

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020842.D
 Acq On : 01 Apr 2021 19:49
 Operator : SY/MD
 Sample : M1879-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 07:20:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

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

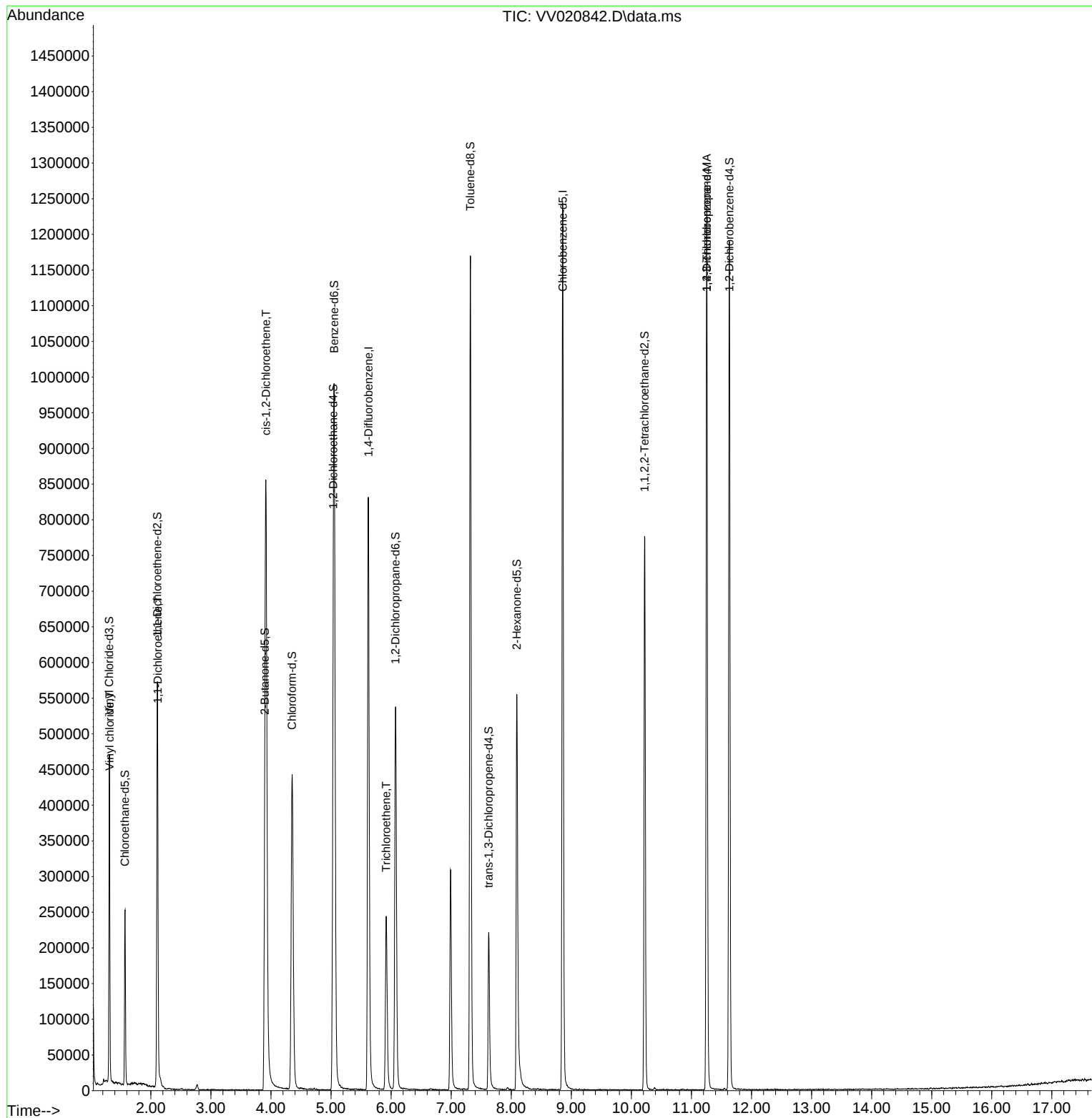
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	719656	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	683398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	331517	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	191383	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.92%
7) Chloroethane-d5	1.568	69	152912	39.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.18%
11) 1,1-Dichloroethene-d2	2.108	63	292353	30.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.66%
21) 2-Butanone-d5	3.896	46	279396	84.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.05%
24) Chloroform-d	4.352	84	459324	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.037	65	312837	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.053	84	831344	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
36) 1,2-Dichloropropane-d6	6.072	67	250381	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.54%
41) Toluene-d8	7.320	98	763119	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloroprop...	7.625	79	130439	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.092	63	192232	81.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.99%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	344998	42.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.70%
64) 1,2-Dichlorobenzene-d4	11.632	152	311737	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	98795	17.97	ug/L	96
12) 1,1-Dichloroethene	2.114	96	3730	0.89	ug/L	# 1
20) cis-1,2-Dichloroethene	3.915	96	429426	83.34	ug/L	98
34) Trichloroethene	5.918	95	80776	15.63	ug/L	98
59) 1,2,3-Trichloropropane	11.255	75	30672	4.75	ug/L	95

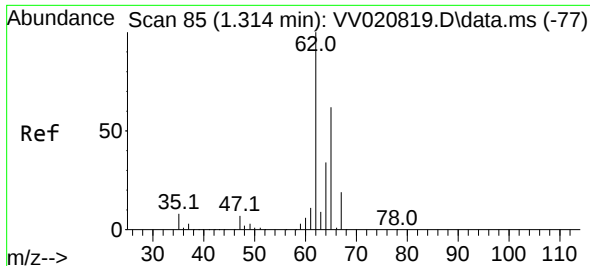
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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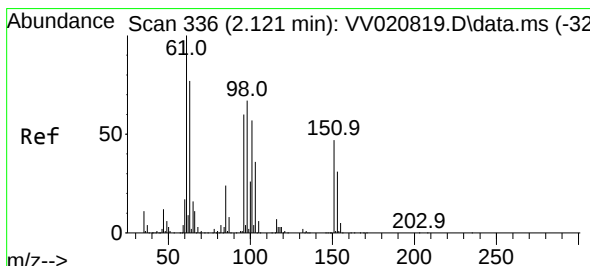
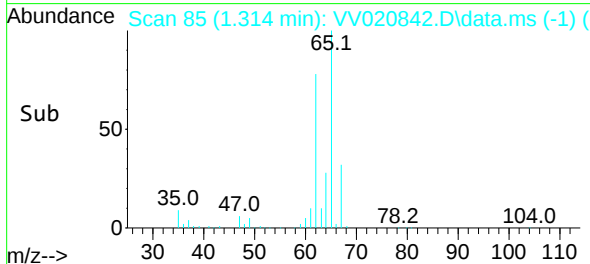
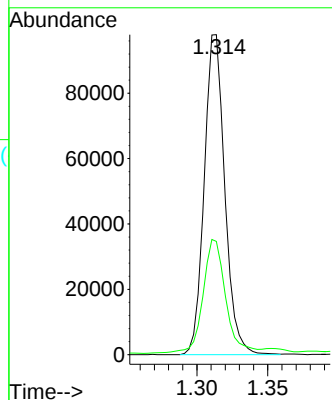
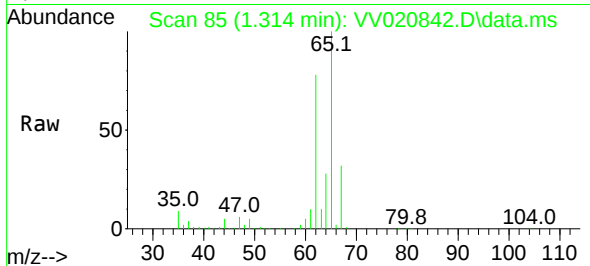




#5
 Vinyl chloride
 Concen: 17.97 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020842.D
 Acq: 01 Apr 2021 19:49

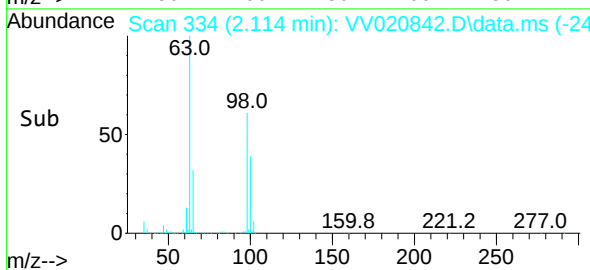
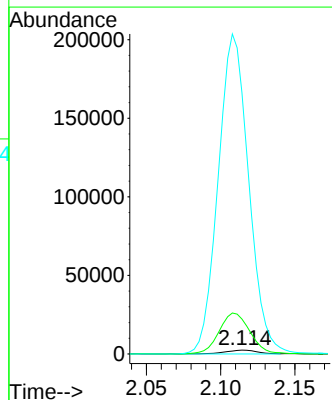
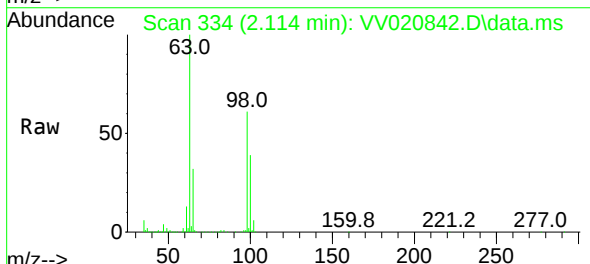
Instrument :
 MSVOA_V
 ClientSampled :

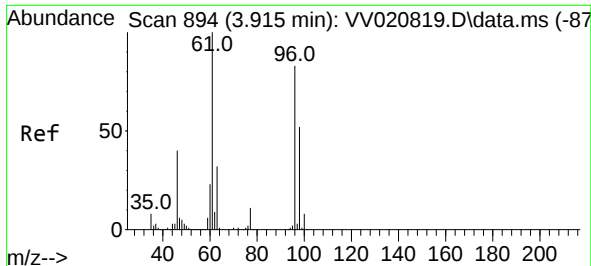
Tgt Ion: 62 Resp: 98795
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.3 43.3



#12
 1,1-Dichloroethene
 Concen: 0.89 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.006 min
 Lab File: VV020842.D
 Acq: 01 Apr 2021 19:49

Tgt Ion: 96 Resp: 3730
 Ion Ratio Lower Upper
 96 100
 61 914.2 126.3 234.6#
 63 6839.8 100.2 186.2#

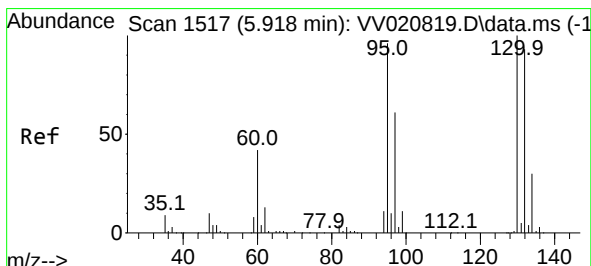
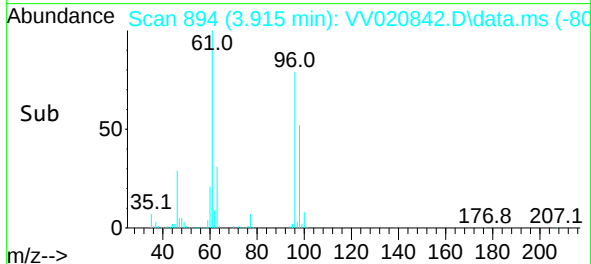
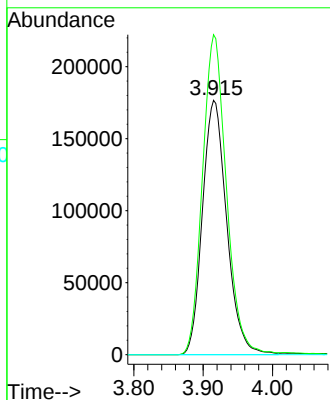
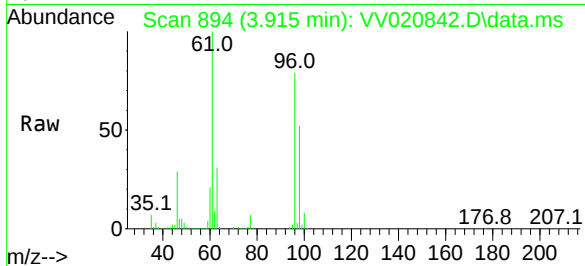




#20
cis-1,2-Dichloroethene
Concen: 83.34 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020842.D
Acq: 01 Apr 2021 19:49

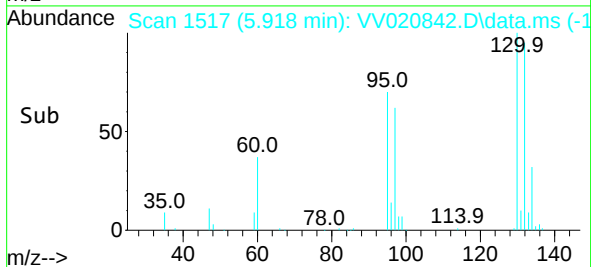
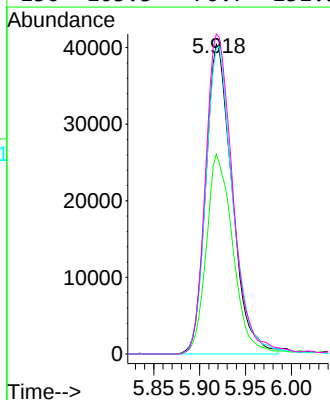
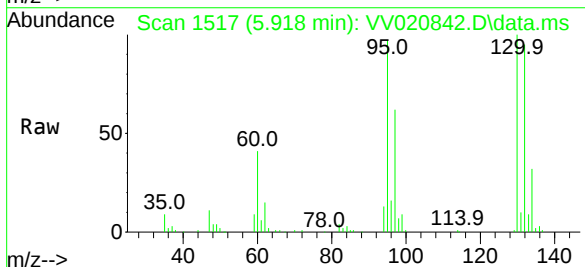
Instrument :
MSVOA_V
ClientSampleId :

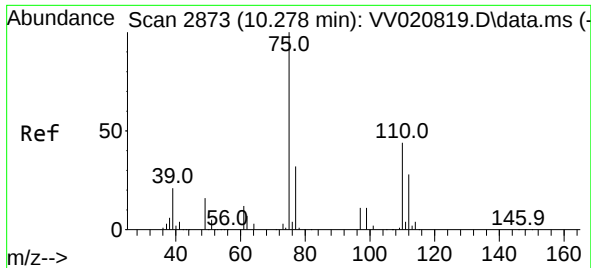
Tgt Ion: 96 Resp: 429426
Ion Ratio Lower Upper
96 100
61 125.8 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 15.63 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020842.D
Acq: 01 Apr 2021 19:49

Tgt Ion: 95 Resp: 80776
Ion Ratio Lower Upper
95 100
97 64.5 43.5 80.9
132 98.7 69.5 129.1
130 103.3 70.7 131.3





#59
1,2,3-Trichloropropane
Concen: 4.75 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020842.D
Acq: 01 Apr 2021 19:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 30672
Ion Ratio Lower Upper
75 100
77 34.4 25.3 37.9

