

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
 Data File : VV020126.D
 Acq On : 22 Jan 2021 00:00
 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 22 06:48:47 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)

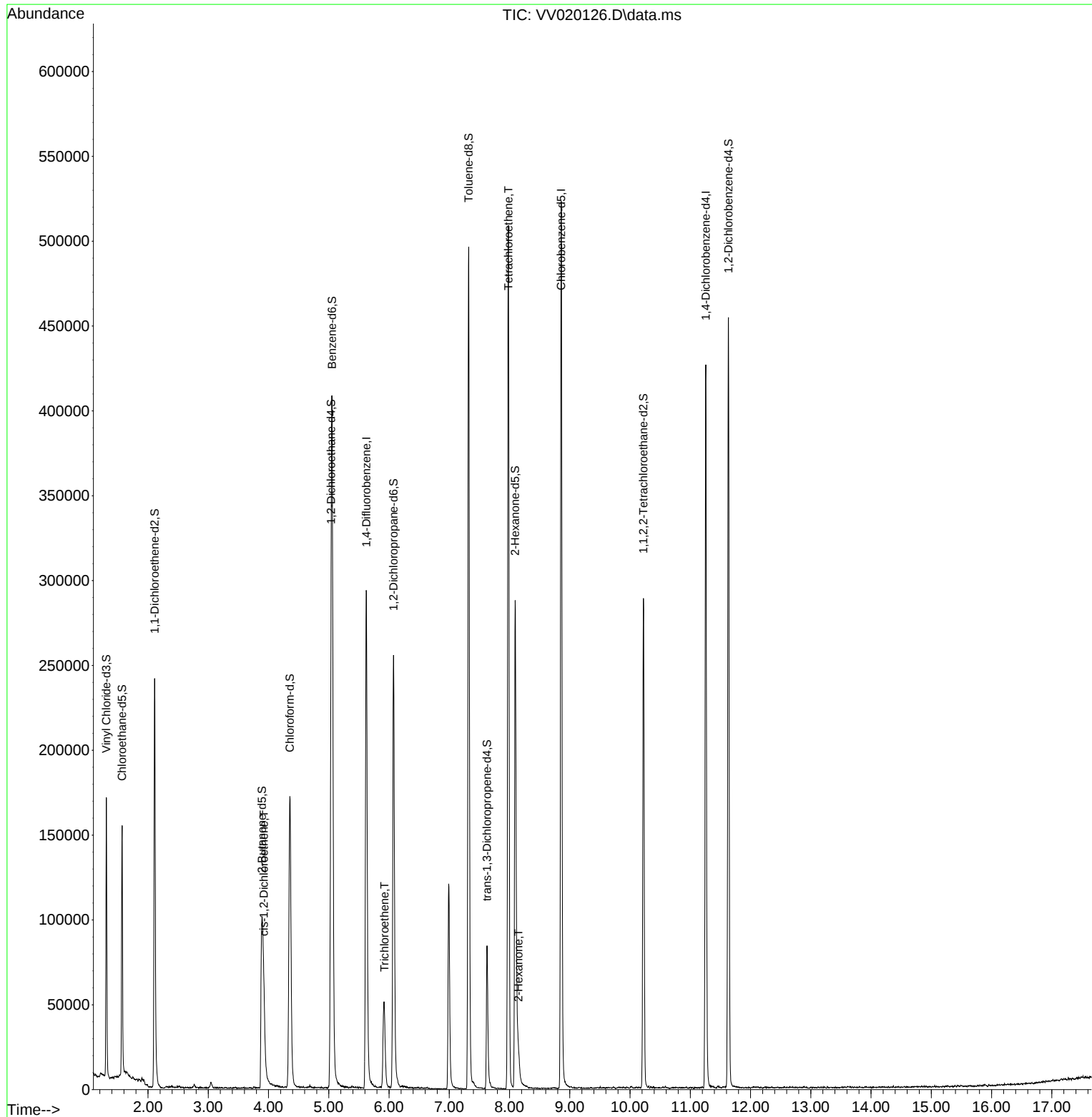
Internal Standards						
1) 1,4-Difluorobenzene	5.624	114	234950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	277348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	96990	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	97619	56.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	112.04%		
7) Chloroethane-d5	1.569	69	87935	60.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	120.58%		
11) 1,1-Dichloroethene-d2	2.110	63	124372	35.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.46%		
21) 2-Butanone-d5	3.891	46	158556	132.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	132.67%#		
24) Chloroform-d	4.354	84	172712	52.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.82%		
26) 1,2-Dichloroethane-d4	5.039	65	125085	55.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.58%		
32) Benzene-d6	5.055	84	320719	41.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.98%		
36) 1,2-Dichloropropane-d6	6.074	67	112981	46.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.72%		
41) Toluene-d8	7.322	98	318767	44.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.72%		
43) trans-1,3-Dichloroprop...	7.627	79	47685	40.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.84%		
47) 2-Hexanone-d5	8.093	63	92571	92.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.35%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	128032	38.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.58%		
64) 1,2-Dichlorobenzene-d4	11.633	152	104350	57.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.52%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.923	96	19646	11.56	ug/L	94
34) Trichloroethene	5.926	95	11287	4.79	ug/L	91
46) Tetrachloroethene	7.981	164	112842	64.15	ug/L	95
48) 2-Hexanone	8.148	43	10469	4.14	ug/L #	75

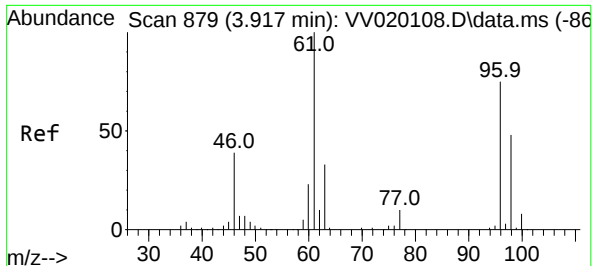
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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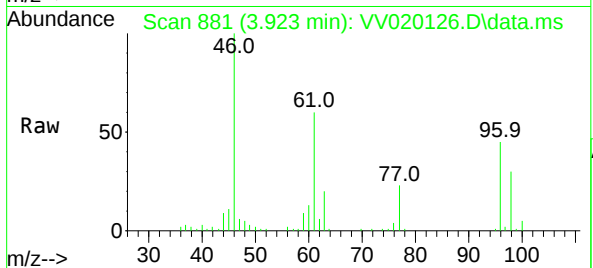
Quant Time: Jan 22 06:48:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
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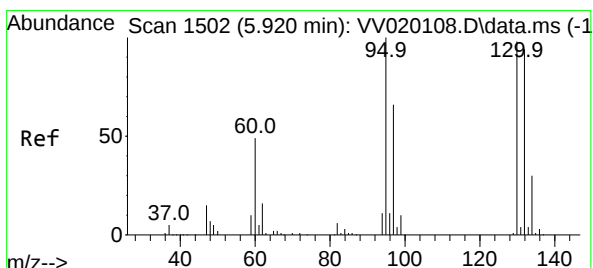
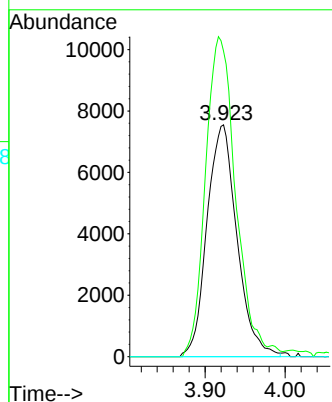
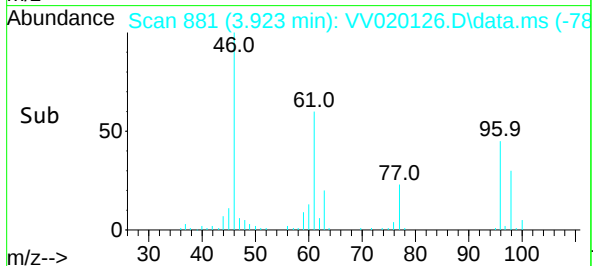


#20
cis-1,2-Dichloroethene
Concen: 11.56 ug/L
RT: 3.923 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV020126.D
Acq: 22 Jan 2021 00:00

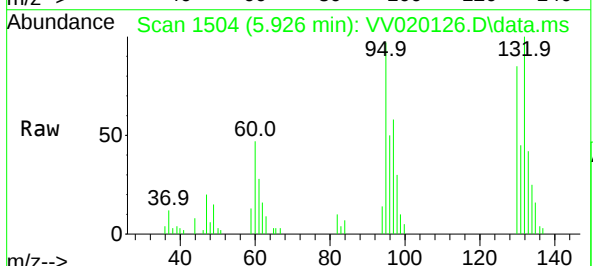
Instrument :
MSVOA_V
ClientSampleId :
F1E49



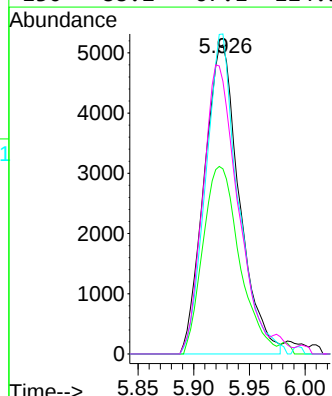
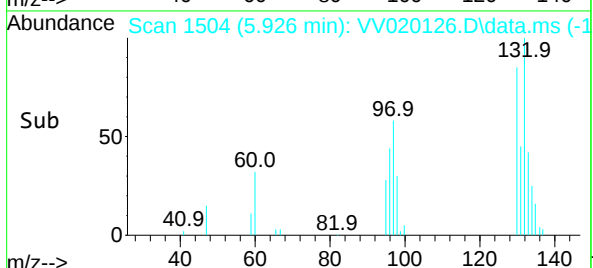
Tgt Ion: 96 Resp: 19646
Ion Ratio Lower Upper
96 100
61 131.7 96.9 179.9
68 0.0 0.0 0.0

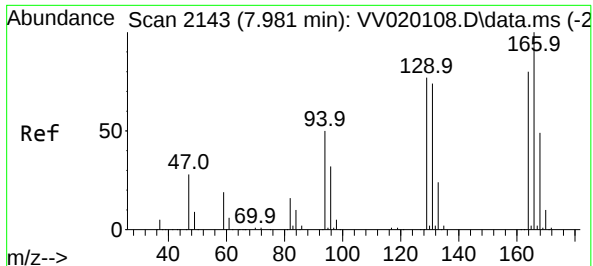


#34
Trichloroethene
Concen: 4.79 ug/L
RT: 5.926 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VV020126.D
Acq: 22 Jan 2021 00:00



Tgt Ion: 95 Resp: 11287
Ion Ratio Lower Upper
95 100
97 59.9 44.5 82.7
132 103.5 63.4 117.8
130 88.2 67.1 124.5



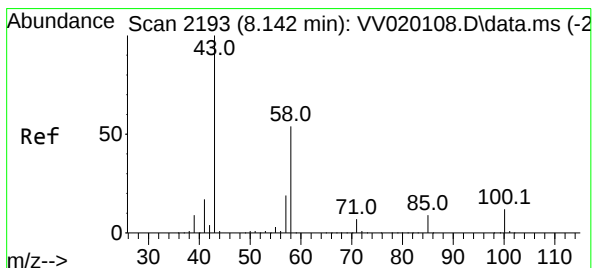
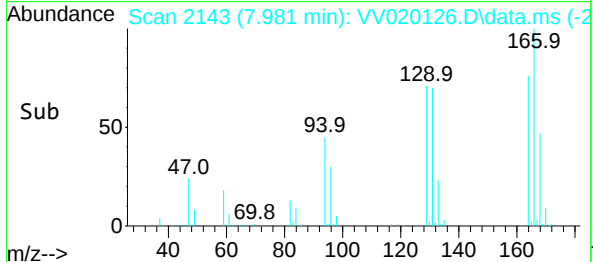
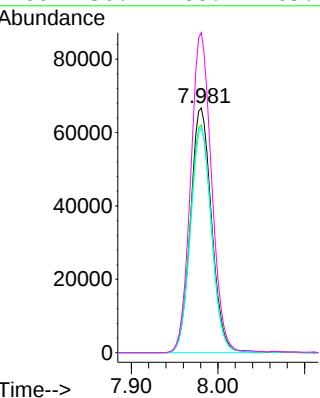
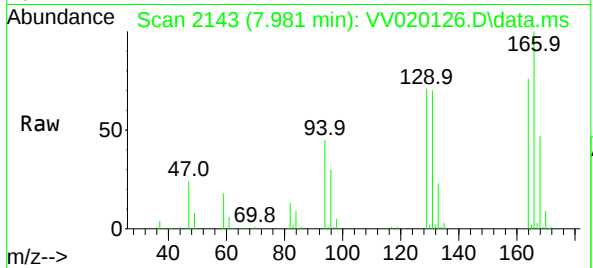


#46
Tetrachloroethene
Concen: 64.15 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020126.D
Acq: 22 Jan 2021 00:00

Instrument :
MSVOA_V
ClientSampled :
F1E49

Tgt Ion:164 Resp: 112842

Ion	Ratio	Lower	Upper
164	100		
129	93.0	70.6	131.0
131	91.9	66.8	124.0
166	130.7	88.2	163.8



#48
2-Hexanone
Concen: 4.14 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020126.D
Acq: 22 Jan 2021 00:00

Tgt Ion: 43 Resp: 10469

Ion	Ratio	Lower	Upper
43	100		
58	37.2	41.8	62.6#
57	1.4	15.0	22.4#
100	5.0	8.9	13.3#

