

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020860.D
 Acq On : 02 Apr 2021 00:21
 Operator : SY/MD
 Sample : M1845-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B8

Quant Time: Apr 02 08:32:06 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

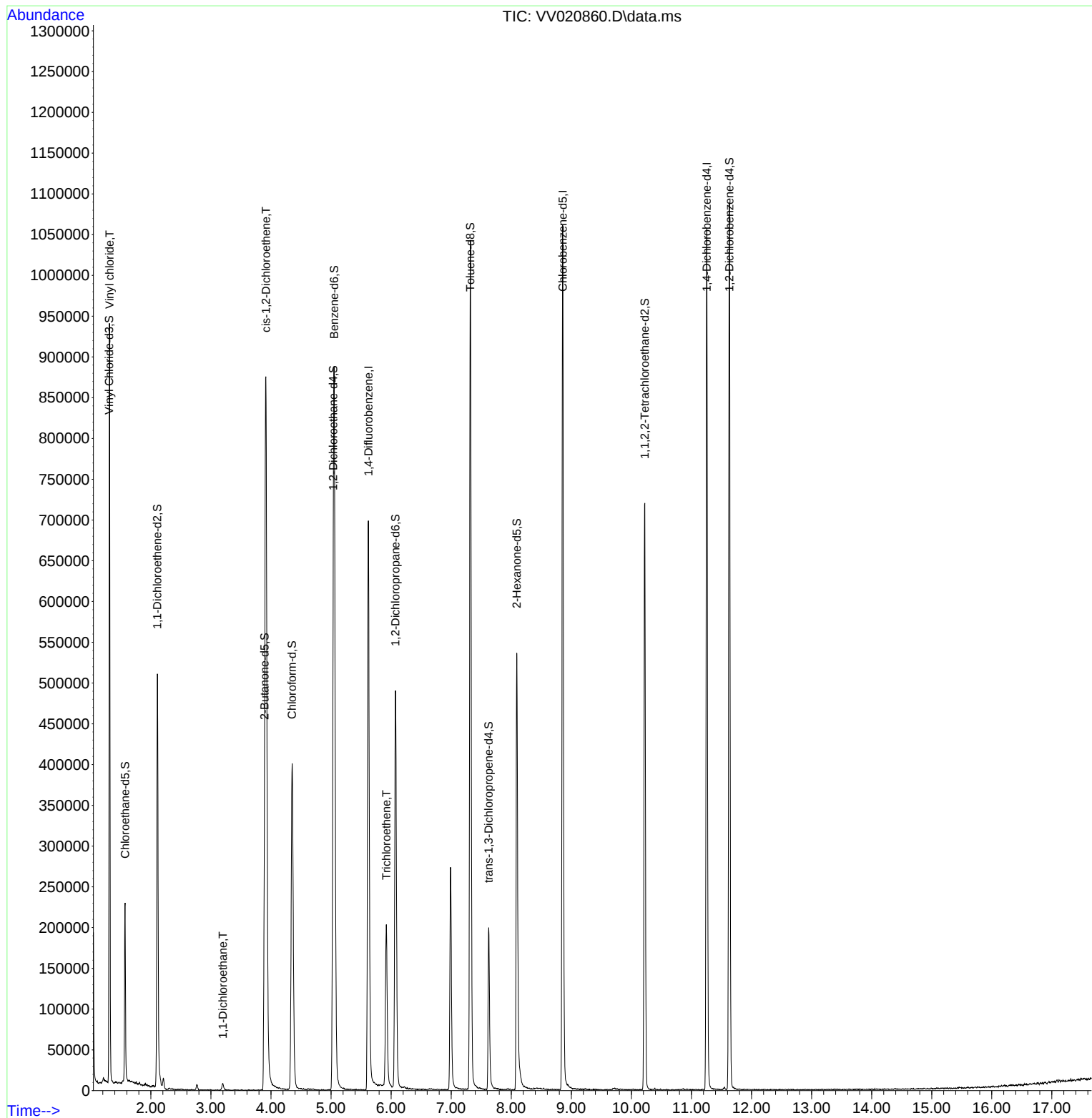
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	602611	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	577777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	279282	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151237	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.70%
7) Chloroethane-d5	1.571	69	131466	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.30%
11) 1,1-Dichloroethene-d2	2.108	63	259955	32.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.42%
21) 2-Butanone-d5	3.892	46	243028	87.31	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.31%
24) Chloroform-d	4.352	84	411196	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.037	65	282520	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
32) Benzene-d6	5.053	84	747308	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.072	67	221457	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.68%
41) Toluene-d8	7.320	98	689795	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloroprop...	7.625	79	117681	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.091	63	183384	92.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.51%
57) 1,1,2,2-Tetrachloroeth...	10.223	84	315129	45.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.50%
64) 1,2-Dichlorobenzene-d4	11.632	152	288123	53.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.32%
Target Compounds						
5) Vinyl chloride	1.314	62	420905	91.42	ug/L	99
19) 1,1-Dichloroethane	3.198	63	7480	1.00	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	448099	103.85	ug/L	95
34) Trichloroethene	5.921	95	64952	14.87	ug/L	95

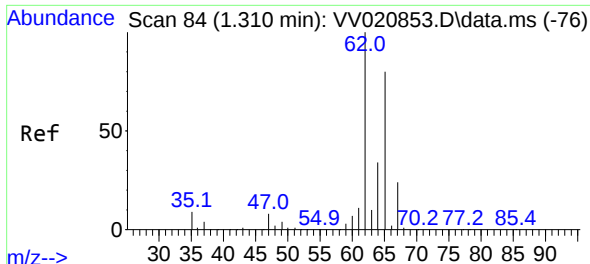
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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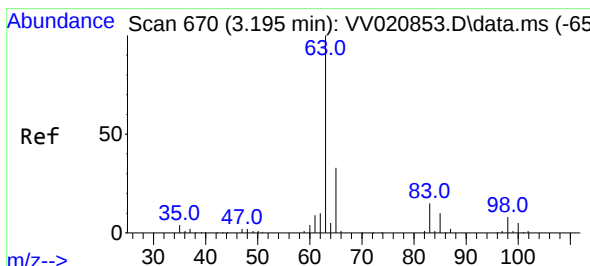
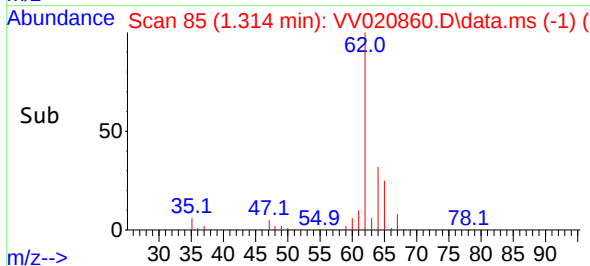
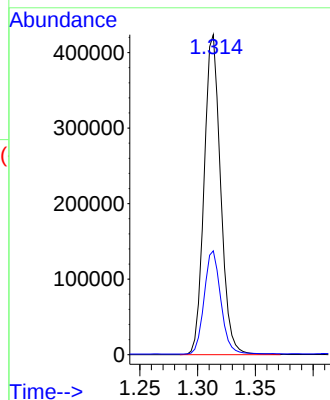
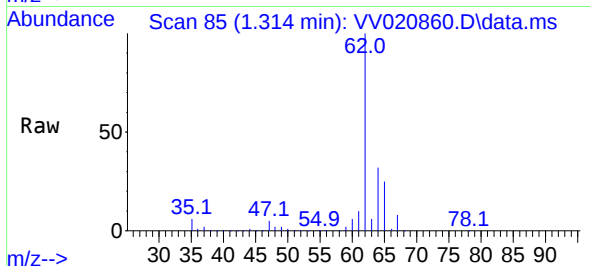




#5
 Vinyl chloride
 Concen: 91.42 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020860.D
 Acq: 02 Apr 2021 00:21

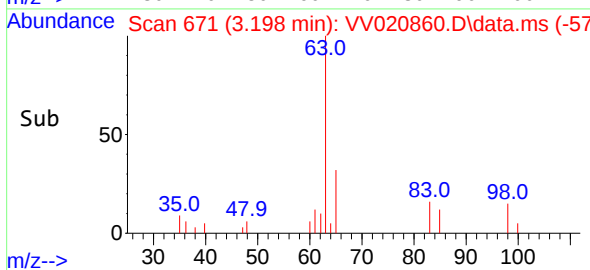
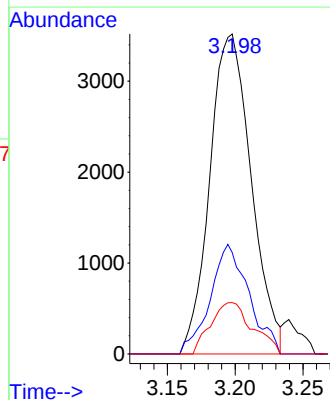
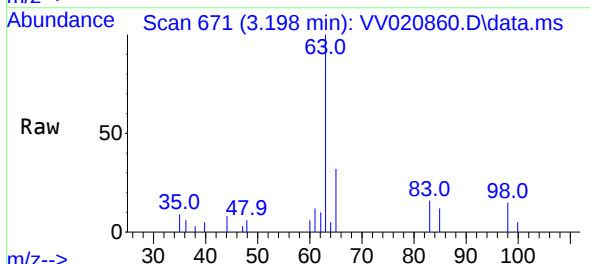
Instrument :
 MSVOA_V
 ClientSampled :
 EW1B8

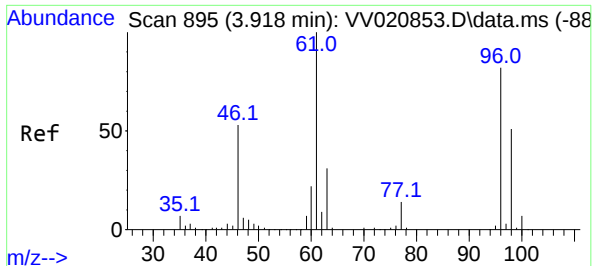
Tgt Ion: 62 Resp: 420905
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.3 43.3



#19
 1,1-Dichloroethane
 Concen: 1.00 ug/L
 RT: 3.198 min Scan# 671
 Delta R.T. 0.003 min
 Lab File: VV020860.D
 Acq: 02 Apr 2021 00:21

Tgt Ion: 63 Resp: 7480
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.5 41.9
 83 16.1 9.7 17.9

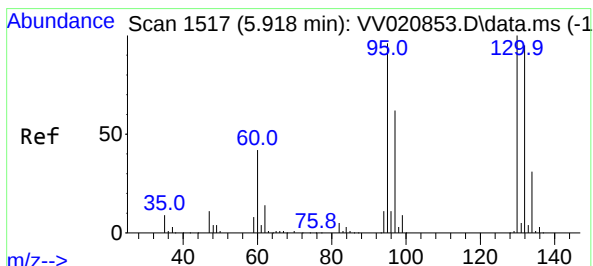
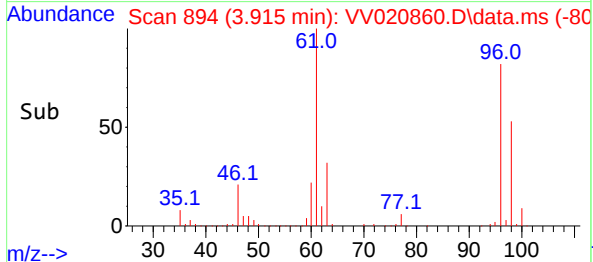
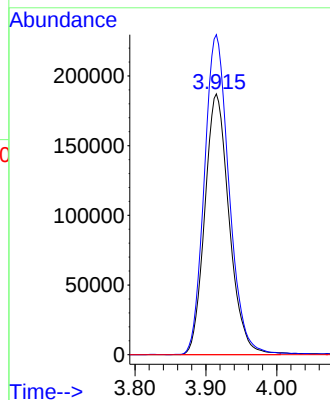
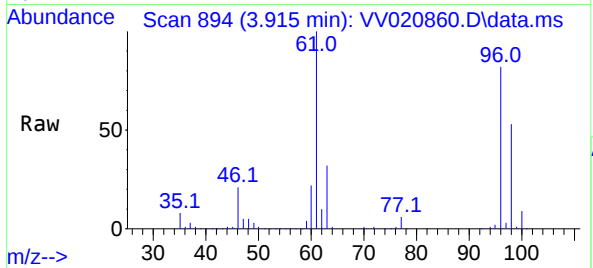




#20
cis-1,2-Dichloroethene
Concen: 103.85 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV020860.D
Acq: 02 Apr 2021 00:21

Instrument :
MSVOA_V
ClientSampleId :
EW1B8

Tgt Ion: 96 Resp: 448099
Ion Ratio Lower Upper
96 100
61 122.7 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 14.87 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020860.D
Acq: 02 Apr 2021 00:21

Tgt Ion: 95 Resp: 64952
Ion Ratio Lower Upper
95 100
97 63.2 43.5 80.9
132 103.2 69.5 129.1
130 110.4 70.7 131.3

