

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
 Data File : VV020124.D
 Acq On : 21 Jan 2021 23:12
 Operator : SY/MD
 Sample : M1181-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E47

Quant Time: Jan 22 06:48:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

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

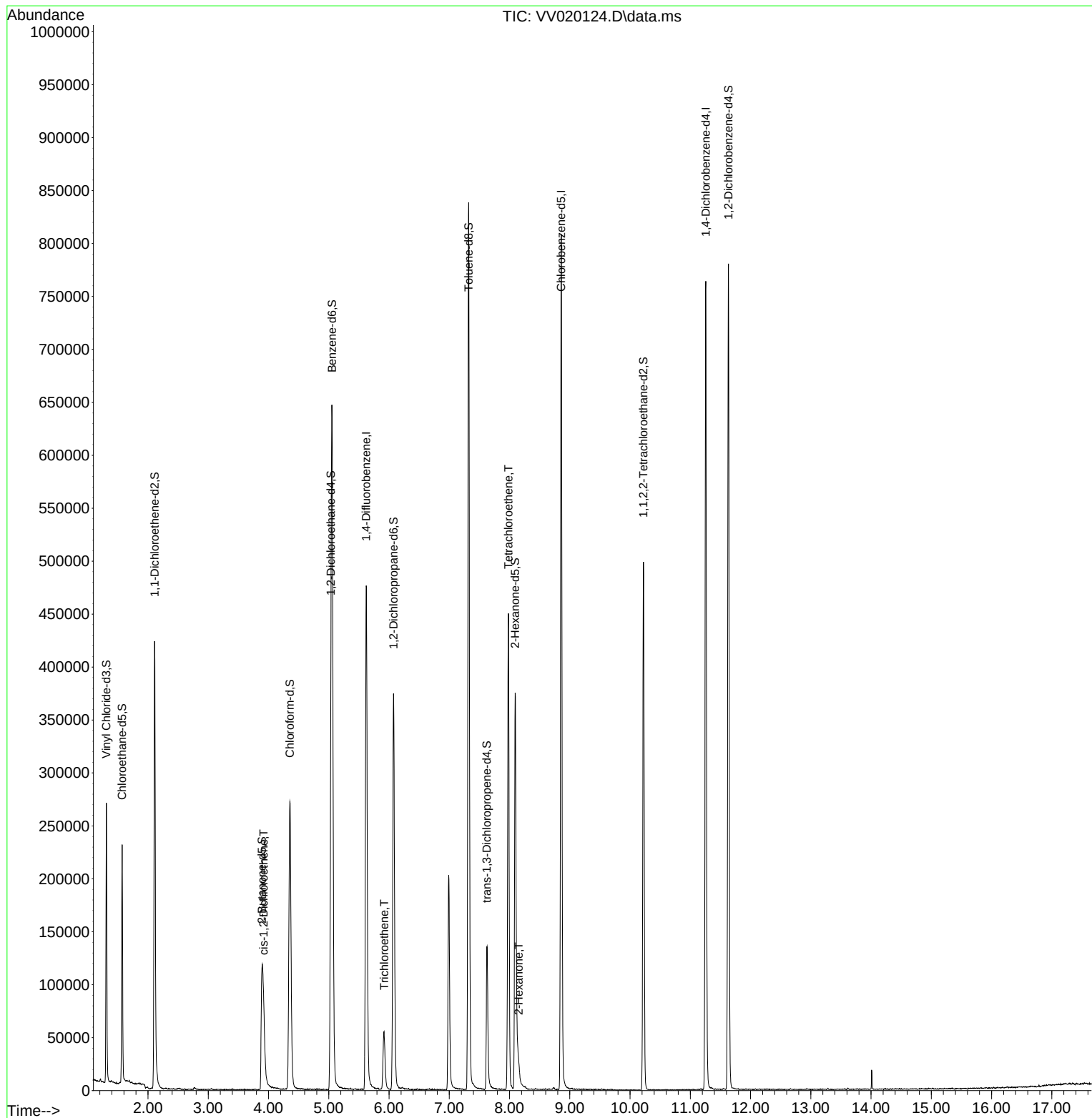
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	389627	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	412866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	180635	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	155094	53.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.34%
7) Chloroethane-d5	1.569	69	136329	56.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.72%
11) 1,1-Dichloroethene-d2	2.110	63	224003	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
21) 2-Butanone-d5	3.891	46	193088	97.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.43%
24) Chloroform-d	4.354	84	271296	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	5.035	65	196216	52.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.60%
32) Benzene-d6	5.055	84	513979	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
36) 1,2-Dichloropropane-d6	6.074	67	163753	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.24%
41) Toluene-d8	7.322	98	521229	49.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.56%
43) trans-1,3-Dichloroprop...	7.624	79	72819	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
47) 2-Hexanone-d5	8.093	63	112832	75.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.62%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	226463	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.633	152	179646	52.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.86%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.920	96	18169	6.45	ug/L	99
34) Trichloroethene	5.920	95	9638	2.75	ug/L	98
46) Tetrachloroethene	7.981	164	90598	34.60	ug/L	98
48) 2-Hexanone	8.151	43	12435	3.31	ug/L #	73

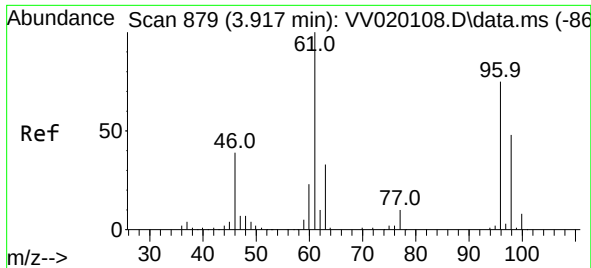
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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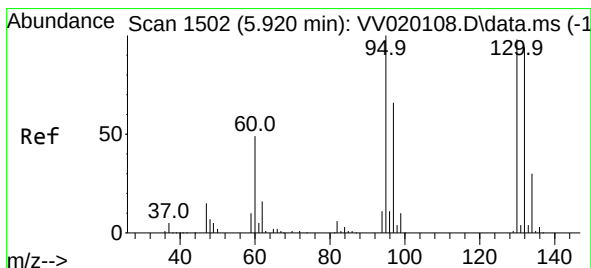
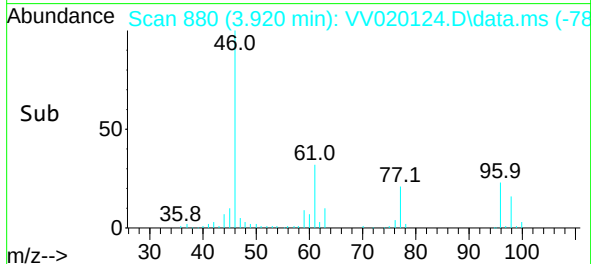
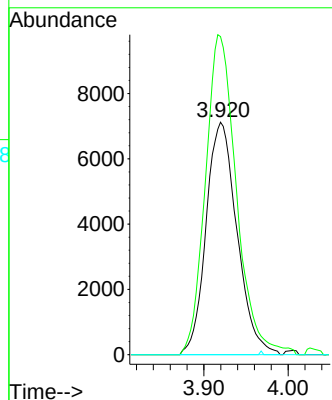
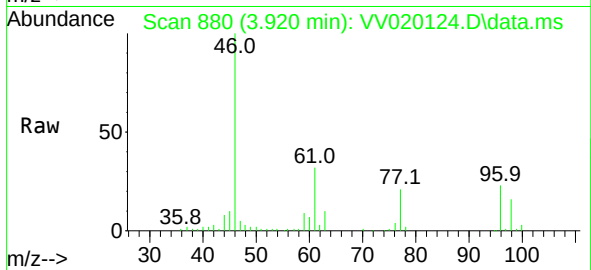




#20
cis-1,2-Dichloroethene
Concen: 6.45 ug/L
RT: 3.920 min Scan# 880
Delta R.T. 0.003 min
Lab File: VV020124.D
Acq: 21 Jan 2021 23:12

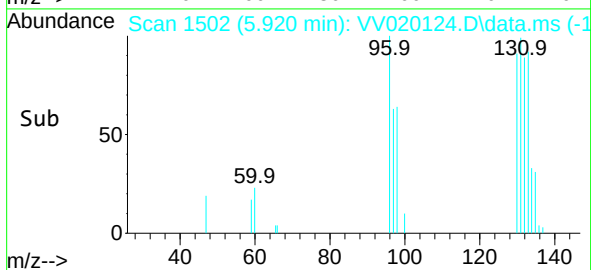
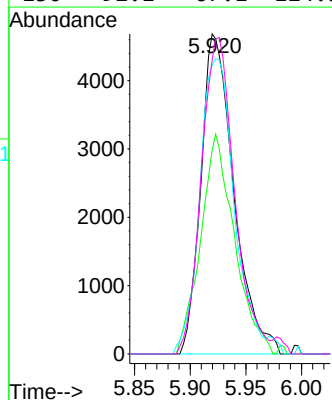
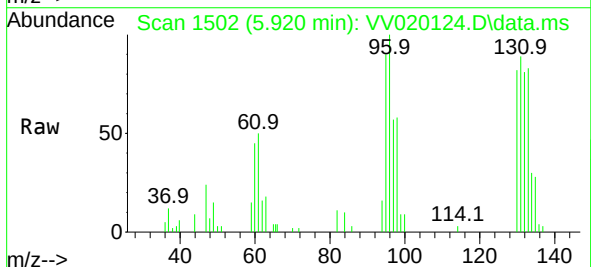
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MSVOA_V
ClientSampleId :
F1E47

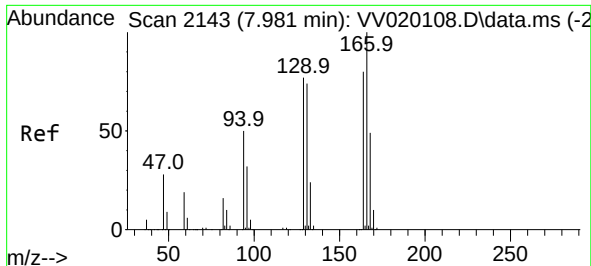
Tgt Ion: 96 Resp: 18169
Ion Ratio Lower Upper
96 100
61 136.7 96.9 179.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 2.75 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VV020124.D
Acq: 21 Jan 2021 23:12

Tgt Ion: 95 Resp: 9638
Ion Ratio Lower Upper
95 100
97 63.9 44.5 82.7
132 90.3 63.4 117.8
130 92.1 67.1 124.5

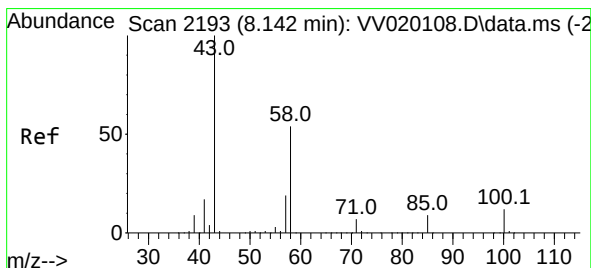
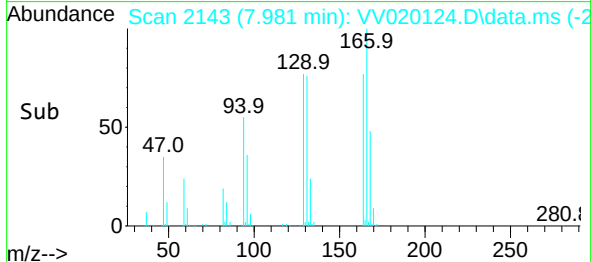
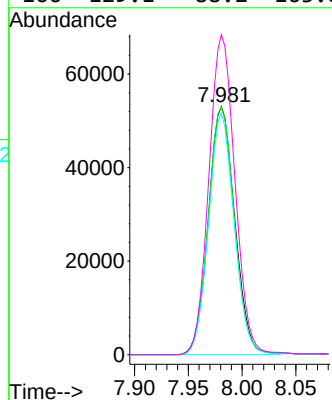
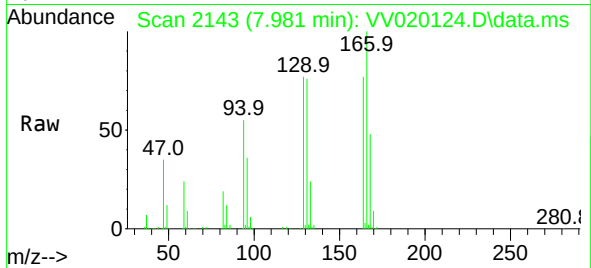




#46
Tetrachloroethene
Concen: 34.60 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020124.D
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Tgt Ion:164	Resp:	90598
Ion Ratio	Lower	Upper
164	100	
129	99.8	70.6 131.0
131	97.5	66.8 124.0
166	129.1	88.2 163.8



#48
2-Hexanone
Concen: 3.31 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VV020124.D
Acq: 21 Jan 2021 23:12

Tgt Ion: 43	Resp:	12435
Ion Ratio	Lower	Upper
43	100	
58	28.2	41.8 62.6#
57	14.6	15.0 22.4#
100	3.1	8.9 13.3#

