

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020865.D
 Acq On : 02 Apr 2021 02:21
 Operator : SY/MD
 Sample : M1845-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C6

Quant Time: Apr 02 08:33:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

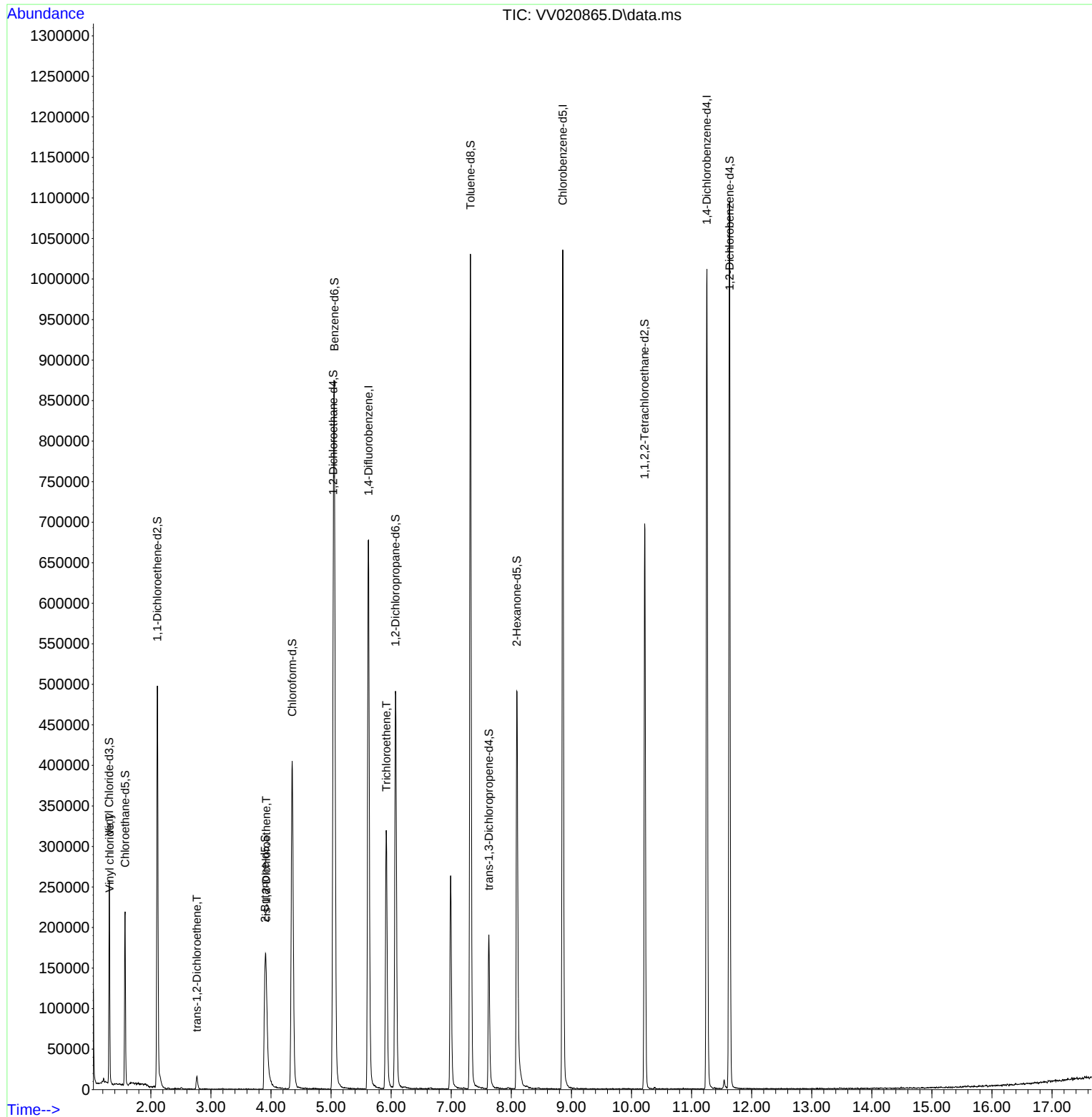
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	597848	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	575076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	274964	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	141849	33.42	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	66.84%	
7) Chloroethane-d5	1.571	69	132666	41.34	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.68%	
11) 1,1-Dichloroethene-d2	2.108	63	250519	31.28	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.56%	
21) 2-Butanone-d5	3.899	46	232358	84.15	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.15%	
24) Chloroform-d	4.352	84	412967	48.95	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.90%	
26) 1,2-Dichloroethane-d4	5.037	65	275882	49.64	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.28%	
32) Benzene-d6	5.053	84	742113	48.41	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.82%	
36) 1,2-Dichloropropane-d6	6.072	67	222204	47.22	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.44%	
41) Toluene-d8	7.320	98	683841	47.93	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.86%	
43) trans-1,3-Dichloroprop...	7.625	79	114599	45.77	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.54%	
47) 2-Hexanone-d5	8.092	63	173350	87.86	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.86%	
57) 1,1,2,2-Tetrachloroeth...	10.220	84	302557	44.14	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.28%	
64) 1,2-Dichlorobenzene-d4	11.632	152	284818	53.37	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.74%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	10852	2.38	ug/L	# 69
17) trans-1,2-Dichloroethene	2.767	96	5985	1.50	ug/L	91
20) cis-1,2-Dichloroethene	3.918	96	39668	9.27	ug/L	93
34) Trichloroethene	5.921	95	109443	25.17	ug/L	95

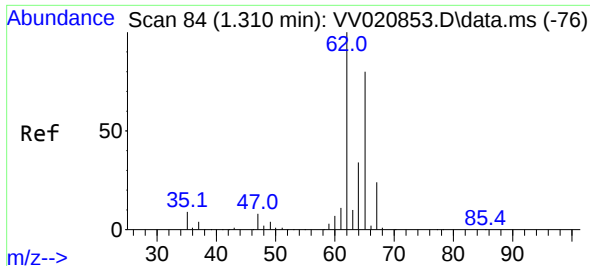
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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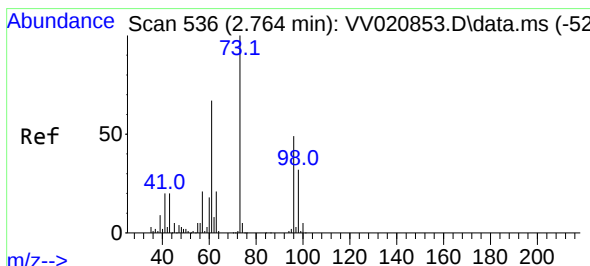
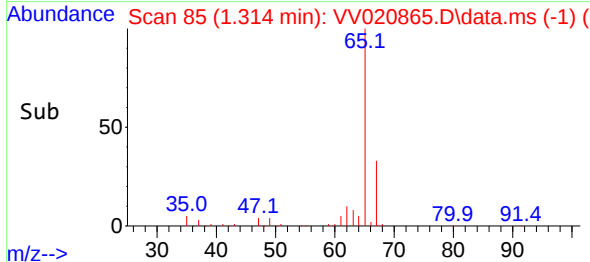
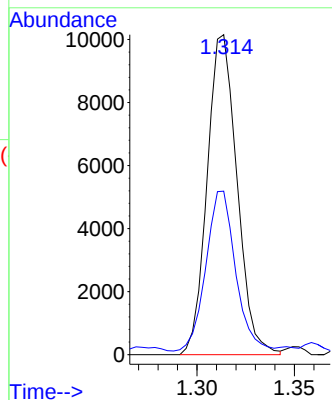
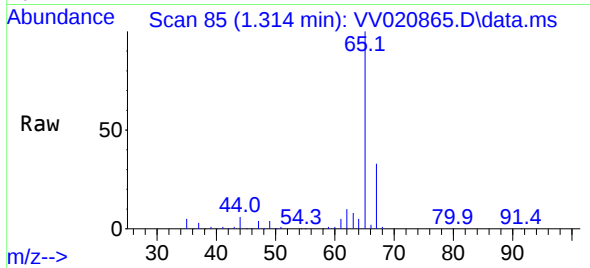




#5
 Vinyl chloride
 Concen: 2.38 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020865.D
 Acq: 02 Apr 2021 02:21

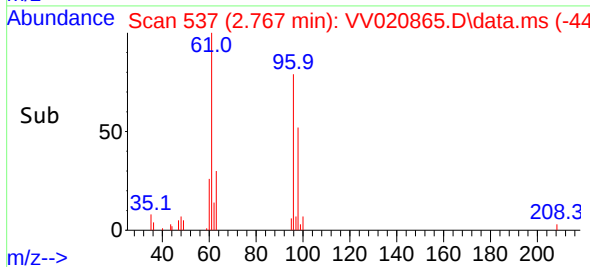
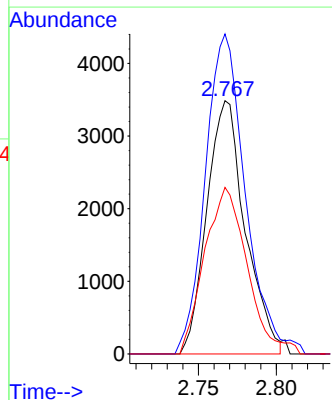
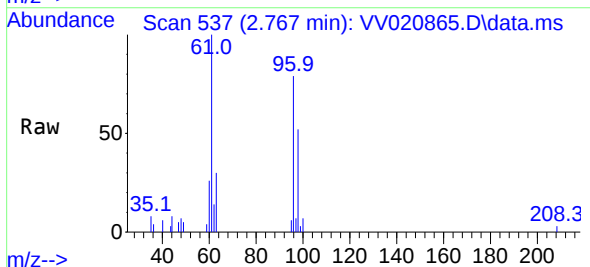
Instrument :
 MSVOA_V
 ClientSampled :
 EW1C6

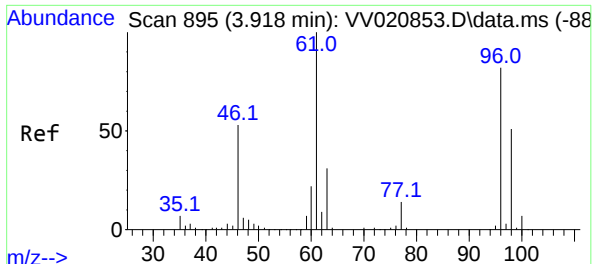
Tgt Ion: 62 Resp: 10852
 Ion Ratio Lower Upper
 62 100
 64 51.1 23.3 43.3#



#17
 trans-1,2-Dichloroethene
 Concen: 1.50 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.003 min
 Lab File: VV020865.D
 Acq: 02 Apr 2021 02:21

Tgt Ion: 96 Resp: 5985
 Ion Ratio Lower Upper
 96 100
 61 126.3 97.9 181.9
 98 65.8 43.9 81.5

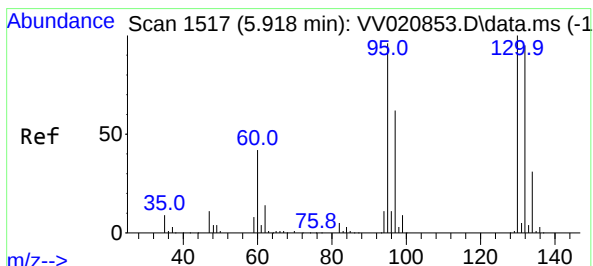
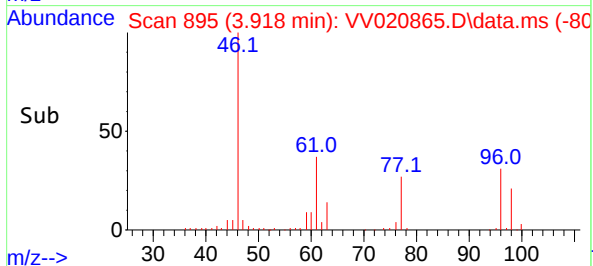
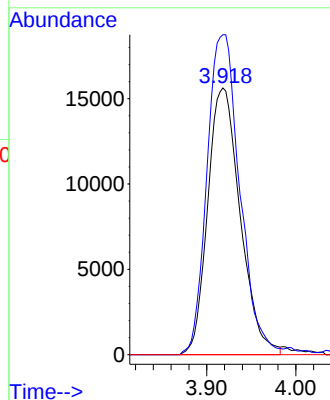
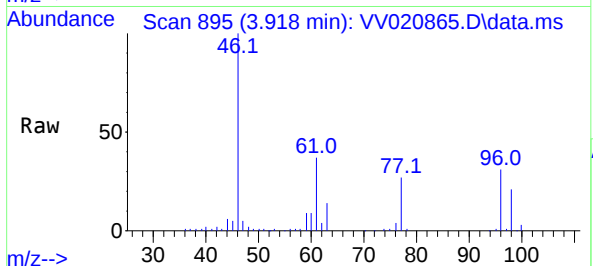




#20
cis-1,2-Dichloroethene
Concen: 9.27 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.000 min
Lab File: VV020865.D
Acq: 02 Apr 2021 02:21

Instrument :
MSVOA_V
ClientSampleId :
EW1C6

Tgt Ion: 96 Resp: 39668
Ion Ratio Lower Upper
96 100
61 120.0 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 25.17 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020865.D
Acq: 02 Apr 2021 02:21

Tgt Ion: 95 Resp: 109443
Ion Ratio Lower Upper
95 100
97 64.1 43.5 80.9
132 101.3 69.5 129.1
130 109.4 70.7 131.3

