

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026977.D
 Acq On : 27 Jul 2022 02:07
 Operator : SY/MD
 Sample : N3880-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF4

Quant Time: Jul 27 07:02:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

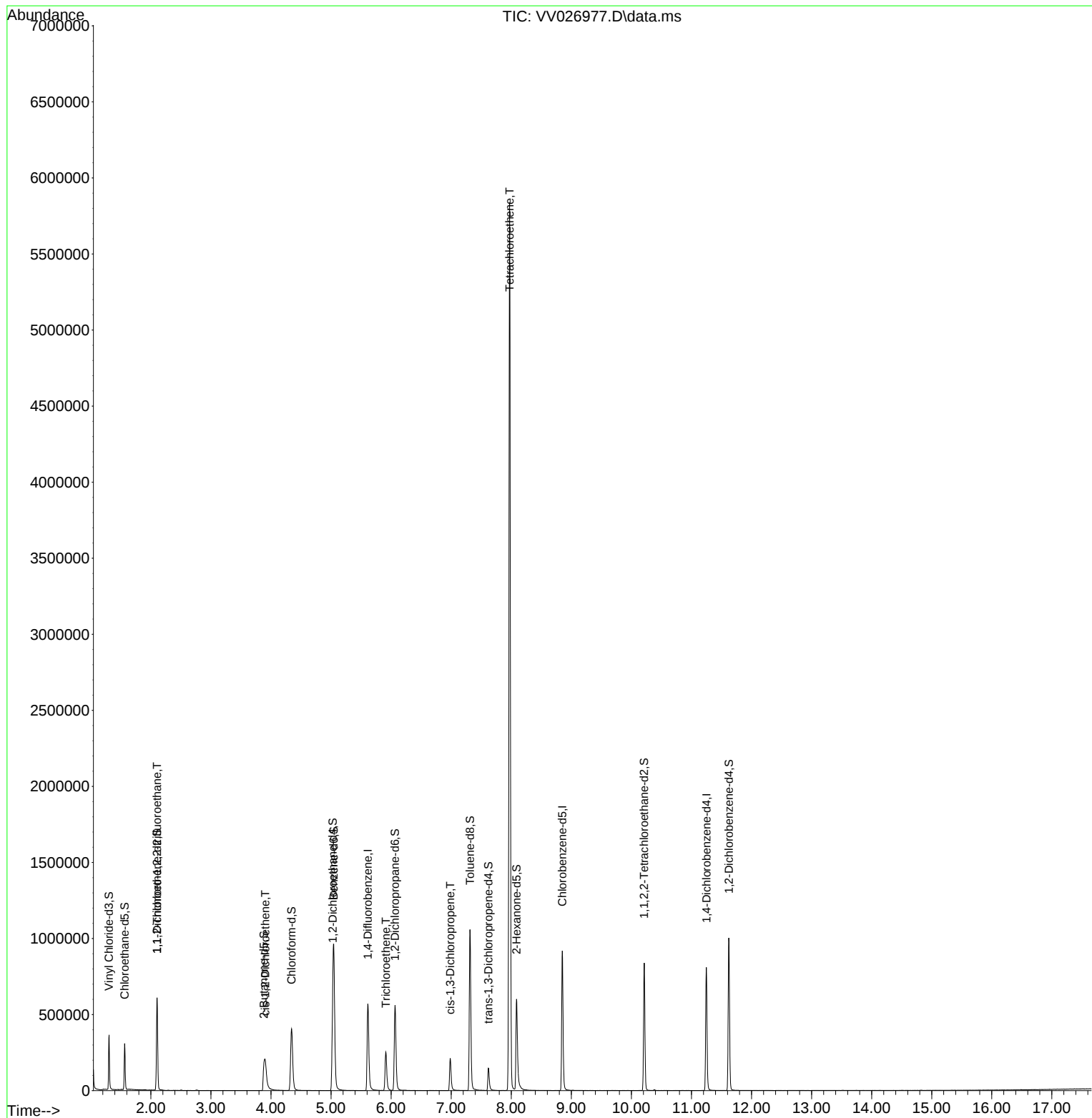
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	524752	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	524466	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	223597	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	237397	53.940	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	107.880%	
7) Chloroethane-d5	1.564	69	197177	55.379	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	110.760%	
11) 1,1-Dichloroethene-d2	2.101	63	316457	39.967	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	79.940%	
21) 2-Butanone-d5	3.883	46	304128	102.519	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	102.520%	
24) Chloroform-d	4.342	84	447242	51.634	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.260%	
26) 1,2-Dichloroethane-d4	5.027	65	267072	53.903	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	107.800%	
32) Benzene-d6	5.043	84	900929	56.828	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	113.660%	
36) 1,2-Dichloropropane-d6	6.066	67	288576	56.484	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	112.960%	
41) Toluene-d8	7.313	98	737590	53.174	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.340%	
43) trans-1,3-Dichloroprop...	7.619	79	91309	42.653	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.300%	
47) 2-Hexanone-d5	8.088	63	219721	98.771	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	98.770%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	407075	52.450	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	104.900%	
66) 1,2-Dichlorobenzene-d4	11.622	152	269637	64.278	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	128.560%#	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	3182	0.733	ug/L #	26
20) cis-1,2-Dichloroethene	3.905	96	58211	12.884	ug/L	96
34) Trichloroethene	5.911	95	92200	21.273	ug/L	99
39) cis-1,3-Dichloropropene	6.985	75	5236	0.859	ug/L #	58
46) Tetrachloroethene	7.972	164	1290609	381.728	ug/L	98

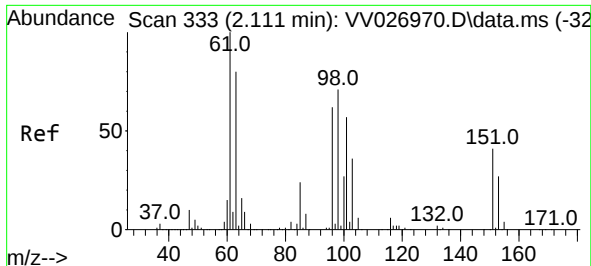
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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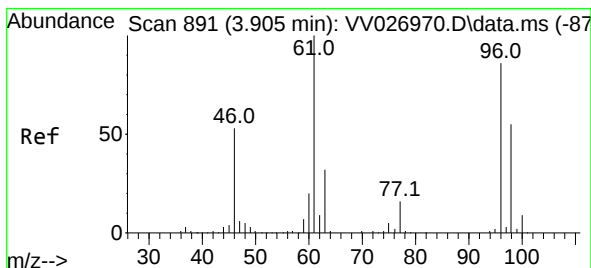
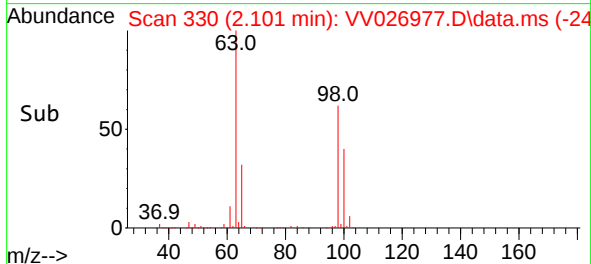
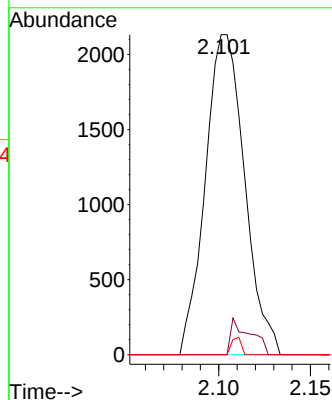
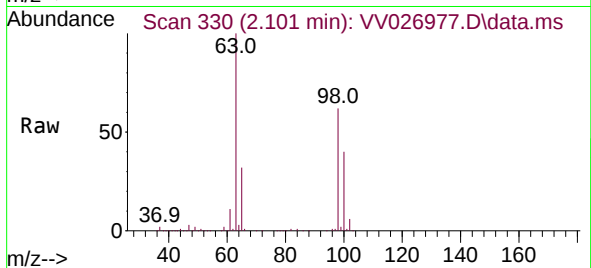




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.733 ug/L
 RT: 2.101 min Scan# 310
 Delta R.T. -0.010 min
 Lab File: VV026977.D
 Acq: 27 Jul 2022 02:07

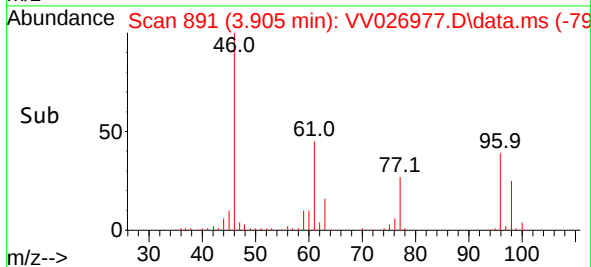
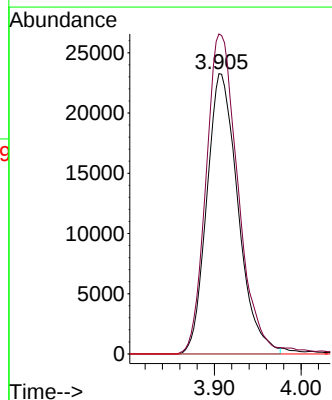
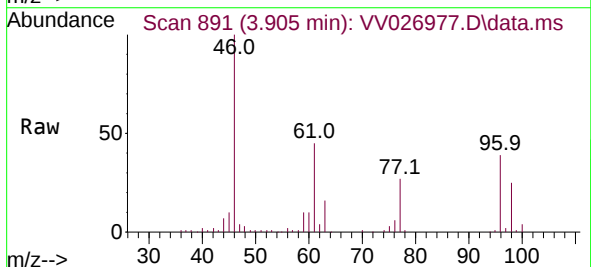
Instrument :
 MSVOA_V
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 DBUF4

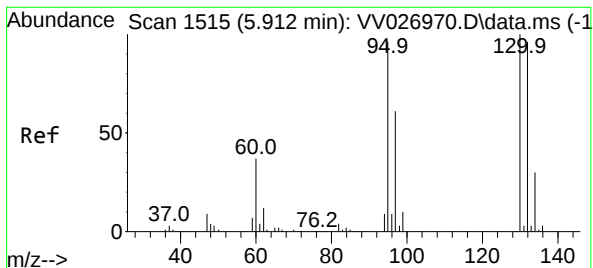
Tgt Ion:101 Resp: 3182
 Ion Ratio Lower Upper
 101 100
 85 5.6 33.1 49.7#
 151 1.3 57.1 85.7#



#20
 cis-1,2-Dichloroethene
 Concen: 12.884 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV026977.D
 Acq: 27 Jul 2022 02:07

Tgt Ion: 96 Resp: 58211
 Ion Ratio Lower Upper
 96 100
 61 114.2 83.0 154.1
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 21.273 ug/L

RT: 5.911 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026977.D

Acq: 27 Jul 2022 02:07

Instrument :

MSVOA_V

ClientSampleId :

DBUF4

Tgt Ion: 95 Resp: 92200

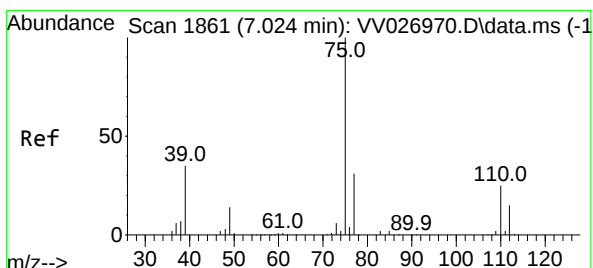
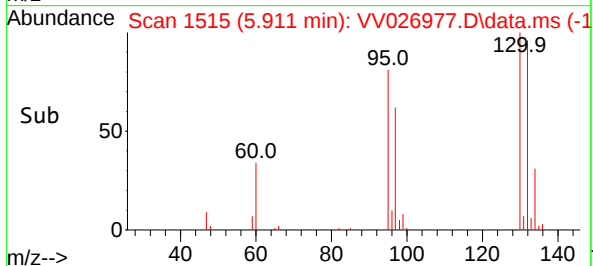
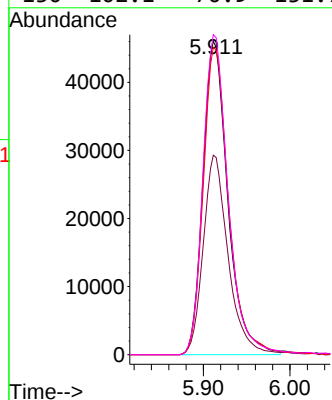
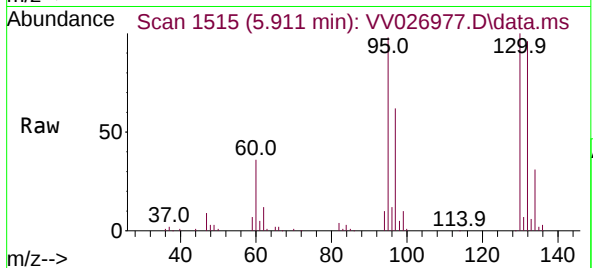
Ion Ratio Lower Upper

95 100

97 63.7 45.9 85.3

132 98.0 68.1 126.5

130 102.1 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.859 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV026977.D

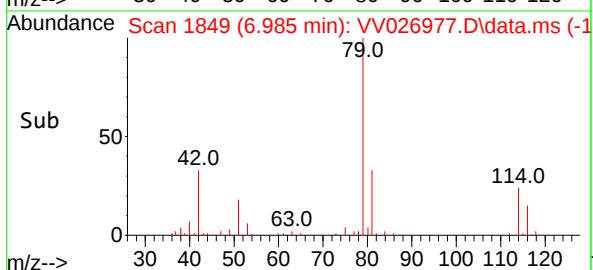
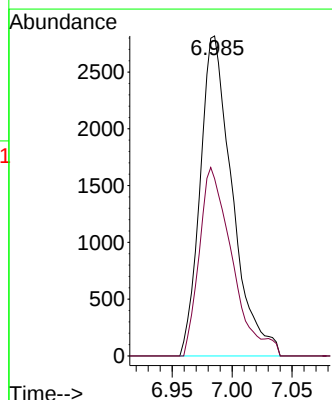
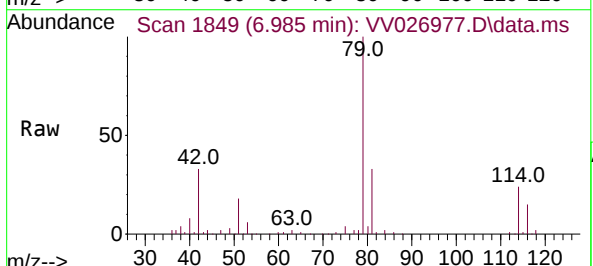
Acq: 27 Jul 2022 02:07

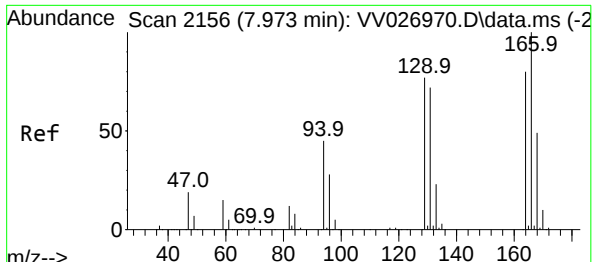
Tgt Ion: 75 Resp: 5236

Ion Ratio Lower Upper

75 100

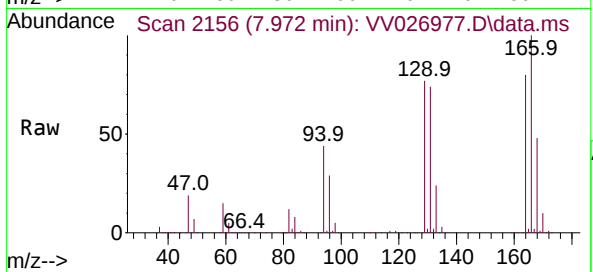
77 55.4 22.4 41.6#





#46
 Tetrachloroethene
 Concen: 381.728 ug/L
 RT: 7.972 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026977.D
 Acq: 27 Jul 2022 02:07

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 MSVOA_V
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Tgt Ion:164 Resp: 1290609

Ion	Ratio	Lower	Upper
164	100		
129	97.1	66.3	123.1
131	92.4	63.1	117.3
166	125.3	86.2	160.2

