

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020140.D
 Acq On : 22 Jan 2021 17:02
 Operator : SY/MD
 Sample : M1181-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E52

Quant Time: Jan 23 00:16:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

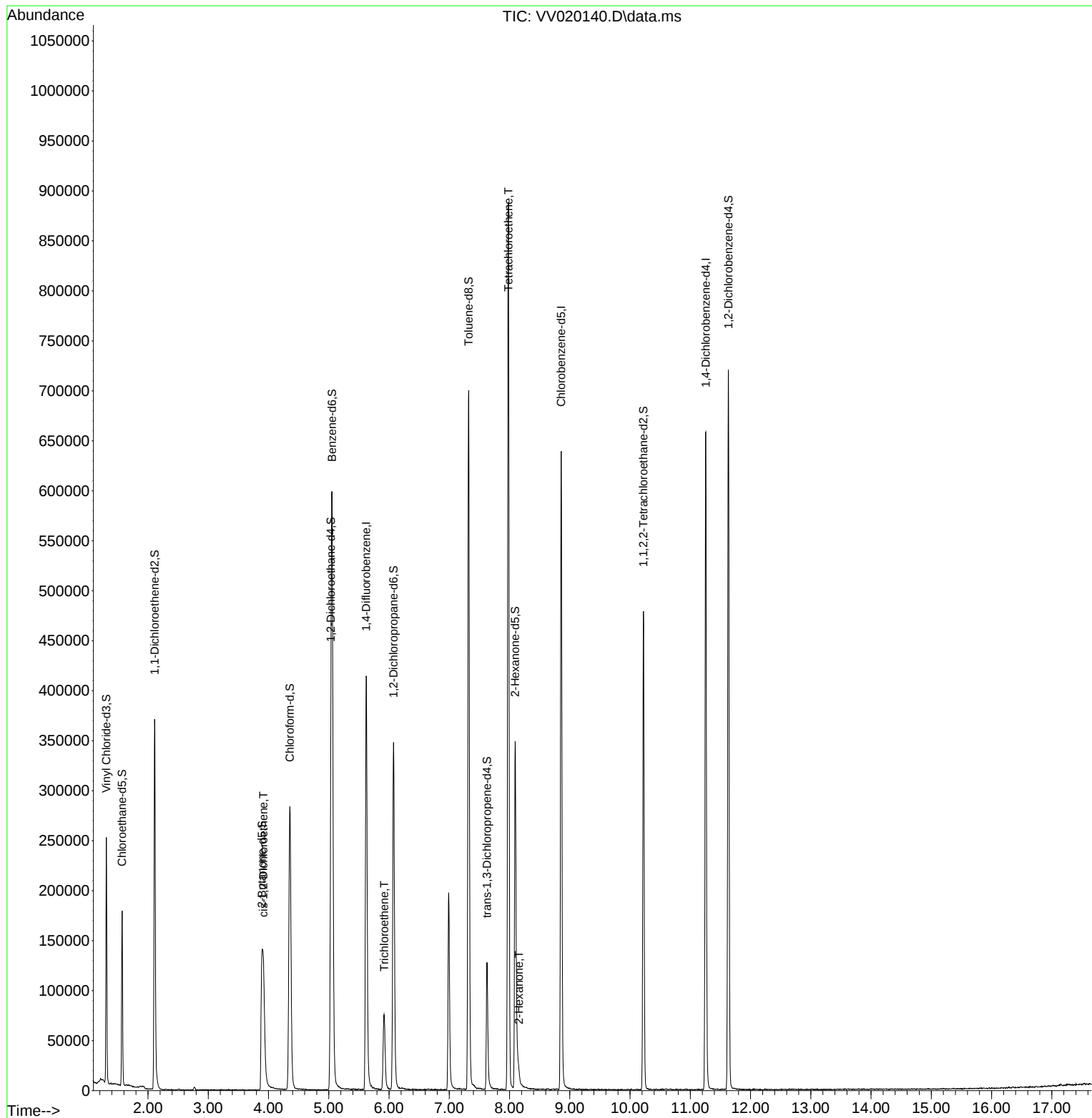
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	329719	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	324306	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	156447	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	152441	62.34	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	124.68%	
7) Chloroethane-d5	1.569	69	105947	51.76	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.52%	
11) 1,1-Dichloroethene-d2	2.110	63	197841	40.50	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.00%	
21) 2-Butanone-d5	3.891	46	209760	125.07	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	125.07%	
24) Chloroform-d	4.354	84	286734	62.60	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	125.20%#	
26) 1,2-Dichloroethane-d4	5.036	65	183516	57.80	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	115.60%	
32) Benzene-d6	5.055	84	487135	54.54	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.08%	
36) 1,2-Dichloropropane-d6	6.074	67	152540	54.10	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	108.20%	
41) Toluene-d8	7.322	98	438695	52.80	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.60%	
43) trans-1,3-Dichloroprop...	7.627	79	68708	49.80	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.60%	
47) 2-Hexanone-d5	8.093	63	104163	88.87	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.87%	
57) 1,1,2,2-Tetrachloroeth...	10.222	84	204017	52.86	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	105.72%	
64) 1,2-Dichlorobenzene-d4	11.633	152	167863	57.10	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.20%	
Target Compounds						
20) cis-1,2-Dichloroethene	3.917	96	41613	17.44	ug/L	91
34) Trichloroethene	5.920	95	19608	7.12	ug/L	98
46) Tetrachloroethene	7.981	164	180365	87.69	ug/L	98
48) 2-Hexanone	8.154	43	9112	3.08	ug/L #	49

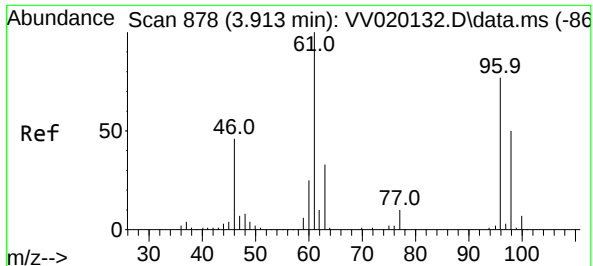
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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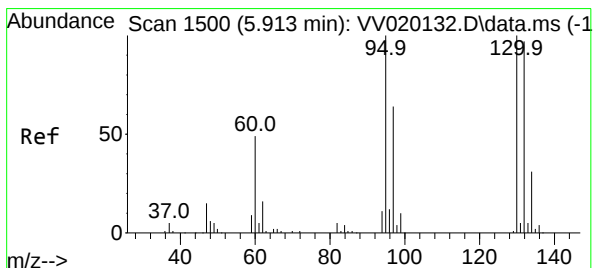
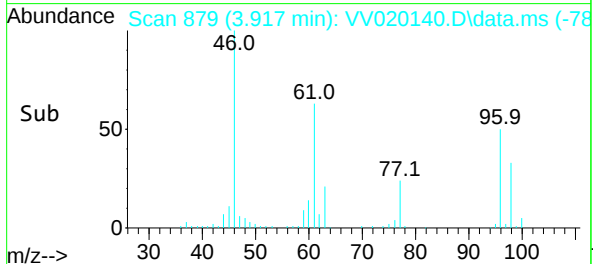
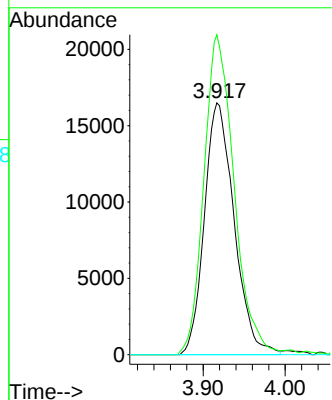
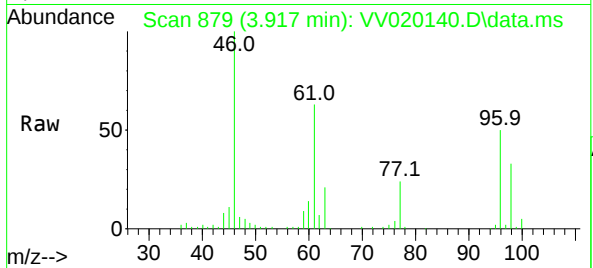




#20
cis-1,2-Dichloroethene
Concen: 17.44 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

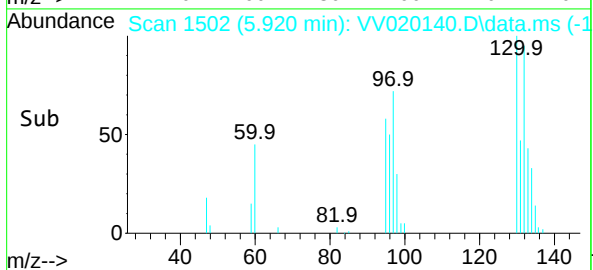
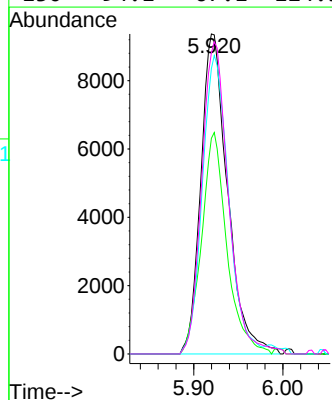
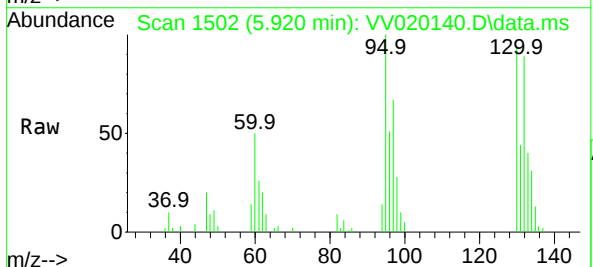
Instrument :
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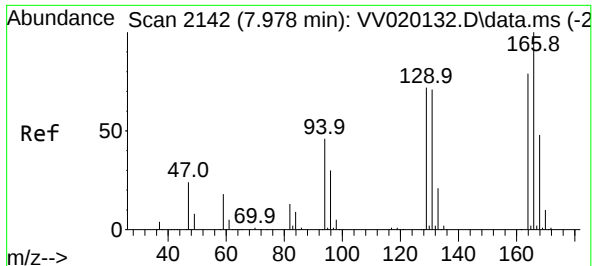
Tgt Ion: 96 Resp: 41613
Ion Ratio Lower Upper
96 100
61 127.1 96.9 179.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 7.12 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

Tgt Ion: 95 Resp: 19608
Ion Ratio Lower Upper
95 100
97 67.4 44.5 82.7
132 89.2 63.4 117.8
130 94.1 67.1 124.5

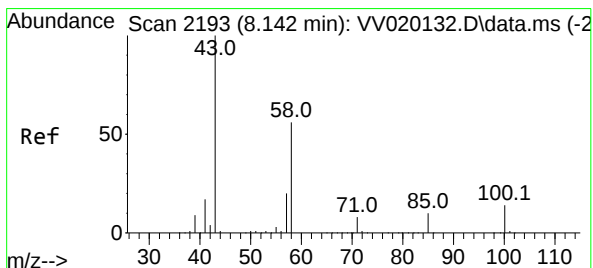
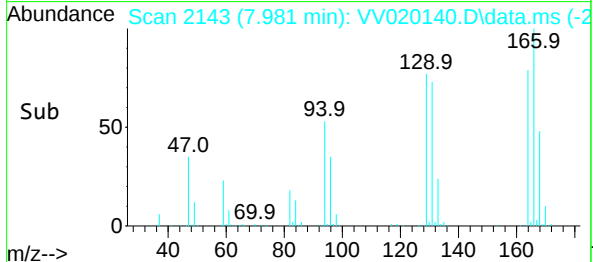
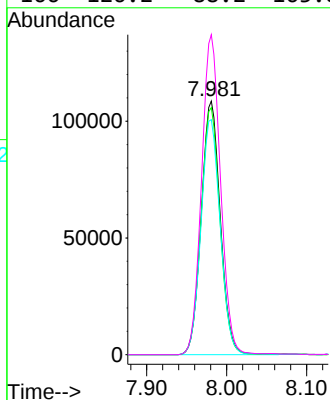
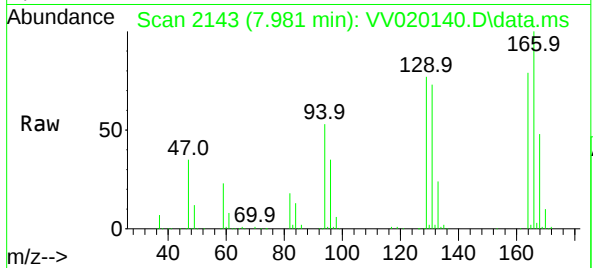




#46
Tetrachloroethene
Concen: 87.69 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

Instrument :
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Tgt Ion:164 Resp: 180365
Ion Ratio Lower Upper
164 100
129 97.4 70.6 131.0
131 92.7 66.8 124.0
166 126.2 88.2 163.8



#48
2-Hexanone
Concen: 3.08 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

Tgt Ion: 43 Resp: 9112
Ion Ratio Lower Upper
43 100
58 7.2 41.8 62.6#
57 1.3 15.0 22.4#
100 7.2 8.9 13.3#

