

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020139.D
 Acq On : 22 Jan 2021 16:38
 Operator : SY/MD
 Sample : M1181-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E49

Quant Time: Jan 23 00:16:32 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)

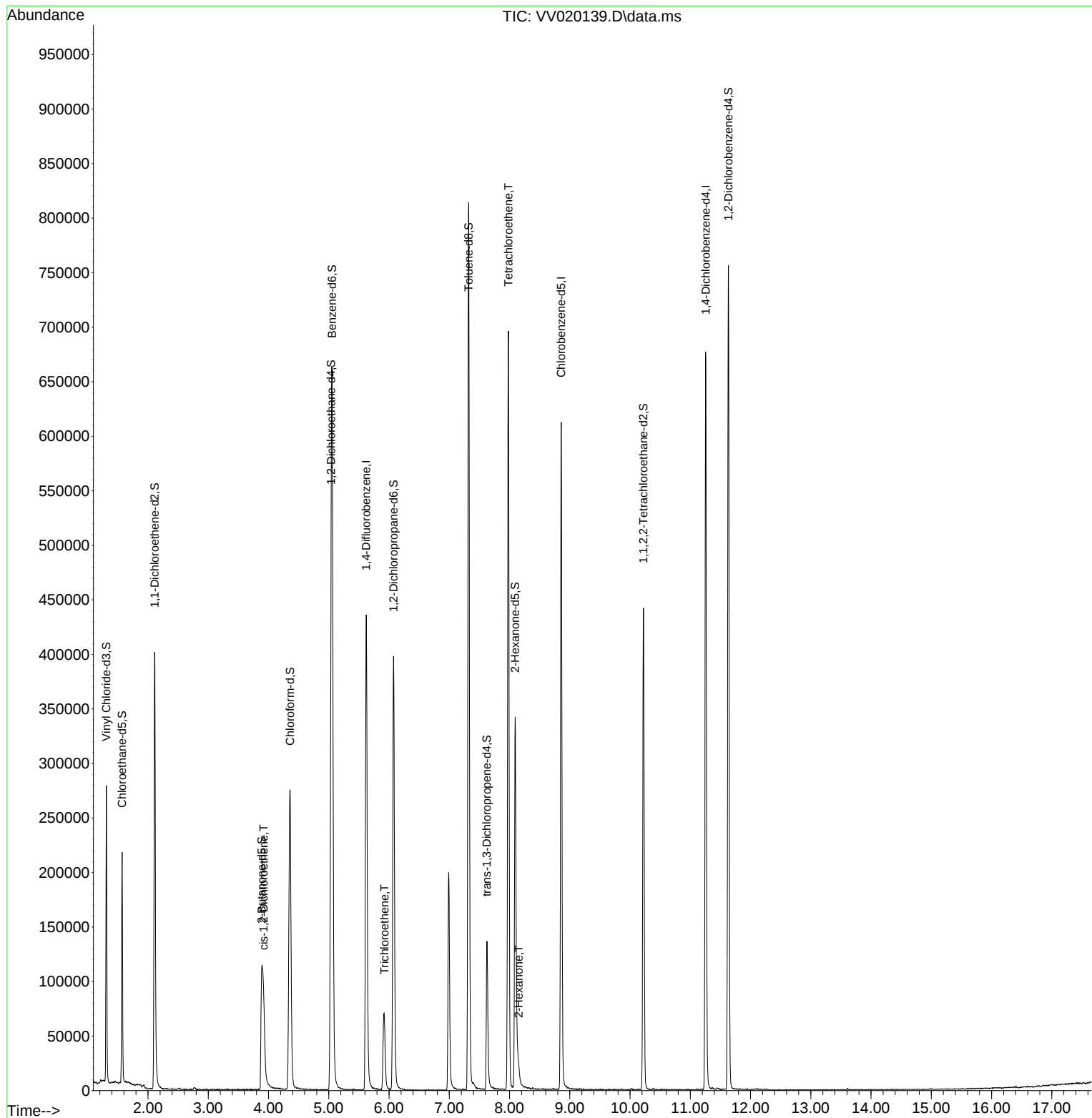
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	369064	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	303866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	165457	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	160082	58.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	116.96%		
7) Chloroethane-d5	1.569	69	127050	55.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	110.90%		
11) 1,1-Dichloroethene-d2	2.109	63	216315	39.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.12%		
21) 2-Butanone-d5	3.888	46	182719	97.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.33%		
24) Chloroform-d	4.357	84	277709	54.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.32%		
26) 1,2-Dichloroethane-d4	5.039	65	197148	55.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.94%		
32) Benzene-d6	5.055	84	555062	66.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	132.66%#		
36) 1,2-Dichloropropane-d6	6.074	67	179858	68.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	136.16%#		
41) Toluene-d8	7.321	98	514376	66.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	132.14%#		
43) trans-1,3-Dichloroprop...	7.624	79	76767	59.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	118.78%		
47) 2-Hexanone-d5	8.093	63	102937	93.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.73%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	203929	56.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.78%		
64) 1,2-Dichlorobenzene-d4	11.633	152	182069	58.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.12%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.920	96	25584	9.58	ug/L	97
34) Trichloroethene	5.923	95	16743	6.49	ug/L	99
46) Tetrachloroethene	7.981	164	139767	72.52	ug/L	98
48) 2-Hexanone	8.151	43	8324	3.01	ug/L #	91

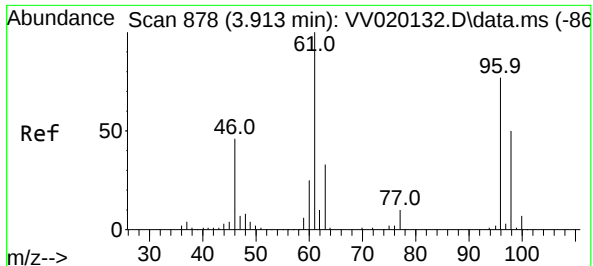
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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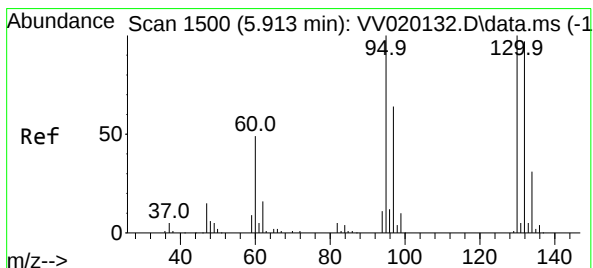
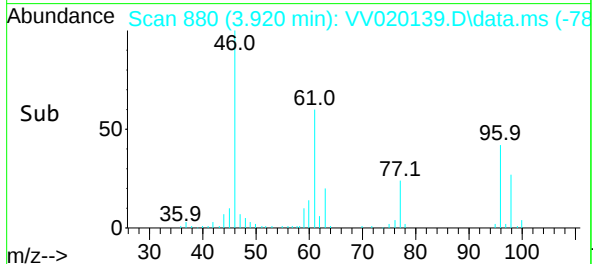
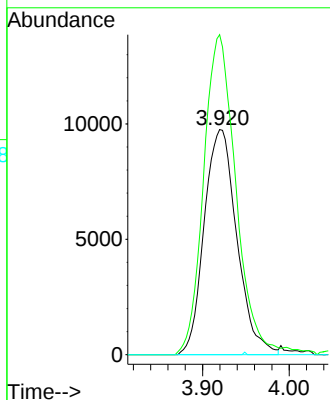
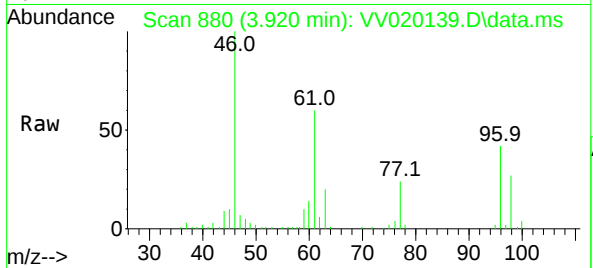




#20
cis-1,2-Dichloroethene
Concen: 9.58 ug/L
RT: 3.920 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV020139.D
Acq: 22 Jan 2021 16:38

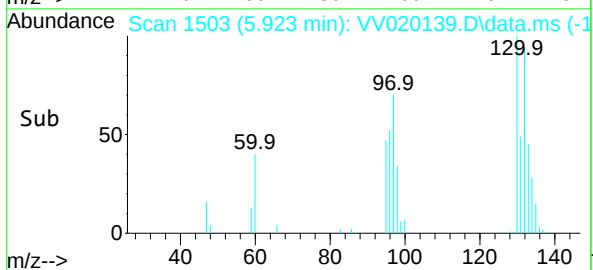
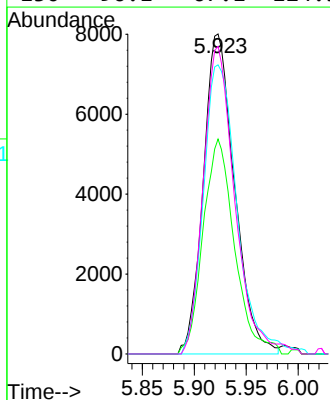
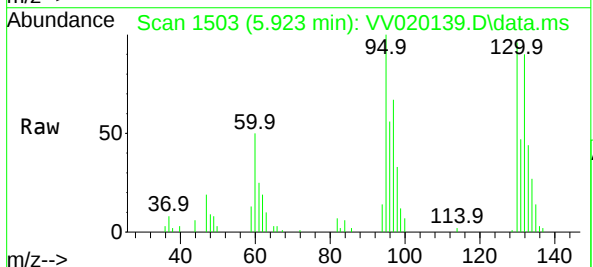
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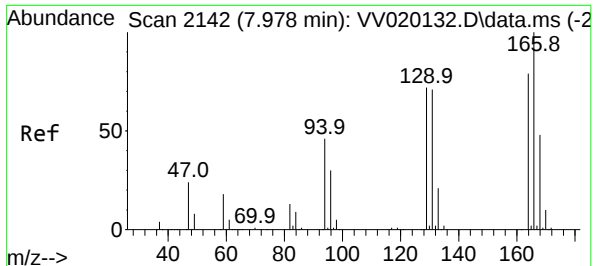
Tgt Ion: 96 Resp: 25584
Ion Ratio Lower Upper
96 100
61 142.1 96.9 179.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 6.49 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.009 min
Lab File: VV020139.D
Acq: 22 Jan 2021 16:38

Tgt Ion: 95 Resp: 16743
Ion Ratio Lower Upper
95 100
97 67.1 44.5 82.7
132 90.3 63.4 117.8
130 96.1 67.1 124.5

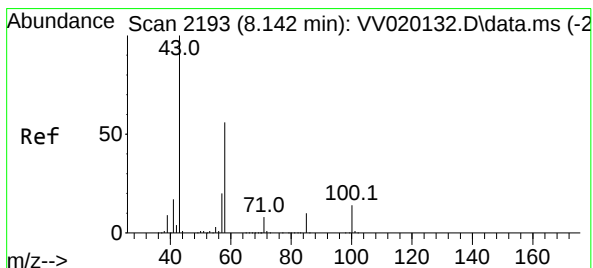
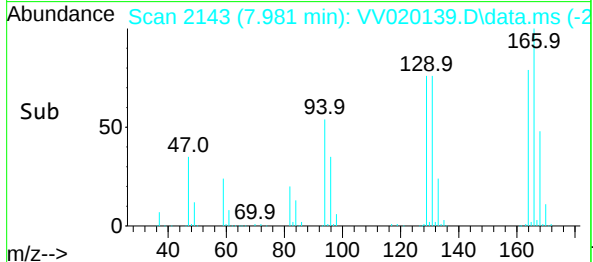
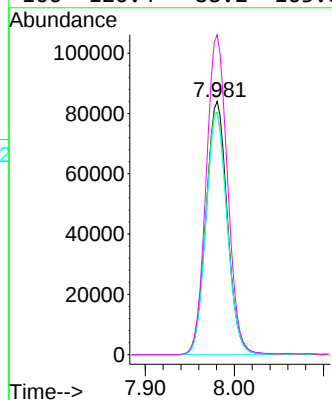
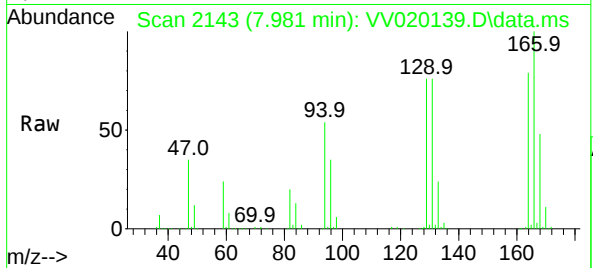




#46
Tetrachloroethene
Concen: 72.52 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020139.D
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Tgt Ion:164 Resp: 139767
Ion Ratio Lower Upper
164 100
129 95.7 70.6 131.0
131 95.6 66.8 124.0
166 126.4 88.2 163.8



#48
2-Hexanone
Concen: 3.01 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.009 min
Lab File: VV020139.D
Acq: 22 Jan 2021 16:38

Tgt Ion: 43 Resp: 8324
Ion Ratio Lower Upper
43 100
58 46.7 41.8 62.6
57 11.8 15.0 22.4#
100 11.3 8.9 13.3

