

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
 Data File : VV020096.D
 Acq On : 20 Jan 2021 23:15
 Operator : SY/MD
 Sample : M1181-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E46

Manual Integrations
 APPROVED

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 1/22/2021 5:05:14 PM

Quant Time: Jan 21 01:08:05 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	433760	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	420236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	208636	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	132223	48.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.18%		
7) Chloroethane-d5	1.570	69	97421	46.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.88%		
11) 1,1-Dichloroethene-d2	2.110	63	189974	34.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.90%		
21) 2-Butanone-d5	3.888	46	183640	96.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.84%		
24) Chloroform-d	4.354	84	275274	45.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.60%		
26) 1,2-Dichloroethane-d4	5.039	65	191185	46.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.98%		
32) Benzene-d6	5.055	84	553907	49.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.70%		
36) 1,2-Dichloropropane-d6	6.074	67	169123	52.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.16%		
41) Toluene-d8	7.322	98	505196	48.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.62%		
43) trans-1,3-Dichloroprop...	7.627	79	78296	43.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.14%		
47) 2-Hexanone-d5	8.093	63	118973	88.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.73%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	215506	47.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.38%		
64) 1,2-Dichlorobenzene-d4	11.630	152	216343	52.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.96%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.920	96	7820	2.51	ug/L	79
34) Trichloroethene	5.923	95	3638	1.06	ug/L	90
46) Tetrachloroethene	7.981	164	45104	16.49	ug/L	96
48) 2-Hexanone	8.148	43	10670m	3.51	ug/L	

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

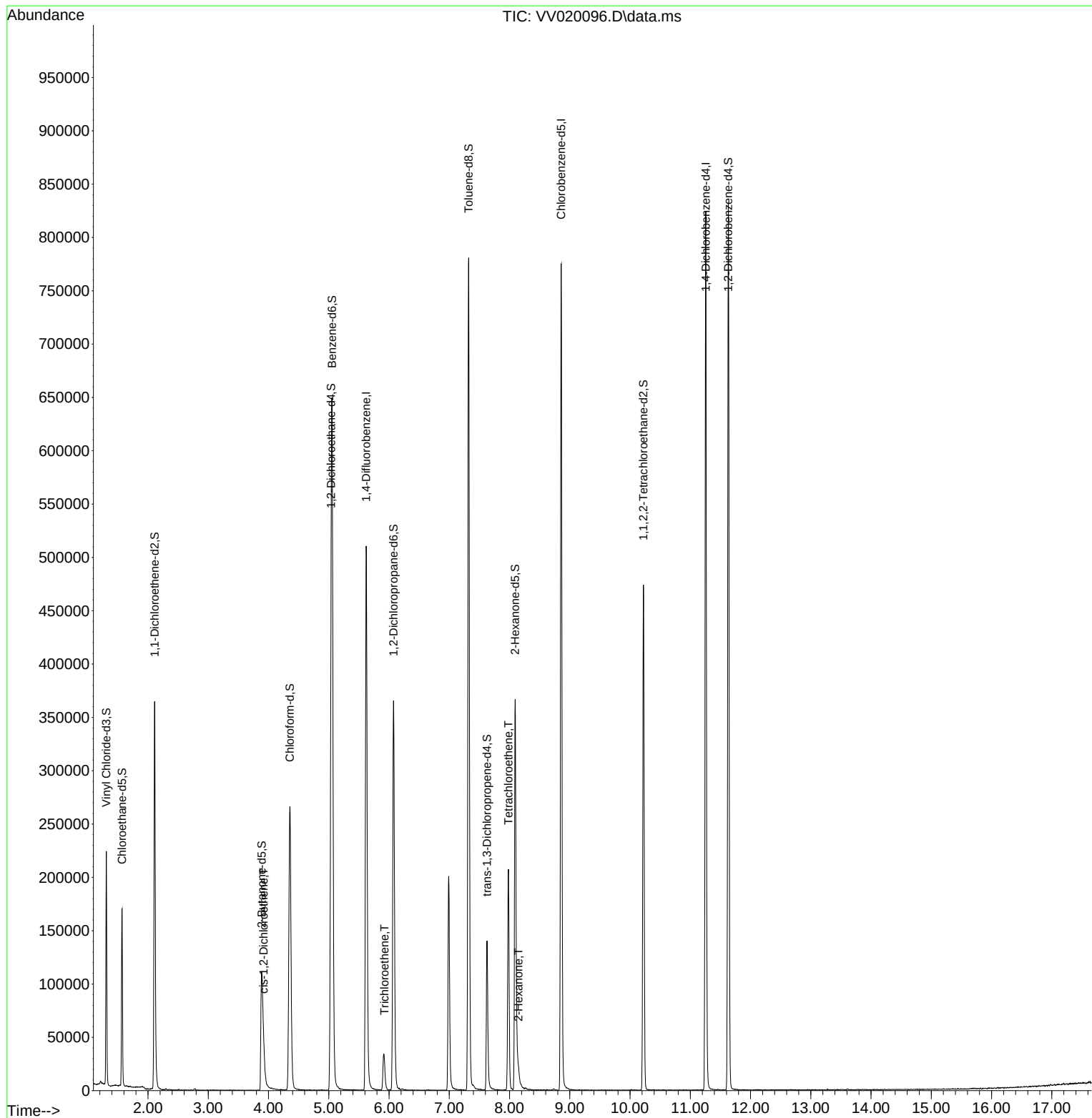
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
Data File : VV020096.D
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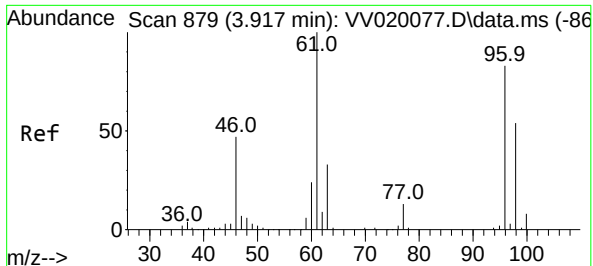
Instrument :
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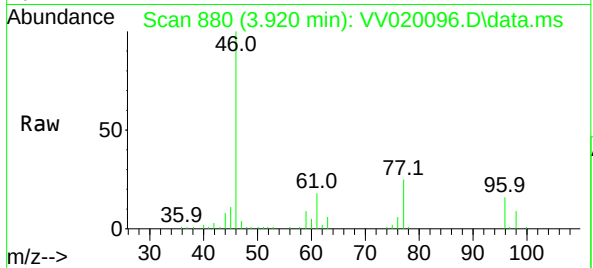
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Quant Time: Jan 21 01:08:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 23:39:20 2021
Response via : Initial Calibration

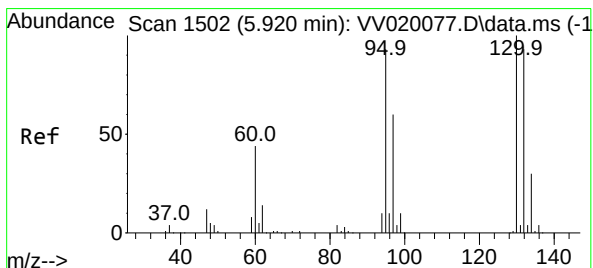
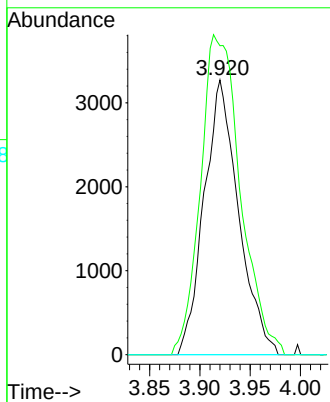
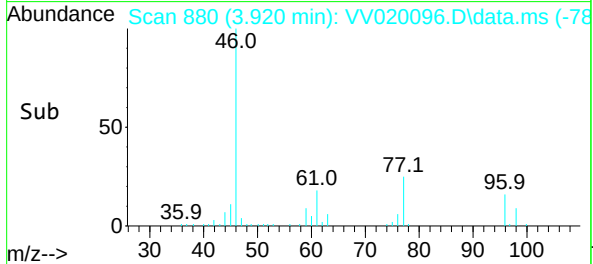




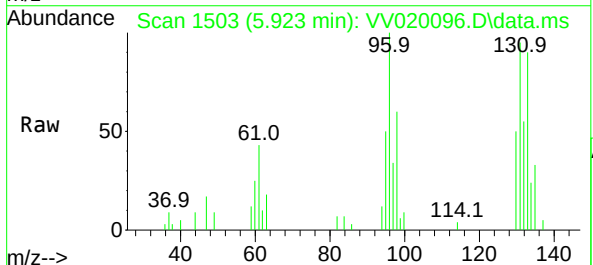
#20
cis-1,2-Dichloroethene
Concen: 2.51 ug/L
RT: 3.920 min Scan# 880
Delta R.T. 0.003 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15



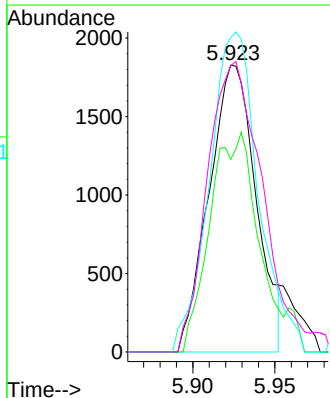
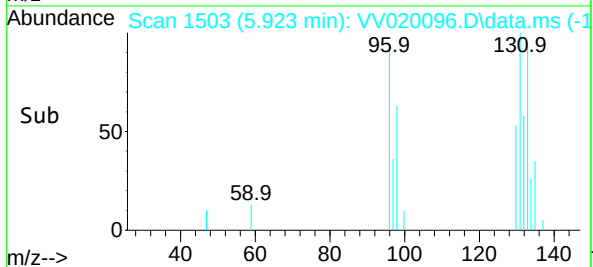
Tgt Ion: 96 Resp: 7820
Ion Ratio Lower Upper
96 100
61 112.5 96.9 179.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.06 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15



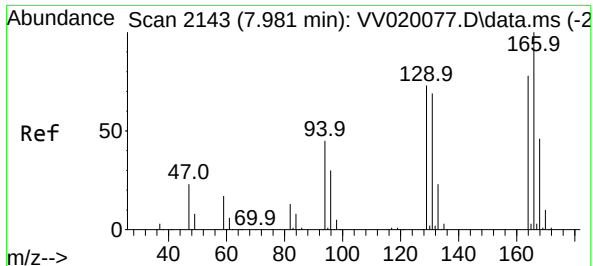
Tgt Ion: 95 Resp: 3638
Ion Ratio Lower Upper
95 100
97 67.2 44.5 82.7
132 109.6 63.4 117.8
130 99.8 67.1 124.5



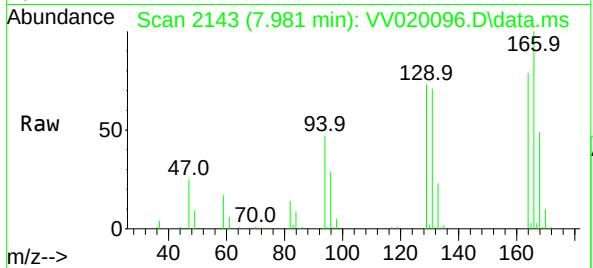
Instrument :
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ClientSampled :
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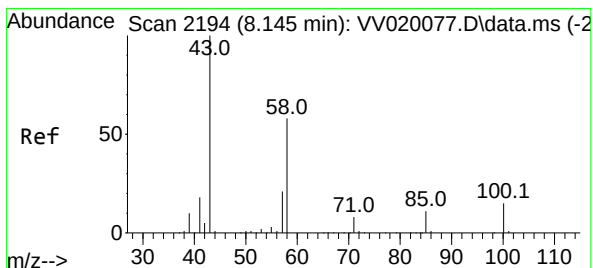
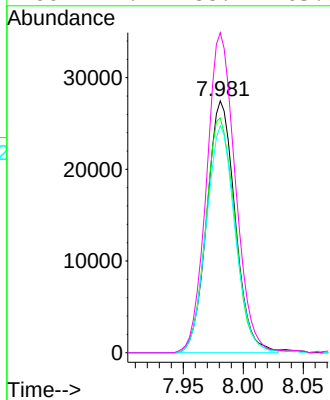
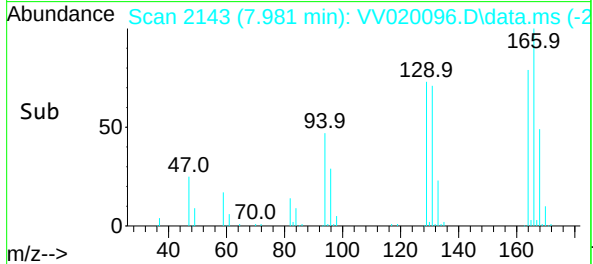
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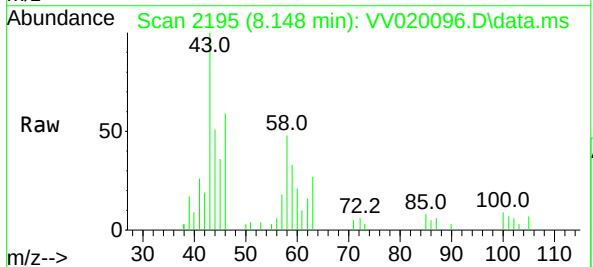
#46
Tetrachloroethene
Concen: 16.49 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15



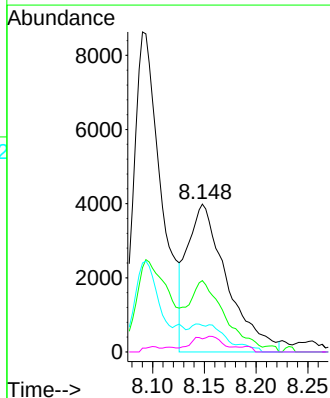
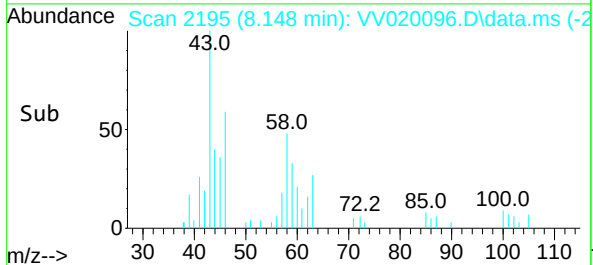
Tgt Ion:164 Resp: 45104
Ion Ratio Lower Upper
164 100
129 93.2 70.6 131.0
131 90.1 66.8 124.0
166 127.1 88.2 163.8



#48
2-Hexanone
Concen: 3.51 ug/L m
RT: 8.148 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15



Tgt Ion: 43 Resp: 10670
Ion Ratio Lower Upper
43 100
58 50.1 41.8 62.6
57 38.5 15.0 22.4#
100 1.5 8.9 13.3#



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