

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022433.D
 Acq On : 30 Sep 2021 15:42
 Operator : SY/MD
 Sample : M3978-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A46

Quant Time: Oct 01 02:42:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

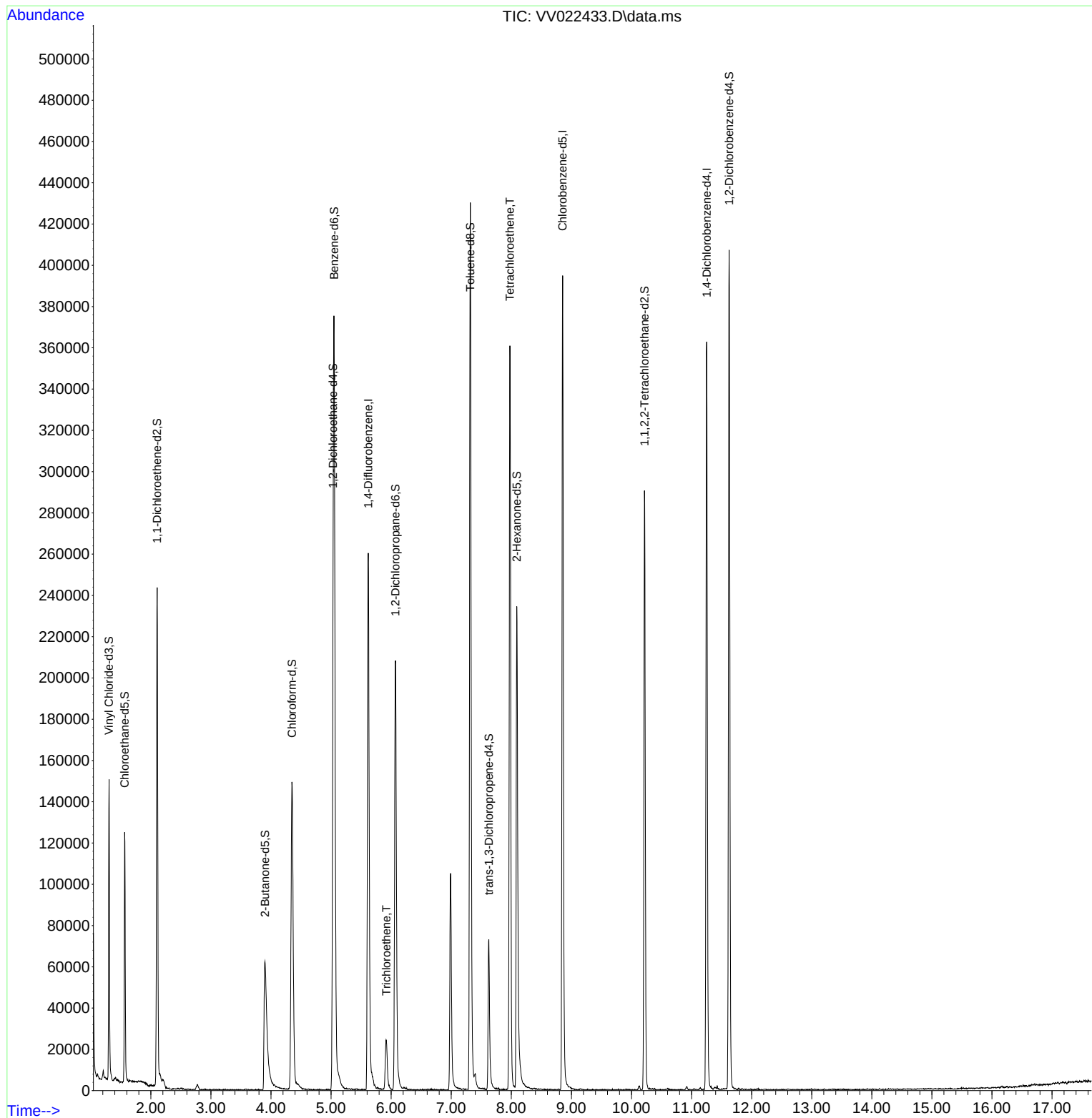
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	240096	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	225625	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	99993	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93476	45.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.76%		
7) Chloroethane-d5	1.564	69	73582	45.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.32%		
11) 1,1-Dichloroethene-d2	2.105	63	124499	35.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.28%		
21) 2-Butanone-d5	3.899	46	128068	89.06	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.06%		
24) Chloroform-d	4.349	84	157493	42.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.62%		
26) 1,2-Dichloroethane-d4	5.034	65	96019	42.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.12%		
32) Benzene-d6	5.050	84	333209	46.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.88%		
36) 1,2-Dichloropropane-d6	6.072	67	106098	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.44%		
41) Toluene-d8	7.317	98	296642	45.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.32%		
43) trans-1,3-Dichloroprop...	7.625	79	43752	42.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.38%		
47) 2-Hexanone-d5	8.092	63	84219	91.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.27%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	139793	42.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.82%		
66) 1,2-Dichlorobenzene-d4	11.625	152	110551	49.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.44%		
Target Compounds						
					Qvalue	
34) Trichloroethene	5.918	95	7199	4.07	ug/L	97
46) Tetrachloroethene	7.976	164	84419	57.90	ug/L	97

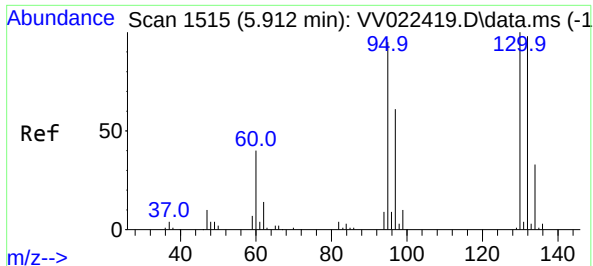
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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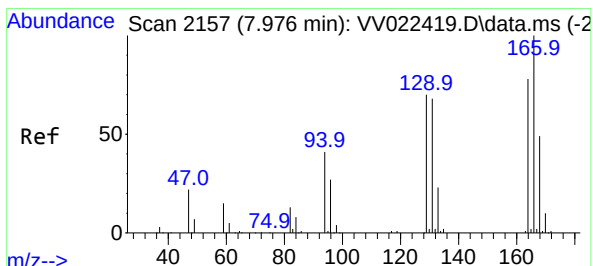
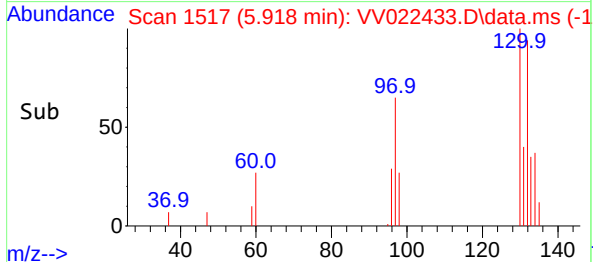
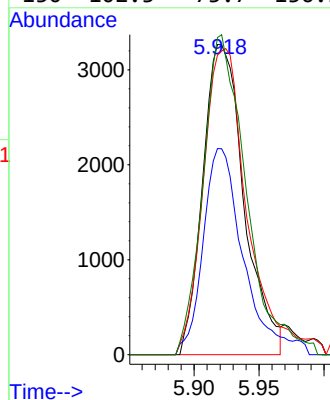
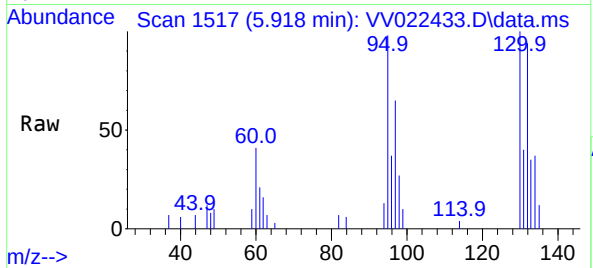


#34
Trichloroethene
Concen: 4.07 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

Instrument :
MSVOA_V
ClientSampled :
F4A46

Tgt Ion: 95 Resp: 7199

Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.2	84.0
132	96.6	71.0	131.8
130	102.3	73.7	136.9



#46
Tetrachloroethene
Concen: 57.90 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

Tgt Ion: 164 Resp: 84419

Ion	Ratio	Lower	Upper
164	100		
129	90.6	66.4	123.4
131	87.1	63.6	118.0
166	129.9	91.6	170.0

