

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
 Data File : VV020095.D
 Acq On : 20 Jan 2021 22:51
 Operator : SY/MD
 Sample : M1181-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E45

Quant Time: Jan 20 23:45:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

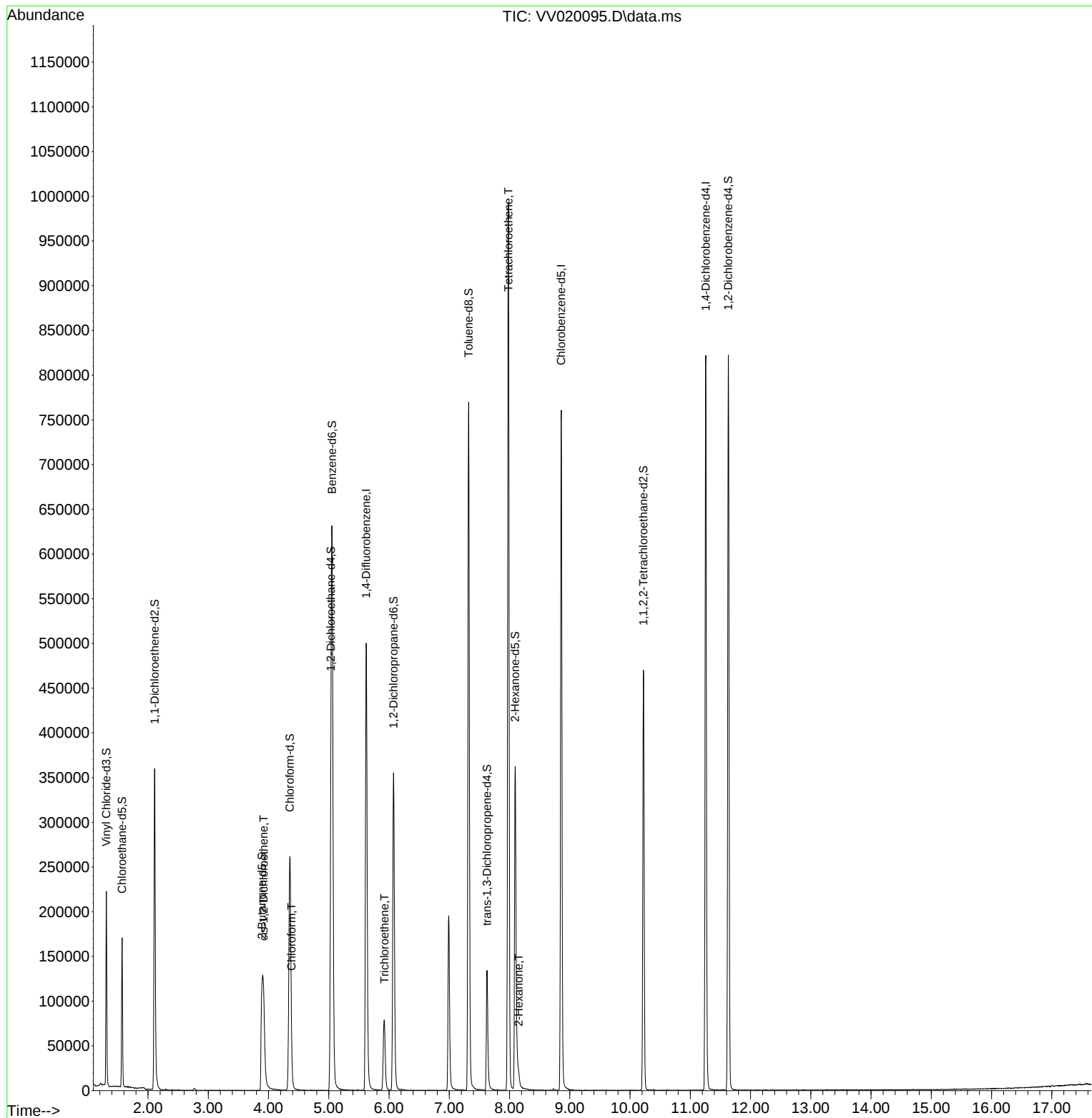
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	428822	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	414835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	208454	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	129283	48.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.10%		
7) Chloroethane-d5	1.569	69	96818	46.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.38%		
11) 1,1-Dichloroethene-d2	2.110	63	189702	35.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.60%		
21) 2-Butanone-d5	3.891	46	181217	96.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.66%		
24) Chloroform-d	4.354	84	270009	44.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.88%		
26) 1,2-Dichloroethane-d4	5.036	65	184223	45.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.60%		
32) Benzene-d6	5.055	84	542090	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.84%		
36) 1,2-Dichloropropane-d6	6.074	67	165568	51.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.30%		
41) Toluene-d8	7.322	98	495789	48.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.04%		
43) trans-1,3-Dichloroprop...	7.627	79	74944	41.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.54%		
47) 2-Hexanone-d5	8.093	63	119273	90.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.11%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	214622	47.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.22%		
64) 1,2-Dichlorobenzene-d4	11.630	152	210509	51.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.20%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.917	96	38901	12.64	ug/L	93
25) Chloroform	4.380	83	5049	0.90	ug/L	91
34) Trichloroethene	5.926	95	22967	6.75	ug/L	95
46) Tetrachloroethene	7.981	164	219870	81.44	ug/L	94
48) 2-Hexanone	8.151	43	9183	3.06	ug/L #	43

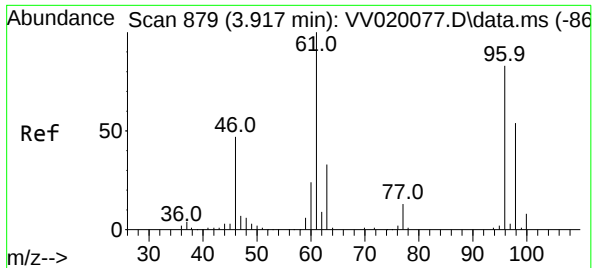
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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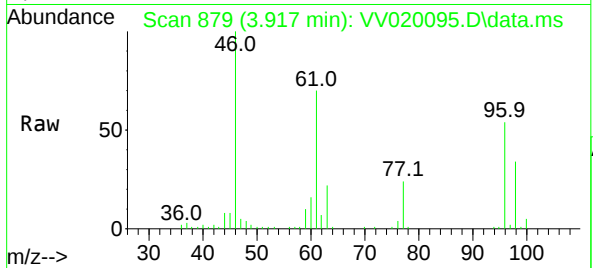
Quant Time: Jan 20 23:45:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 23:39:20 2021
Response via : Initial Calibration



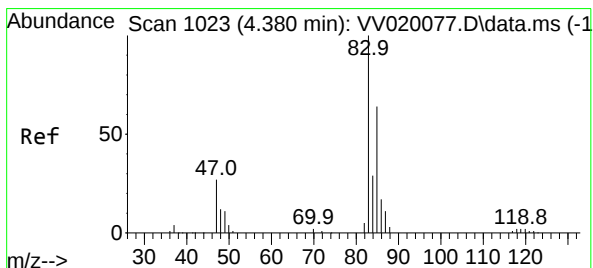
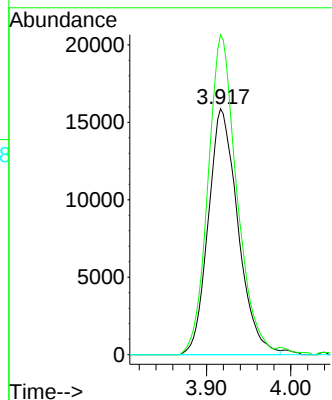
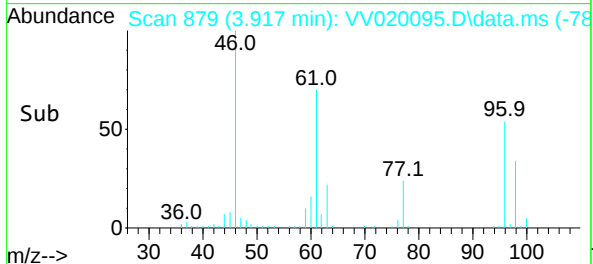


#20
cis-1,2-Dichloroethene
Concen: 12.64 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020095.D
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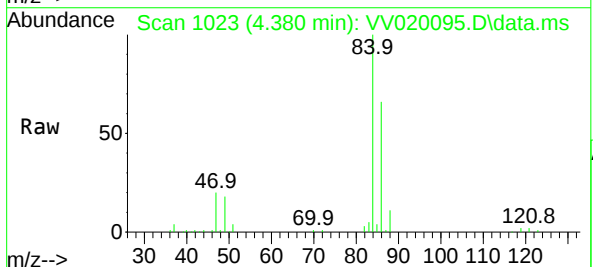
Instrument :
MSVOA_V
ClientSampleId :
F1E45



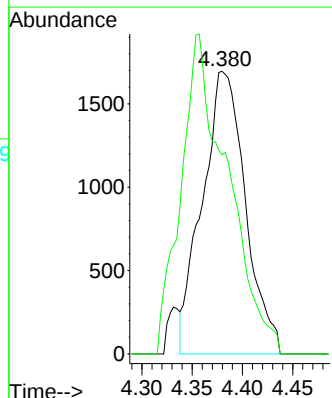
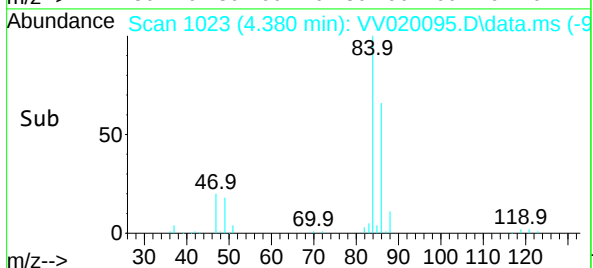
Tgt Ion: 96 Resp: 38901
Ion Ratio Lower Upper
96 100
61 130.1 96.9 179.9
68 0.0 0.0 0.0

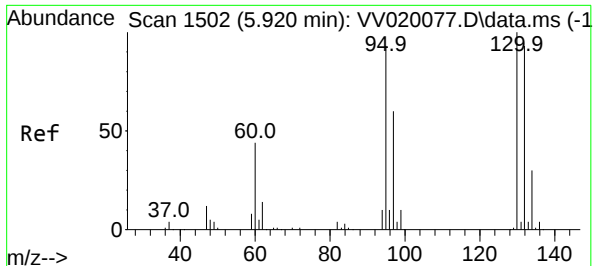


#25
Chloroform
Concen: 0.90 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020095.D
Acq: 20 Jan 2021 22:51



Tgt Ion: 83 Resp: 5049
Ion Ratio Lower Upper
83 100
85 70.4 44.2 82.2





#34

Trichloroethene

Concen: 6.75 ug/L

RT: 5.926 min Scan# 1504

Delta R.T. 0.007 min

Lab File: VV020095.D

Acq: 20 Jan 2021 22:51

Tgt Ion: 95 Resp: 22967

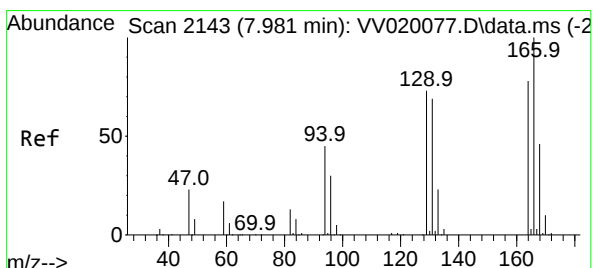
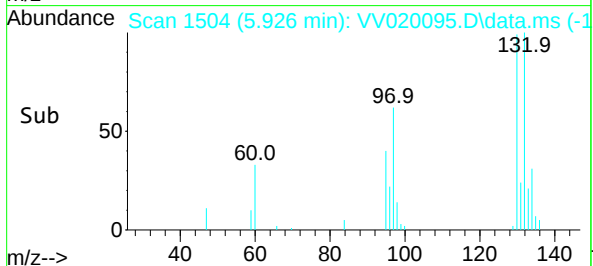
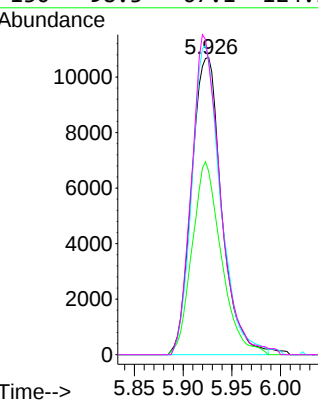
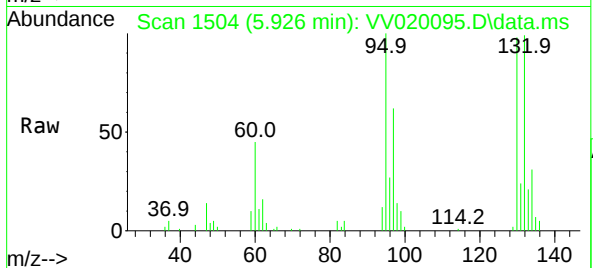
Ion Ratio Lower Upper

95 100

97 61.7 44.5 82.7

132 99.1 63.4 117.8

130 98.3 67.1 124.5



#46

Tetrachloroethene

Concen: 81.44 ug/L

RT: 7.981 min Scan# 2143

Delta R.T. 0.000 min

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Tgt Ion: 164 Resp: 219870

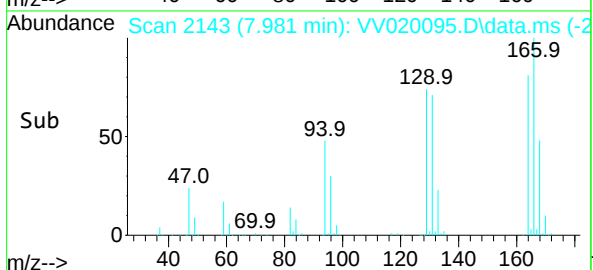
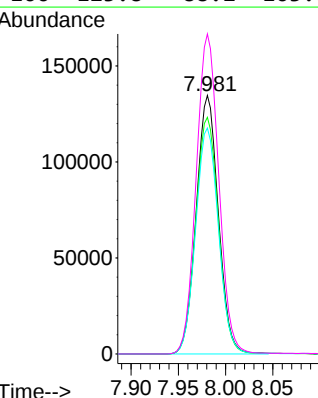
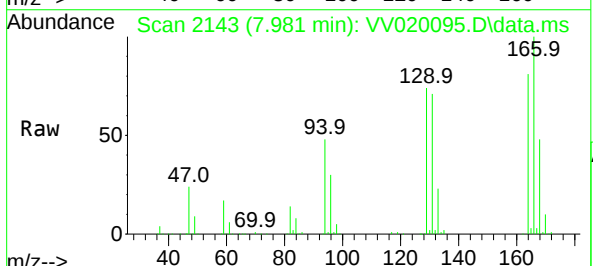
Ion Ratio Lower Upper

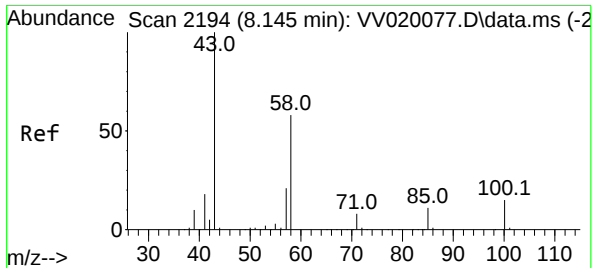
164 100

129 91.5 70.6 131.0

131 87.4 66.8 124.0

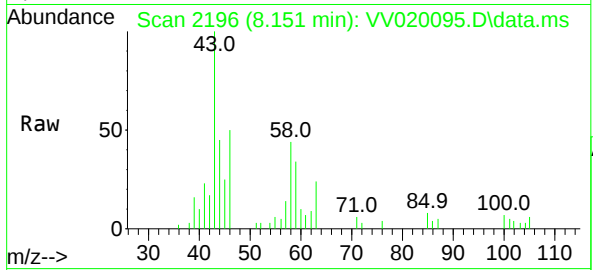
166 123.8 88.2 163.8





#48
 2-Hexanone
 Concen: 3.06 ug/L
 RT: 8.151 min Scan# 2196
 Delta R.T. 0.007 min
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Tgt Ion: 43	Resp: 9183
Ion Ratio	Lower Upper
43	100
58	0.0 41.8 62.6#
57	4.0 15.0 22.4#
100	5.3 8.9 13.3#

