

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020138.D
 Acq On : 22 Jan 2021 16:15
 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 23 00:16:15 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)

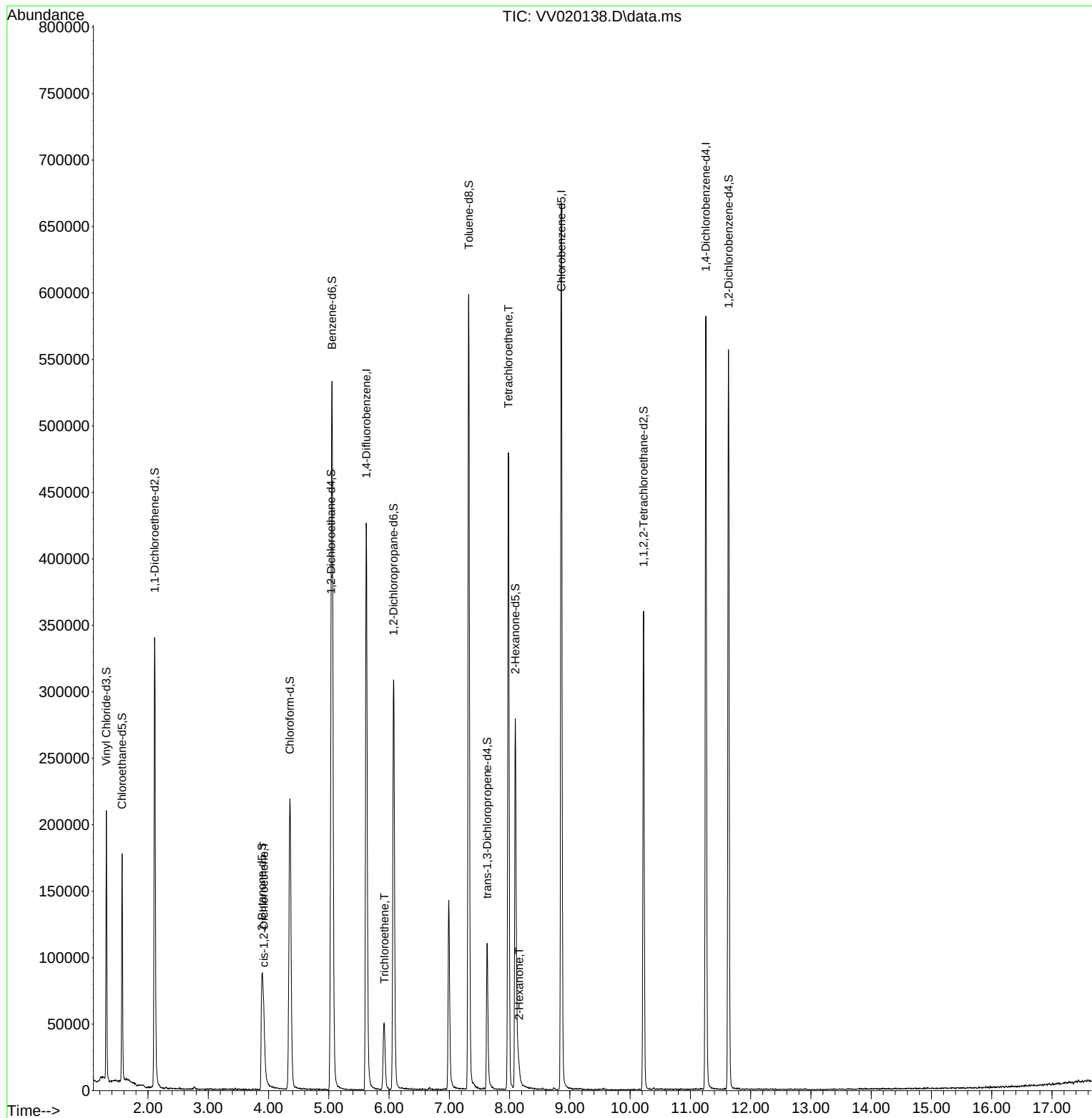
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	362221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	357661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	138877	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	118277	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.06%
7) Chloroethane-d5	1.569	69	102948	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.110	63	180210	33.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.16%
21) 2-Butanone-d5	3.891	46	143906	78.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.11%
24) Chloroform-d	4.354	84	223471	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.035	65	157519	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
32) Benzene-d6	5.055	84	451214	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
36) 1,2-Dichloropropane-d6	6.074	67	143137	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.06%
41) Toluene-d8	7.322	98	377565	41.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.40%
43) trans-1,3-Dichloroprop...	7.627	79	62324	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.92%
47) 2-Hexanone-d5	8.093	63	84885	65.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.67%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	161998	38.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.12%
64) 1,2-Dichlorobenzene-d4	11.633	152	131730	50.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.96%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.923	96	14228	5.43	ug/L	92
34) Trichloroethene	5.923	95	10021	3.30	ug/L	97
46) Tetrachloroethene	7.981	164	98623	43.48	ug/L	96
48) 2-Hexanone	8.158	43	10987	3.37	ug/L #	71

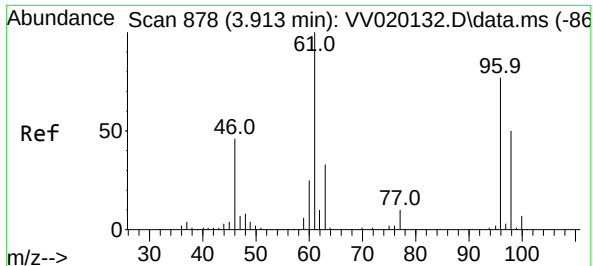
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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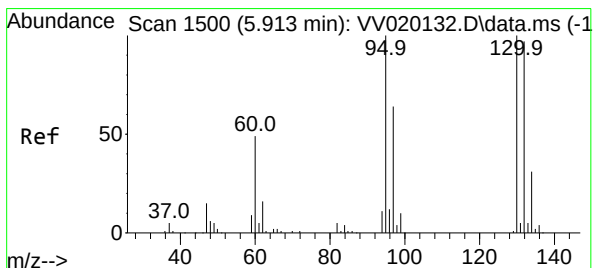
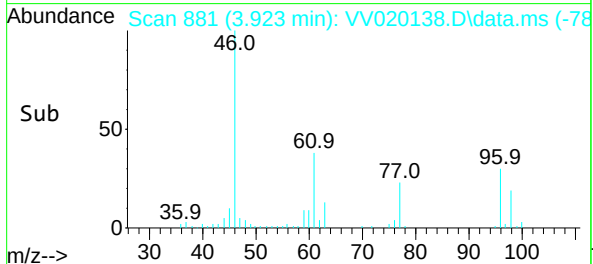
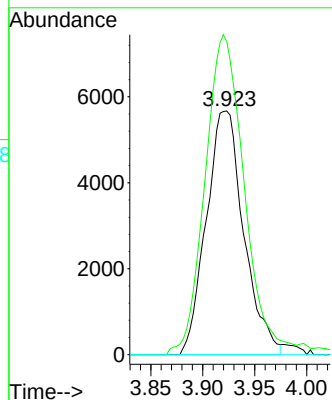
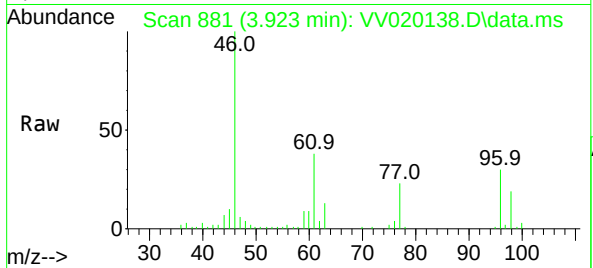




#20
cis-1,2-Dichloroethene
Concen: 5.43 ug/L
RT: 3.923 min Scan# 881
Delta R.T. 0.010 min
Lab File: VV020138.D
Acq: 22 Jan 2021 16:15

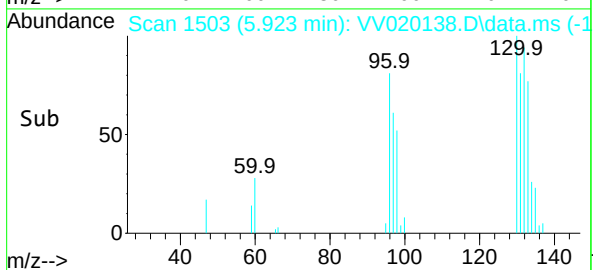
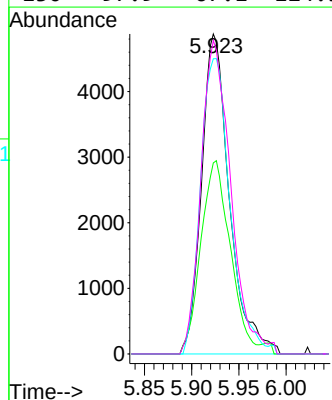
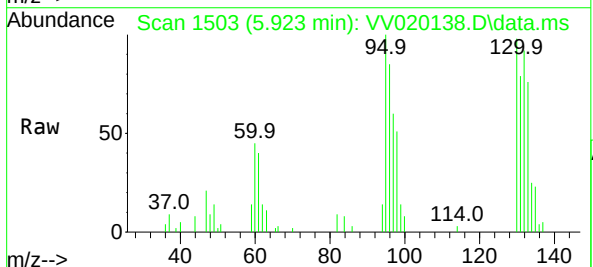
Instrument :
MSVOA_V
ClientSampled :
F1E47

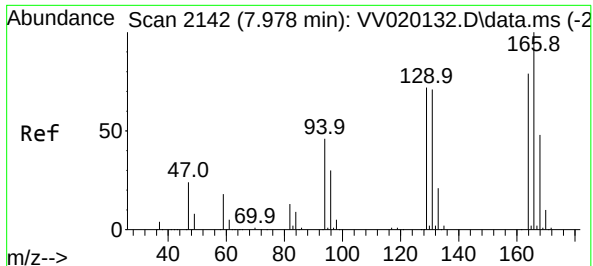
Tgt Ion: 96 Resp: 14228
Ion Ratio Lower Upper
96 100
61 128.5 96.9 179.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.30 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.010 min
Lab File: VV020138.D
Acq: 22 Jan 2021 16:15

Tgt Ion: 95 Resp: 10021
Ion Ratio Lower Upper
95 100
97 59.7 44.5 82.7
132 92.2 63.4 117.8
130 97.9 67.1 124.5



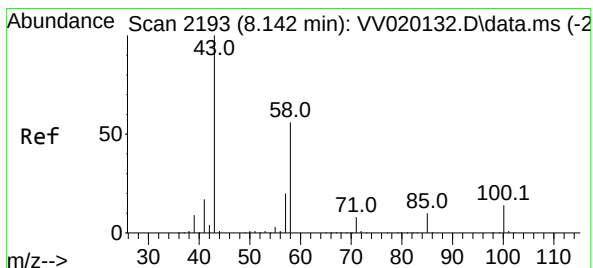
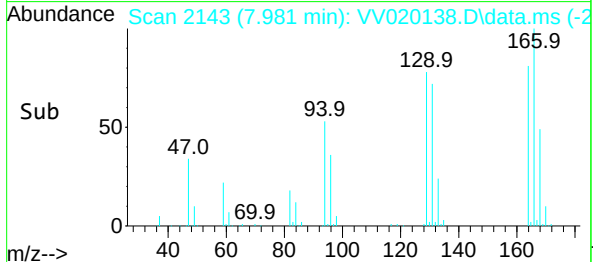
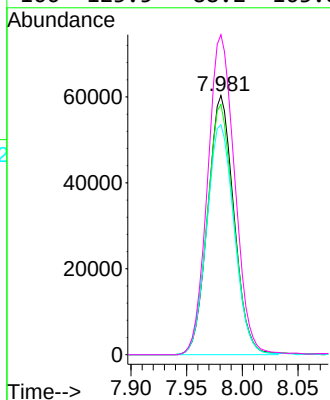
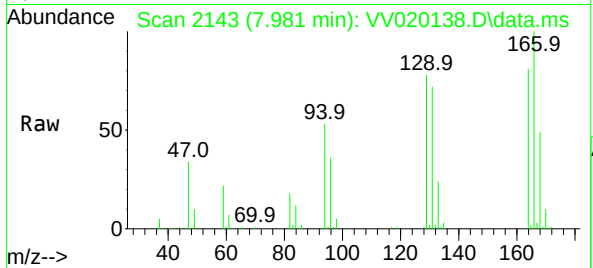


#46
Tetrachloroethene
Concen: 43.48 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020138.D
Acq: 22 Jan 2021 16:15

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 98623

Ion	Ratio	Lower	Upper
164	100		
129	96.6	70.6	131.0
131	88.7	66.8	124.0
166	123.5	88.2	163.8



#48
2-Hexanone
Concen: 3.37 ug/L
RT: 8.158 min Scan# 2198
Delta R.T. 0.016 min
Lab File: VV020138.D
Acq: 22 Jan 2021 16:15

Tgt Ion: 43 Resp: 10987

Ion	Ratio	Lower	Upper
43	100		
58	25.6	41.8	62.6#
57	14.0	15.0	22.4#
100	4.4	8.9	13.3#

