

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027232.D
 Acq On : 05 Aug 2022 18:12
 Operator : SY/MD
 Sample : N4021-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:01:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

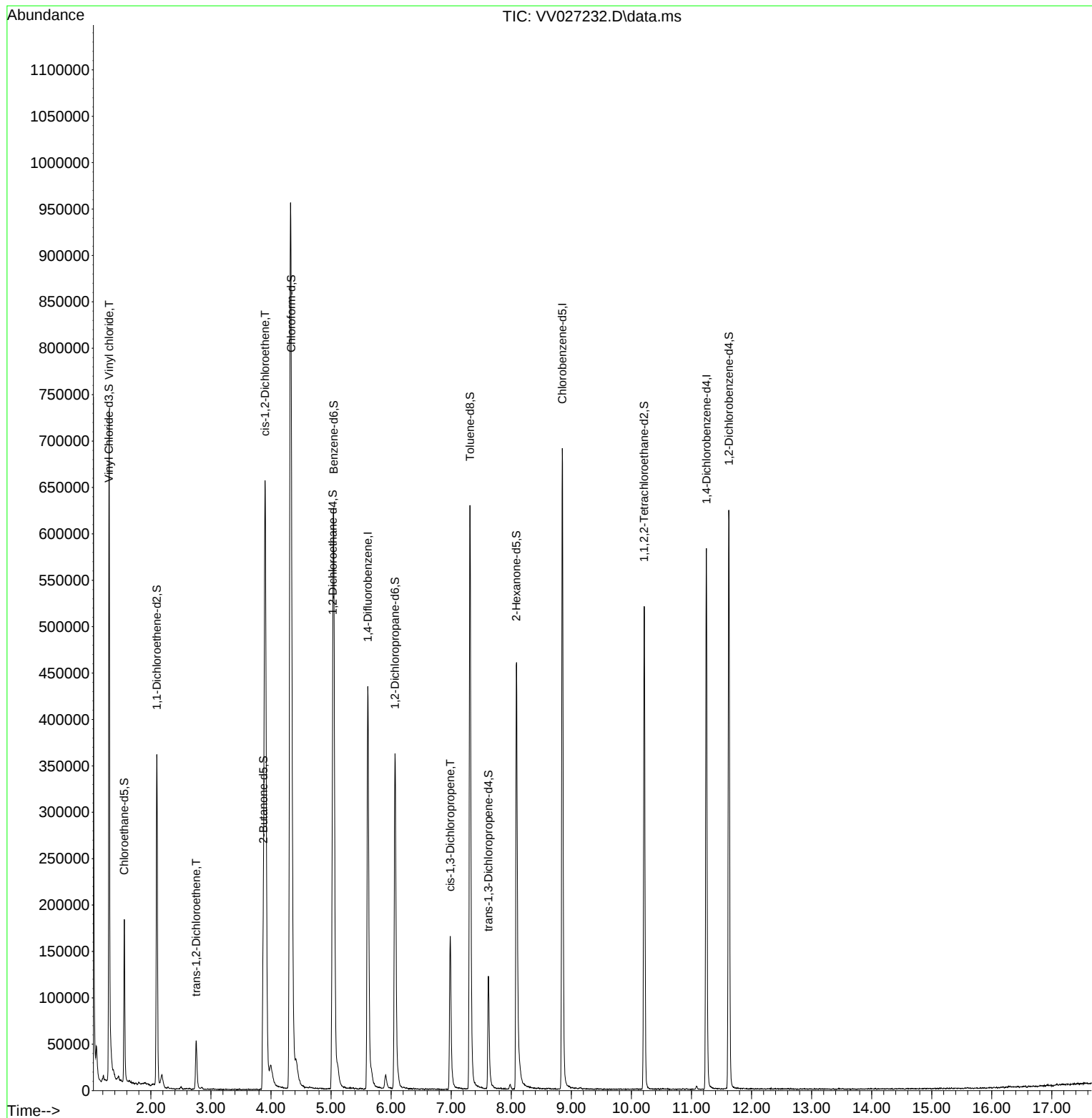
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	369093	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	369011	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	144021	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	149116	59.258	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	118.520%	
7) Chloroethane-d5	1.558	69	115792	62.943	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	125.880%	
11) 1,1-Dichloroethene-d2	2.098	63	191991	41.711	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	83.420%	
21) 2-Butanone-d5	3.873	46	216972	96.867	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	96.870%	
24) Chloroform-d	4.339	84	263020	51.027	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.060%	
26) 1,2-Dichloroethane-d4	5.027	65	178184	55.677	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	111.360%	
32) Benzene-d6	5.043	84	545204	61.611	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	123.220%	
36) 1,2-Dichloropropane-d6	6.066	67	183136	58.179	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	116.360%	
41) Toluene-d8	7.313	98	426929	56.601	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	113.200%	
43) trans-1,3-Dichloroprop...	7.619	79	70478	51.367	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	102.740%	
47) 2-Hexanone-d5	8.085	63	147630	97.375	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	97.370%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	246008	47.957	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	95.920%	
66) 1,2-Dichlorobenzene-d4	11.622	152	154341	62.056	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	124.120%#	
Target Compounds						
5) Vinyl chloride	1.307	62	366769	98.153	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	19088	6.745	ug/L	91
20) cis-1,2-Dichloroethene	3.902	96	332010	112.930	ug/L	85
39) cis-1,3-Dichloropropene	6.985	75	4501	1.023	ug/L #	53

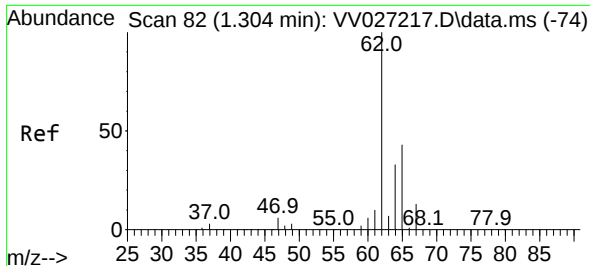
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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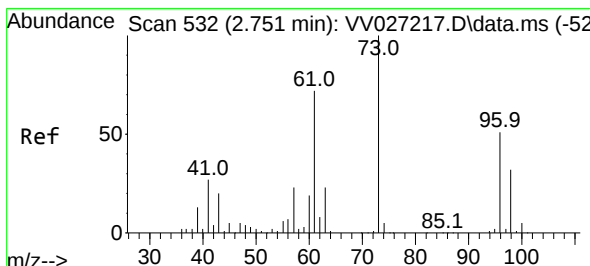
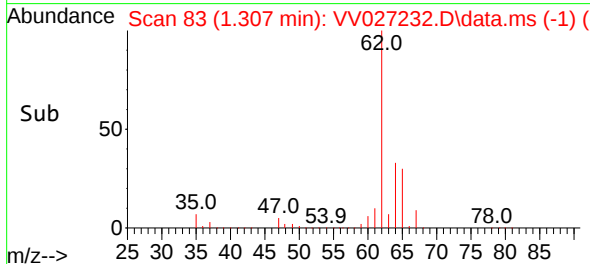
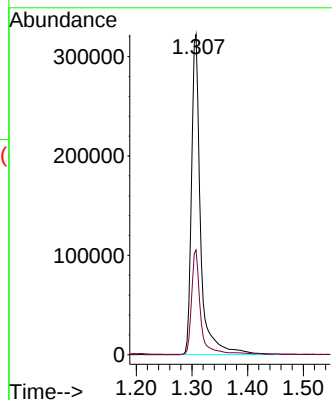
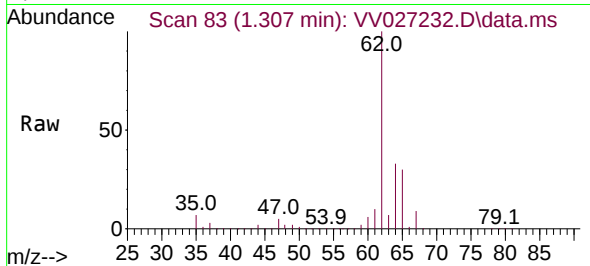




#5
 Vinyl chloride
 Concen: 98.153 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027232.D
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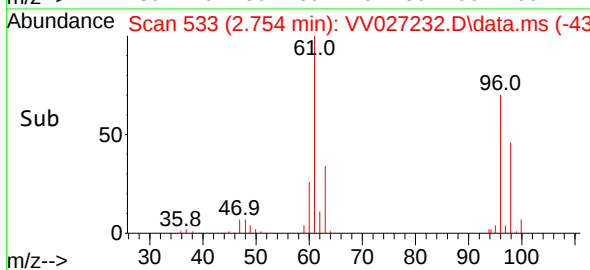
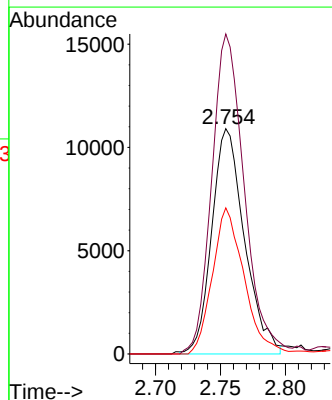
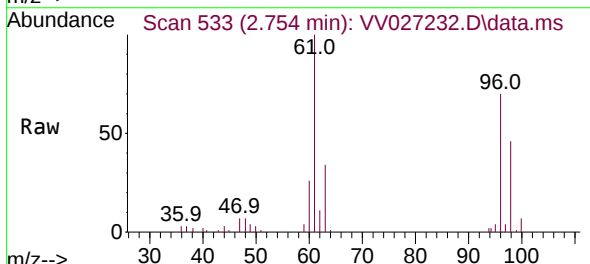
Instrument :
 MSVOA_V
 ClientSampleId :

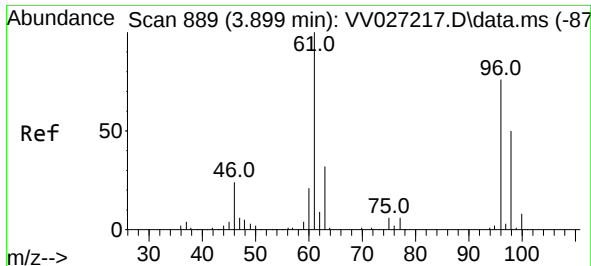
Tgt Ion: 62 Resp: 366769
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#17
 trans-1,2-Dichloroethene
 Concen: 6.745 ug/L
 RT: 2.754 min Scan# 533
 Delta R.T. 0.003 min
 Lab File: VV027232.D
 Acq: 05 Aug 2022 18:12

Tgt Ion: 96 Resp: 19088
 Ion Ratio Lower Upper
 96 100
 61 142.0 89.2 165.6
 98 64.9 44.6 82.8

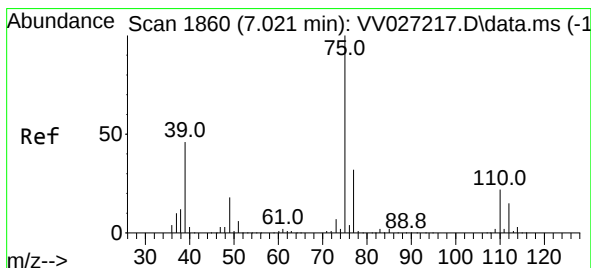
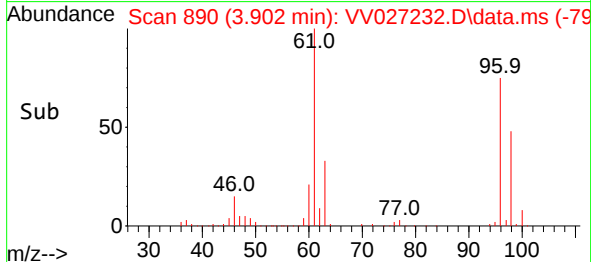
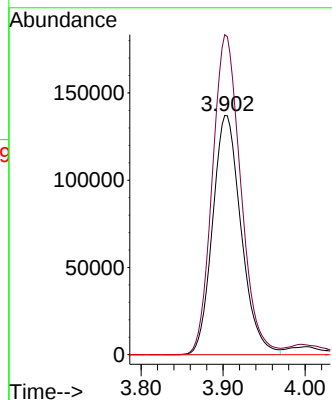
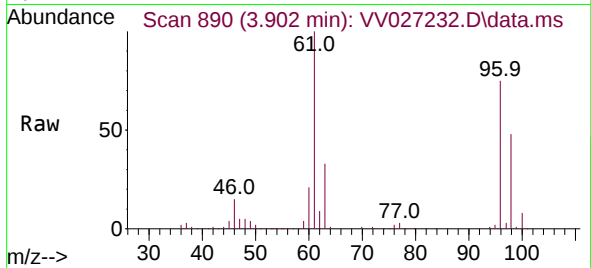




#20
 cis-1,2-Dichloroethene
 Concen: 112.930 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV027232.D
 Acq: 05 Aug 2022 18:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 332010
 Ion Ratio Lower Upper
 96 100
 61 133.7 81.8 151.8
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.023 ug/L
 RT: 6.985 min Scan# 1849
 Delta R.T. -0.035 min
 Lab File: VV027232.D
 Acq: 05 Aug 2022 18:12

Tgt Ion: 75 Resp: 4501
 Ion Ratio Lower Upper
 75 100
 77 58.4 22.5 41.7#

