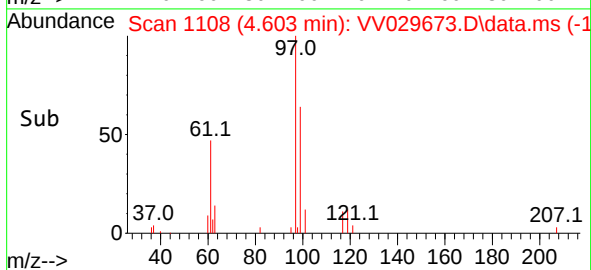
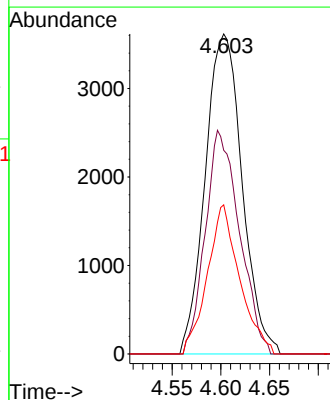
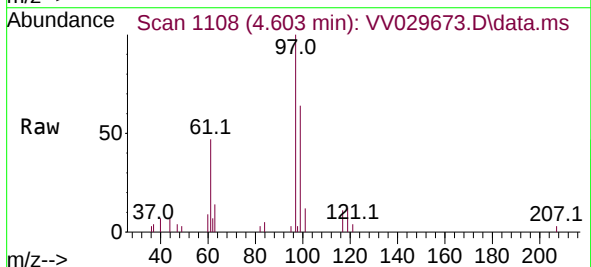
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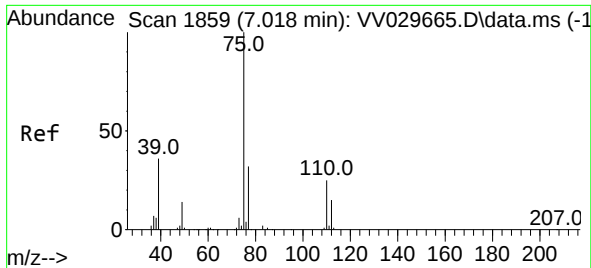
Tgt Ion: 96 Resp: 15534
 Ion Ratio Lower Upper
 96 100
 61 118.7 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.978 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV029673.D
 Acq: 14 Dec 2022 00:15

Tgt Ion: 97 Resp: 9529
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.1 78.1
 61 40.8 31.8 47.8





#39
 cis-1,3-Dichloropropene
 Concen: 0.701 ug/L
 RT: 6.979 min Scan# 11
 Delta R.T. -0.038 min
 Lab File: VV029673.D
 Acq: 14 Dec 2022 00:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EQ5

Tgt Ion: 75 Resp: 3468
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.9 40.7#

