

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020854.D
 Acq On : 02 Apr 2021 01:33
 Operator : SY/MD
 Sample : M1845-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 08:32:46 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)

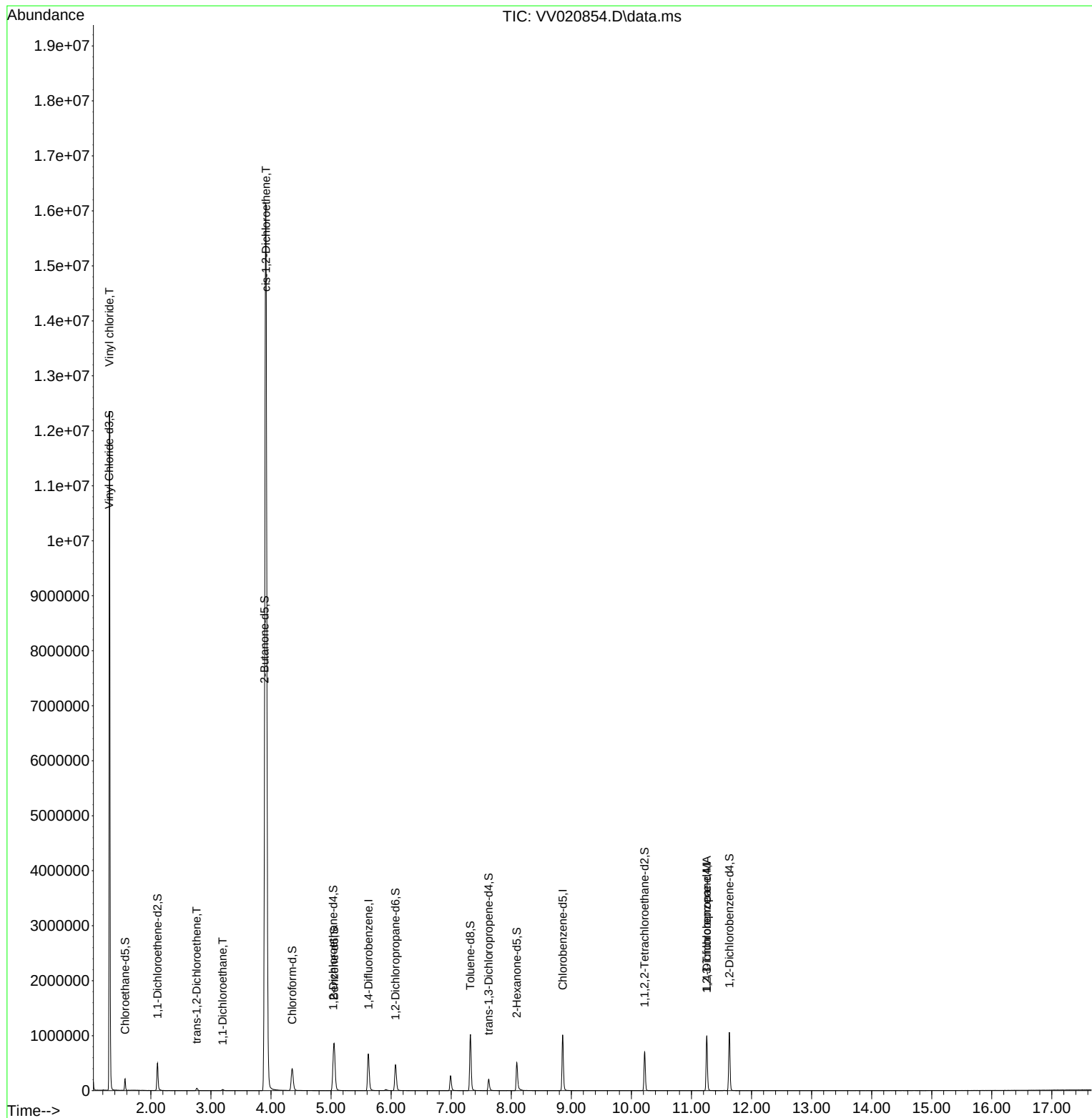
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	585474	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	563725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	268186	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	199914	48.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.20%		
7) Chloroethane-d5	1.571	69	128974	41.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.08%		
11) 1,1-Dichloroethene-d2	2.111	63	253300	32.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.60%		
21) 2-Butanone-d5	3.892	46	246630	91.20	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.20%		
24) Chloroform-d	4.352	84	409091	49.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.04%		
26) 1,2-Dichloroethane-d4	5.037	65	276493	50.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.60%		
32) Benzene-d6	5.053	84	732328	48.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.48%		
36) 1,2-Dichloropropane-d6	6.072	67	211952	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.90%		
41) Toluene-d8	7.320	98	672055	48.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.10%		
43) trans-1,3-Dichloroprop...	7.625	79	114750	46.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.50%		
47) 2-Hexanone-d5	8.091	63	175345	90.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.66%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	311009	46.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.56%		
64) 1,2-Dichlorobenzene-d4	11.632	152	284269	54.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.24%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	7148392	1598.09	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	17585	4.49	ug/L	96
19) 1,1-Dichloroethane	3.195	63	21092	2.90	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	9083948	2166.98	ug/L	93
59) 1,2,3-Trichloropropane	11.252	75	25680	4.82	ug/L	96

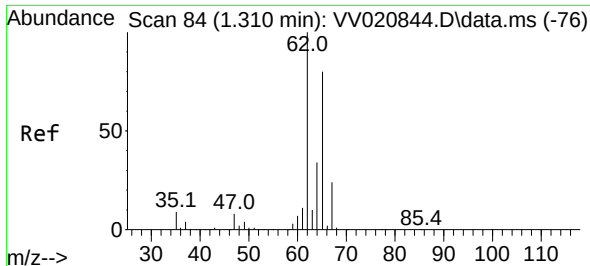
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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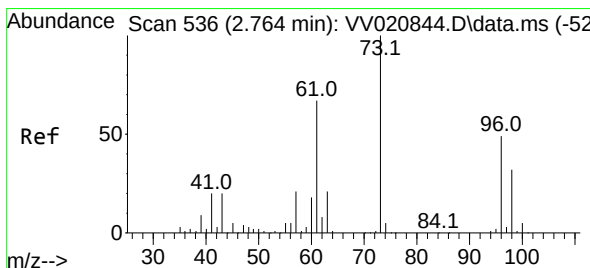
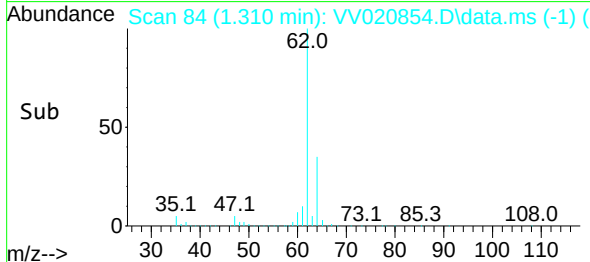
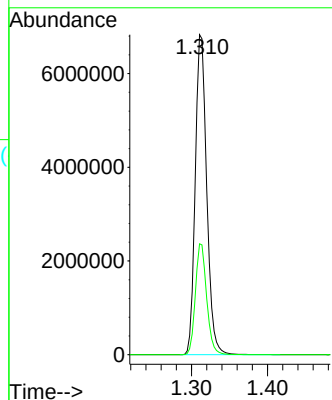
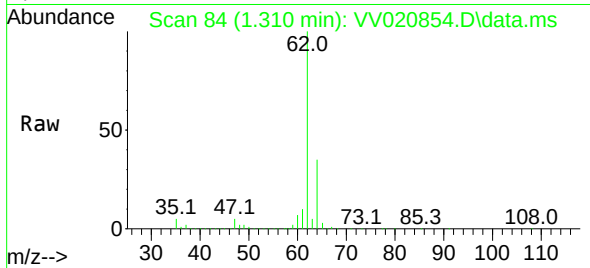




#5
 Vinyl chloride
 Concen: 1598.09 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020854.D
 Acq: 02 Apr 2021 01:33

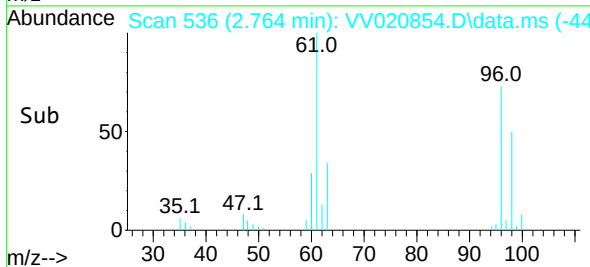
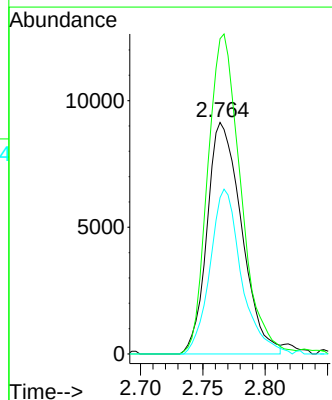
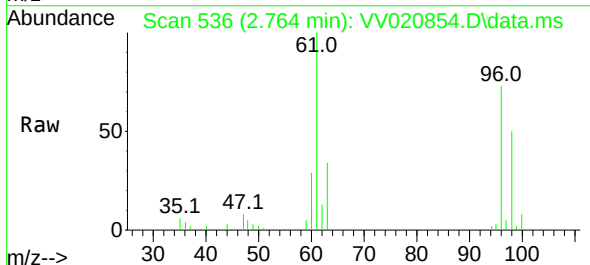
Instrument :
 MSVOA_V
 ClientSampled :

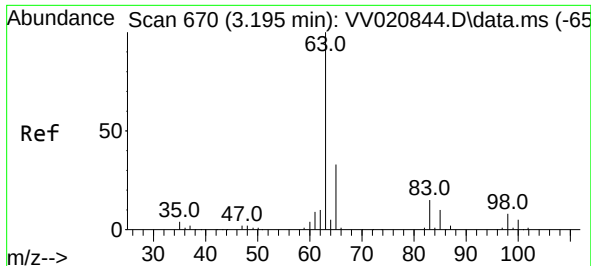
Tgt Ion: 62 Resp: 7148392
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.3 43.3



#17
 trans-1,2-Dichloroethene
 Concen: 4.49 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.000 min
 Lab File: VV020854.D
 Acq: 02 Apr 2021 01:33

Tgt Ion: 96 Resp: 17585
 Ion Ratio Lower Upper
 96 100
 61 136.1 97.9 181.9
 98 67.5 43.9 81.5

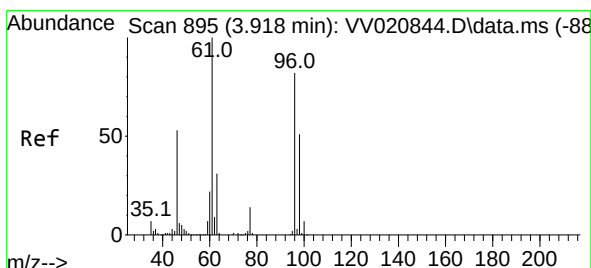
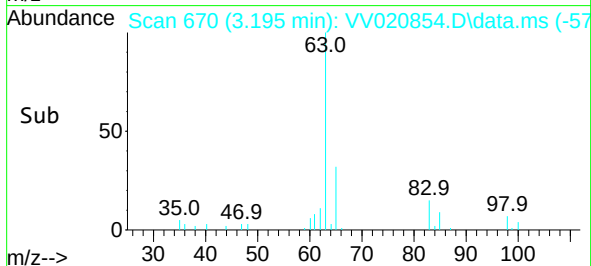
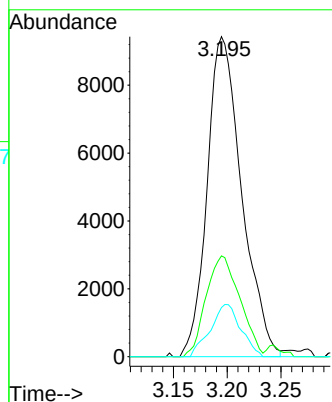
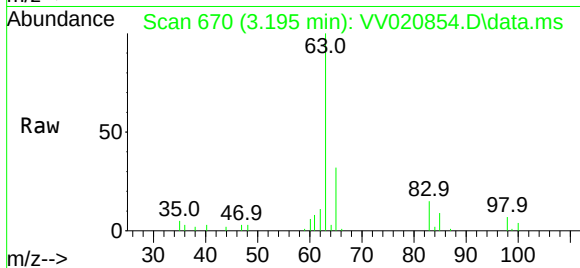




#19
1,1-Dichloroethane
Concen: 2.90 ug/L
RT: 3.195 min Scan# 670
Delta R.T. -0.000 min
Lab File: VV020854.D
Acq: 02 Apr 2021 01:33

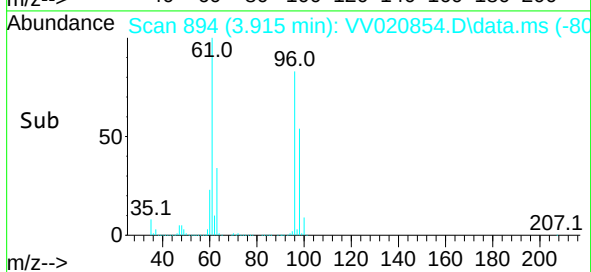
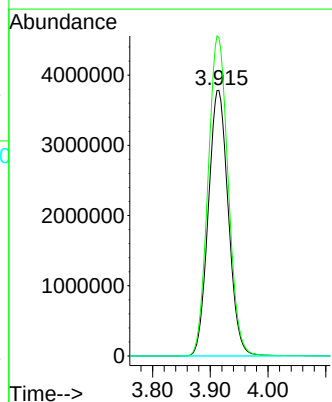
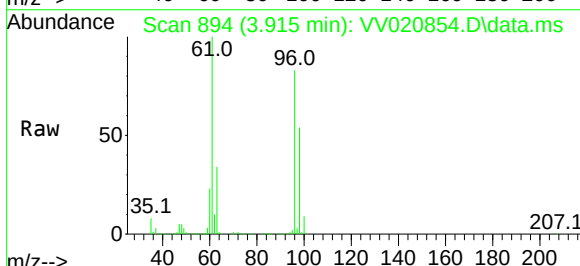
Instrument :
MSVOA_V
ClientSampleId :

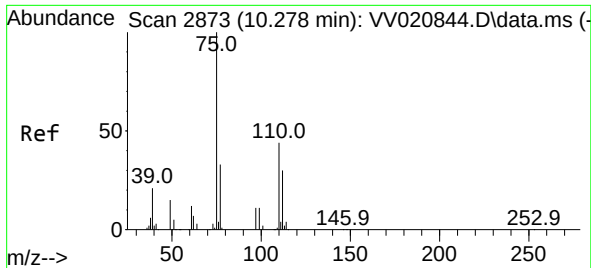
Tgt Ion:	63	Resp:	21092
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.9
83	15.3	9.7	17.9



#20
cis-1,2-Dichloroethene
Concen: 2166.98 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV020854.D
Acq: 02 Apr 2021 01:33

Tgt Ion:	96	Resp:	9083948
Ion	Ratio	Lower	Upper
96	100		
61	119.9	89.9	167.0
68	0.0	0.0	0.0





#59
 1,2,3-Trichloropropane
 Concen: 4.82 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.974 min
 Lab File: VV020854.D
 Acq: 02 Apr 2021 01:33

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 25680
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.3 37.9

