

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040621\
 Data File : VW020954.D
 Acq On : 06 Apr 2021 16:35
 Operator : SY/MD
 Sample : M1880-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1D9

Quant Time: Apr 07 02:15:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 02:10:23 2021
 Response via : Initial Calibration

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

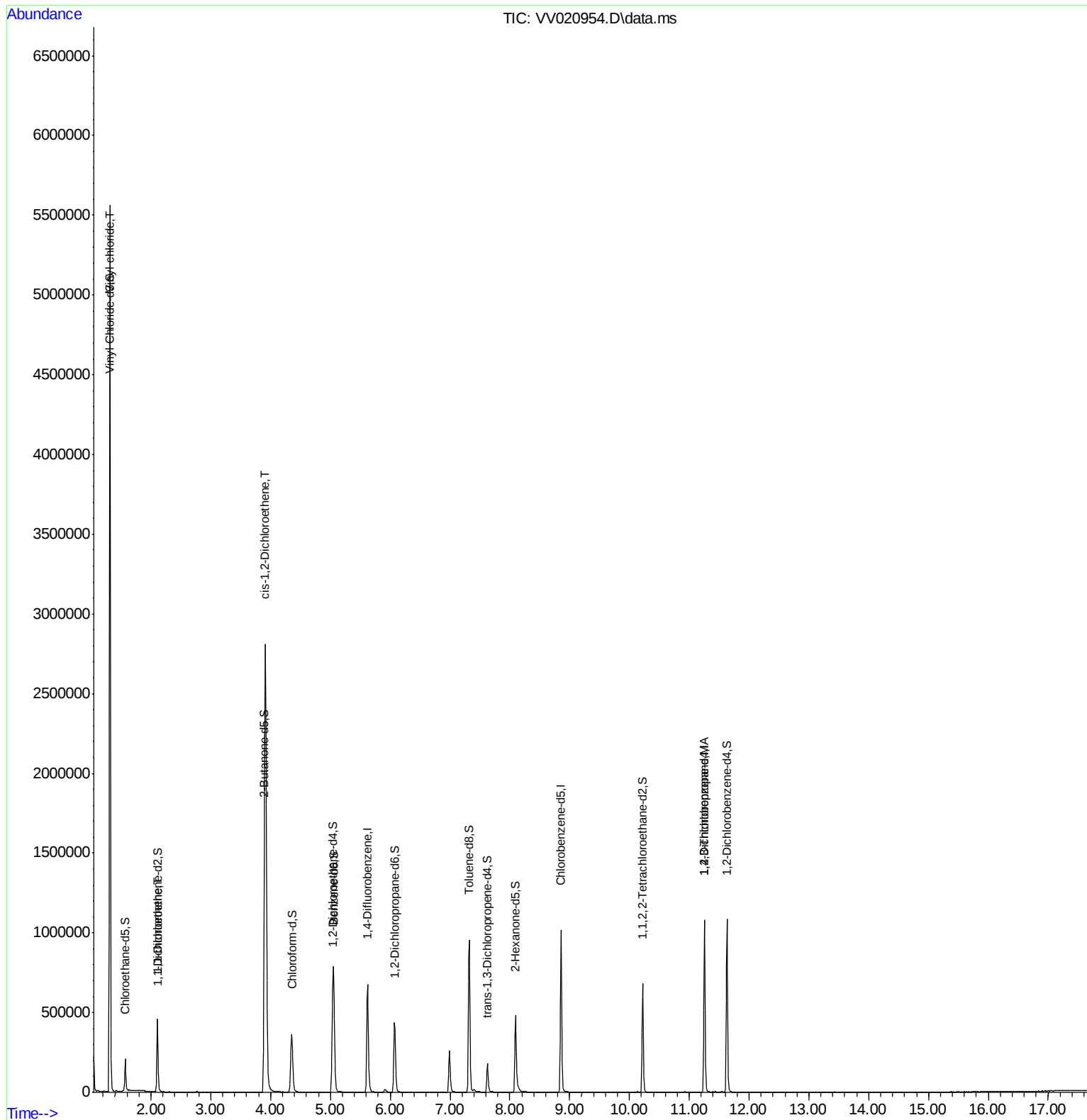
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	598362	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	572708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	292115	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	163449	38.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.96%		
7) Chloroethane-d5	1.571	69	115840	36.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.14%		
11) 1,1-Dichloroethene-d2	2.108	63	231540	28.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.78%#		
21) 2-Butanone-d5	3.896	46	234553	84.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.87%		
24) Chloroform-d	4.352	84	376259	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.12%		
26) 1,2-Dichloroethane-d4	5.037	65	257355	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.54%		
32) Benzene-d6	5.053	84	674155	44.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.32%		
36) 1,2-Dichloropropane-d6	6.072	67	195778	41.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.54%		
41) Toluene-d8	7.320	98	638304	44.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.84%		
43) trans-1,3-Dichloroprop...	7.625	79	107650	43.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.34%		
47) 2-Hexanone-d5	8.092	63	171008	87.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.03%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	293320	42.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.94%		
64) 1,2-Dichlorobenzene-d4	11.632	152	290472	51.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.48%		
Target Compounds						
5) Vinyl chloride	1.314	62	3179949	695.60	ug/L	99
12) 1,1-Dichloroethene	2.114	96	3141	0.90	ug/L #	1
20) cis-1,2-Dichloroethene	3.912	96	1549052	361.57	ug/L	92
59) 1,2,3-Trichloropropane	11.255	75	25261	4.67	ug/L	90

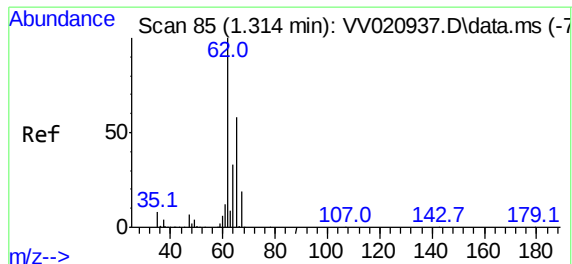
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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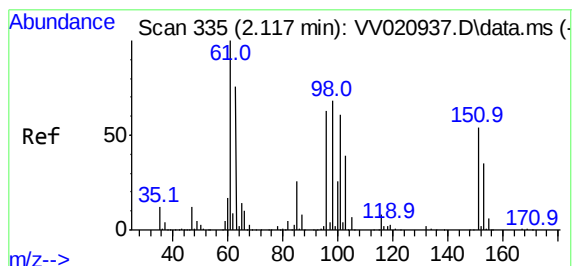
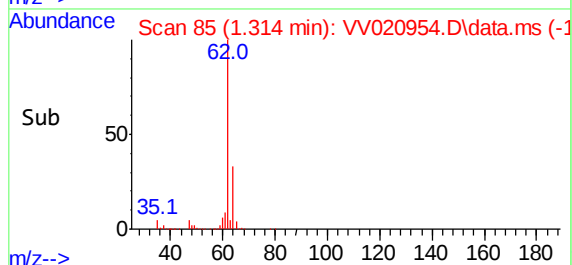
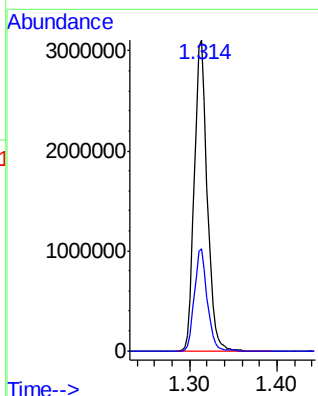
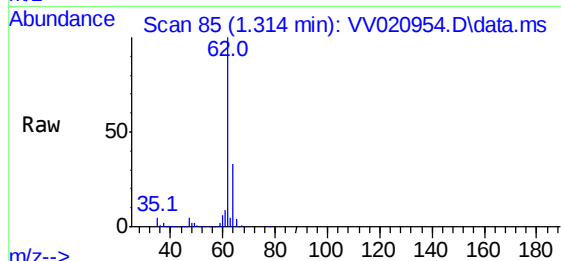




#5
 Vinyl chloride
 Concen: 695.60 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020954.D
 Acq: 06 Apr 2021 16:35

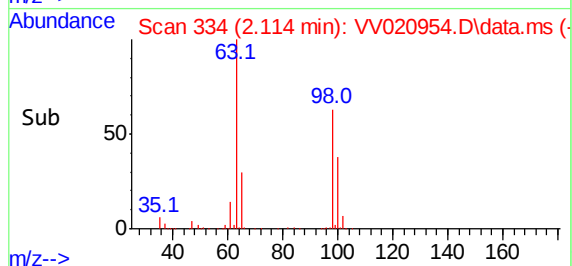
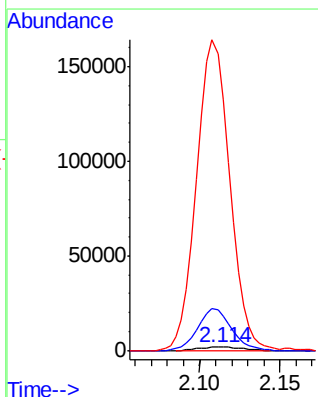
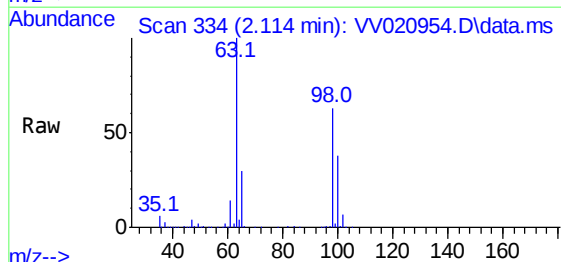
Instrument :
 MSVOA_V
 ClientSampled :
 EW1D9

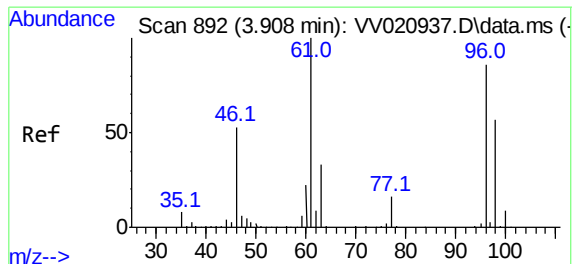
Tgt Ion: 62 Resp: 3179949
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.3 43.3



#12
 1,1-Dichloroethene
 Concen: 0.90 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV020954.D
 Acq: 06 Apr 2021 16:35

Tgt Ion: 96 Resp: 3141
 Ion Ratio Lower Upper
 96 100
 61 1009.3 126.3 234.6#
 63 7263.6 100.2 186.2#



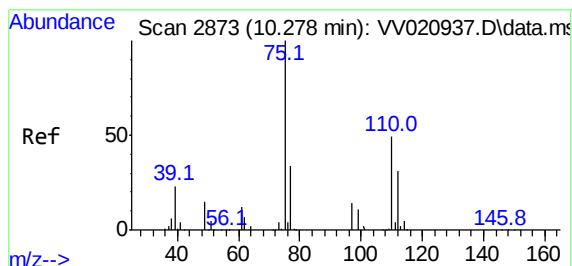
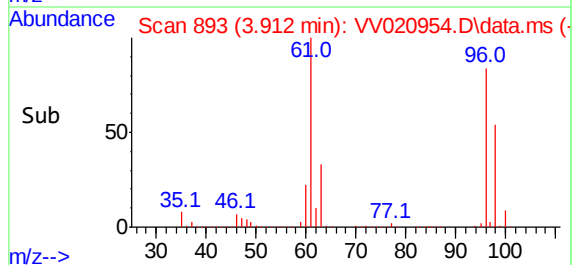
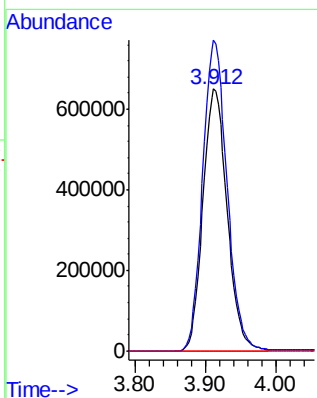
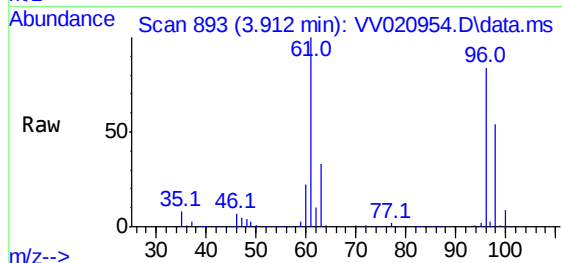


#20
 cis-1,2-Dichloroethene
 Concen: 361.57 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV020954.D
 Acq: 06 Apr 2021 16:35

Instrument :
 MSVOA_V
 ClientSampleID :
 EW1D9

Tgt Ion: 96 Resp: 1549052

Ion	Ratio	Lower	Upper
96	100		
61	118.7	89.9	167.0
68	0.0	0.0	0.0



#59
 1,2,3-Trichloropropane
 Concen: 4.67 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.978 min
 Lab File: VV020954.D
 Acq: 06 Apr 2021 16:35

Tgt Ion: 75 Resp: 25261

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.3	37.9

