

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
 Data File : VV020091.D
 Acq On : 20 Jan 2021 21:17
 Operator : SY/MD
 Sample : M1181-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E40

Quant Time: Jan 20 23:44:17 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)

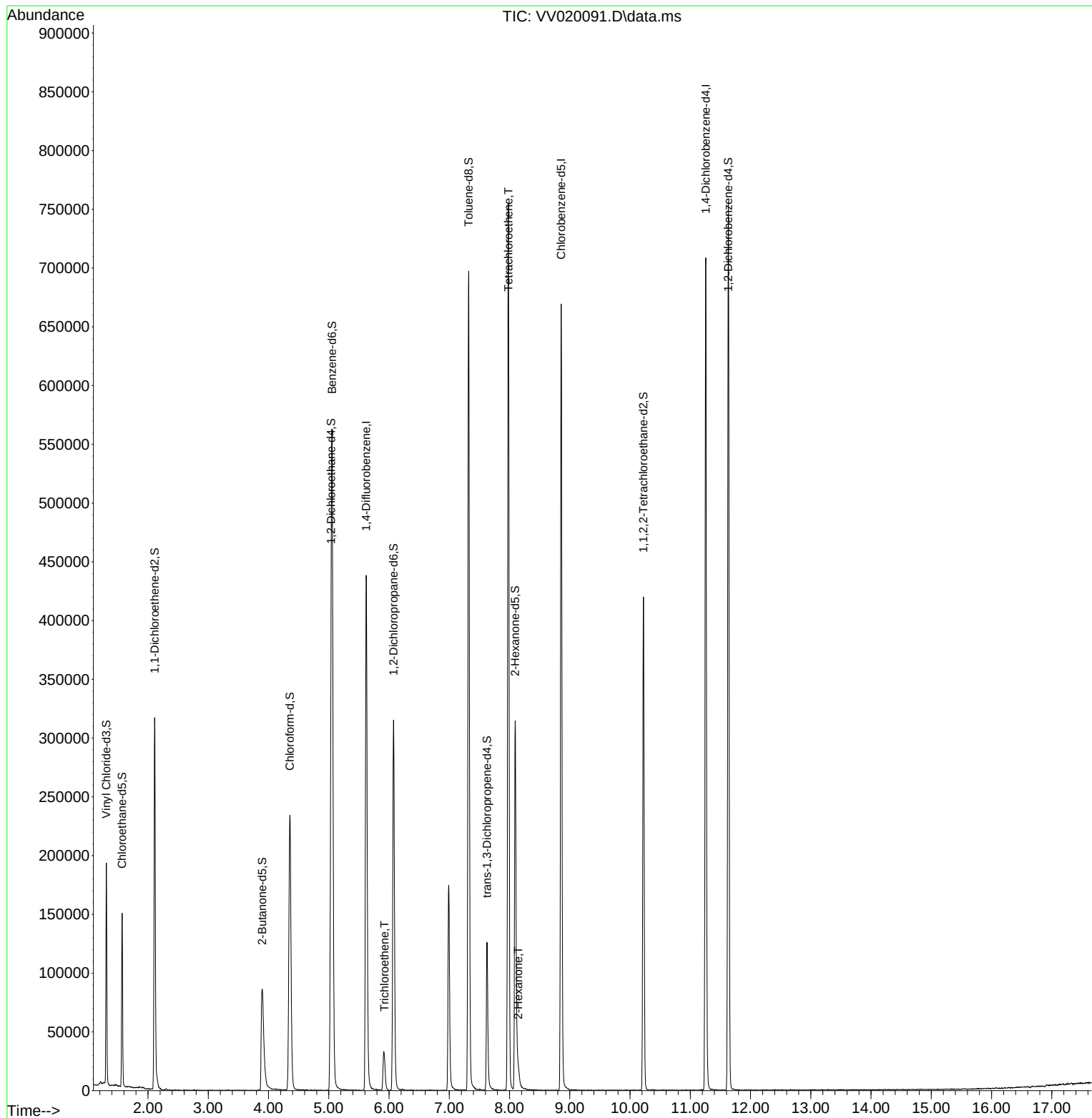
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	376894	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	365938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	185676	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	115617	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.80%
7) Chloroethane-d5	1.569	69	89938	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.68%
11) 1,1-Dichloroethene-d2	2.109	63	167689	35.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.02%
21) 2-Butanone-d5	3.894	46	156326	94.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.87%
24) Chloroform-d	4.354	84	243101	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.039	65	171428	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.055	84	480630	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.074	67	143826	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.74%
41) Toluene-d8	7.321	98	447797	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%
43) trans-1,3-Dichloroprop...	7.627	79	71841	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
47) 2-Hexanone-d5	8.093	63	103790	88.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.89%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	189896	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.630	152	193525	53.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.50%
Target Compounds						
					Qvalue	
34) Trichloroethene	5.923	95	6213	2.07	ug/L	85
46) Tetrachloroethene	7.981	164	168657	70.82	ug/L	96
48) 2-Hexanone	8.145	43	7569	2.86	ug/L #	89

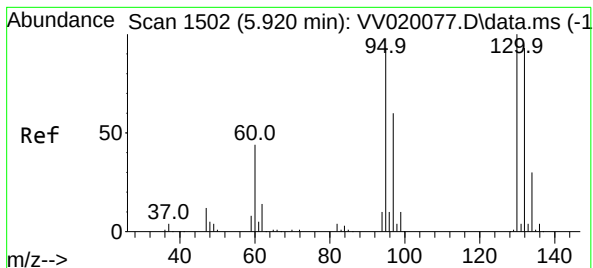
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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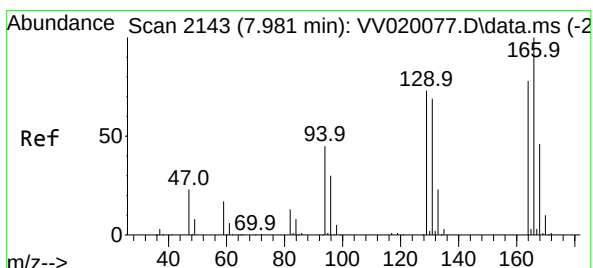
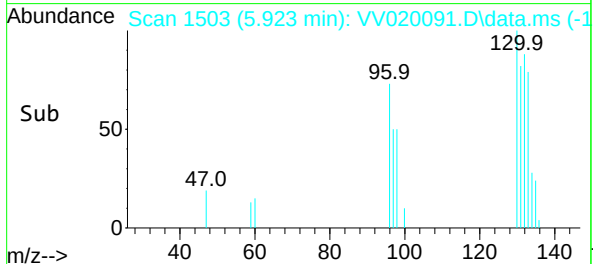
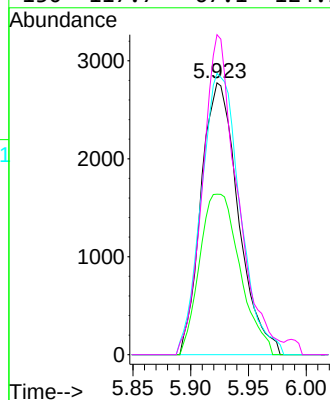
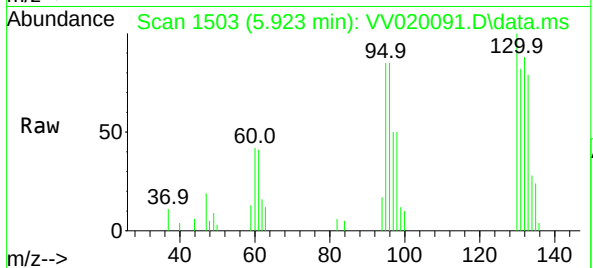


#34
Trichloroethene
Concen: 2.07 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VV020091.D
Acq: 20 Jan 2021 21:17

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F1E40

Tgt Ion: 95 Resp: 6213

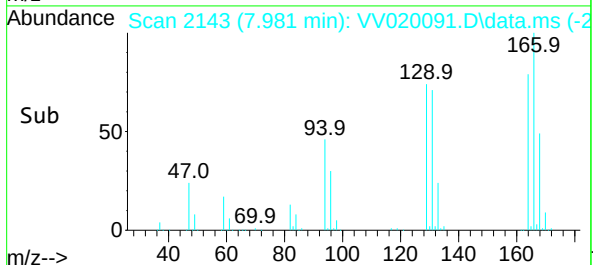
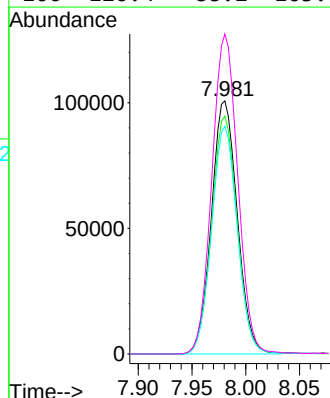
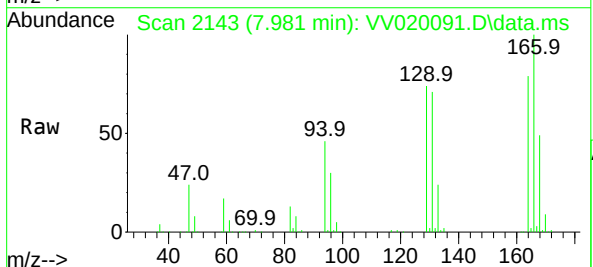
Ion	Ratio	Lower	Upper
95	100		
97	59.1	44.5	82.7
132	103.5	63.4	117.8
130	117.7	67.1	124.5

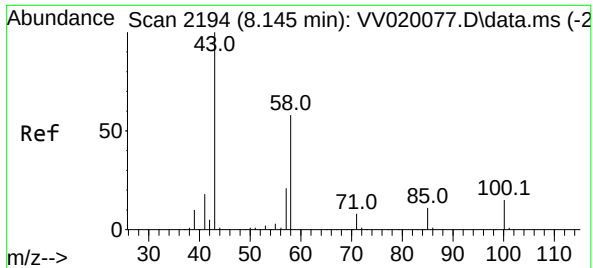


#46
Tetrachloroethene
Concen: 70.82 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020091.D
Acq: 20 Jan 2021 21:17

Tgt Ion: 164 Resp: 168657

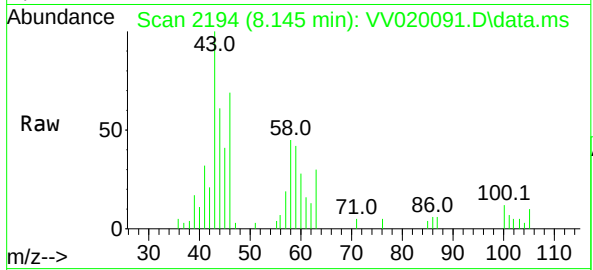
Ion	Ratio	Lower	Upper
164	100		
129	94.0	70.6	131.0
131	89.9	66.8	124.0
166	126.4	88.2	163.8





#48
 2-Hexanone
 Concen: 2.86 ug/L
 RT: 8.145 min Scan# 2194
 Delta R.T. -0.000 min
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Tgt Ion: 43	Resp:	7569
Ion	Ratio	Lower Upper
43	100	
58	48.0	41.8 62.6
57	8.1	15.0 22.4#
100	6.3	8.9 13.3#

