

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022416.D
 Acq On : 30 Sep 2021 06:57
 Operator : SY/MD
 Sample : M3978-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A56

Manual Integrations
 APPROVED

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 9/30/2021 1:55:16 PM

Quant Time: Sep 30 07:59:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243315	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	241913	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	102908	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69060	33.445	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.880%		
7) Chloroethane-d5	1.564	69	62910	38.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.040%		
11) 1,1-Dichloroethene-d2	2.105	63	101113m	28.164	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.320%#		
21) 2-Butanone-d5	3.892	46	140526	96.430	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.430%		
24) Chloroform-d	4.349	84	160739	43.110	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.220%		
26) 1,2-Dichloroethane-d4	5.034	65	101611	44.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.880%		
32) Benzene-d6	5.050	84	322986	42.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.880%		
36) 1,2-Dichloropropane-d6	6.069	67	109423	44.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.880%		
41) Toluene-d8	7.317	98	293552	42.142	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.280%		
43) trans-1,3-Dichloroprop...	7.625	79	41381	37.221	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.440%		
47) 2-Hexanone-d5	8.091	63	92838	93.842	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.840%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154586	43.740	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.480%		
66) 1,2-Dichlorobenzene-d4	11.625	152	116661	50.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.960%		
Target Compounds						Qvalue
34) Trichloroethene	5.921	95	5620m	2.960	ug/L	
46) Tetrachloroethene	7.979	164	61793	39.529	ug/L	98

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

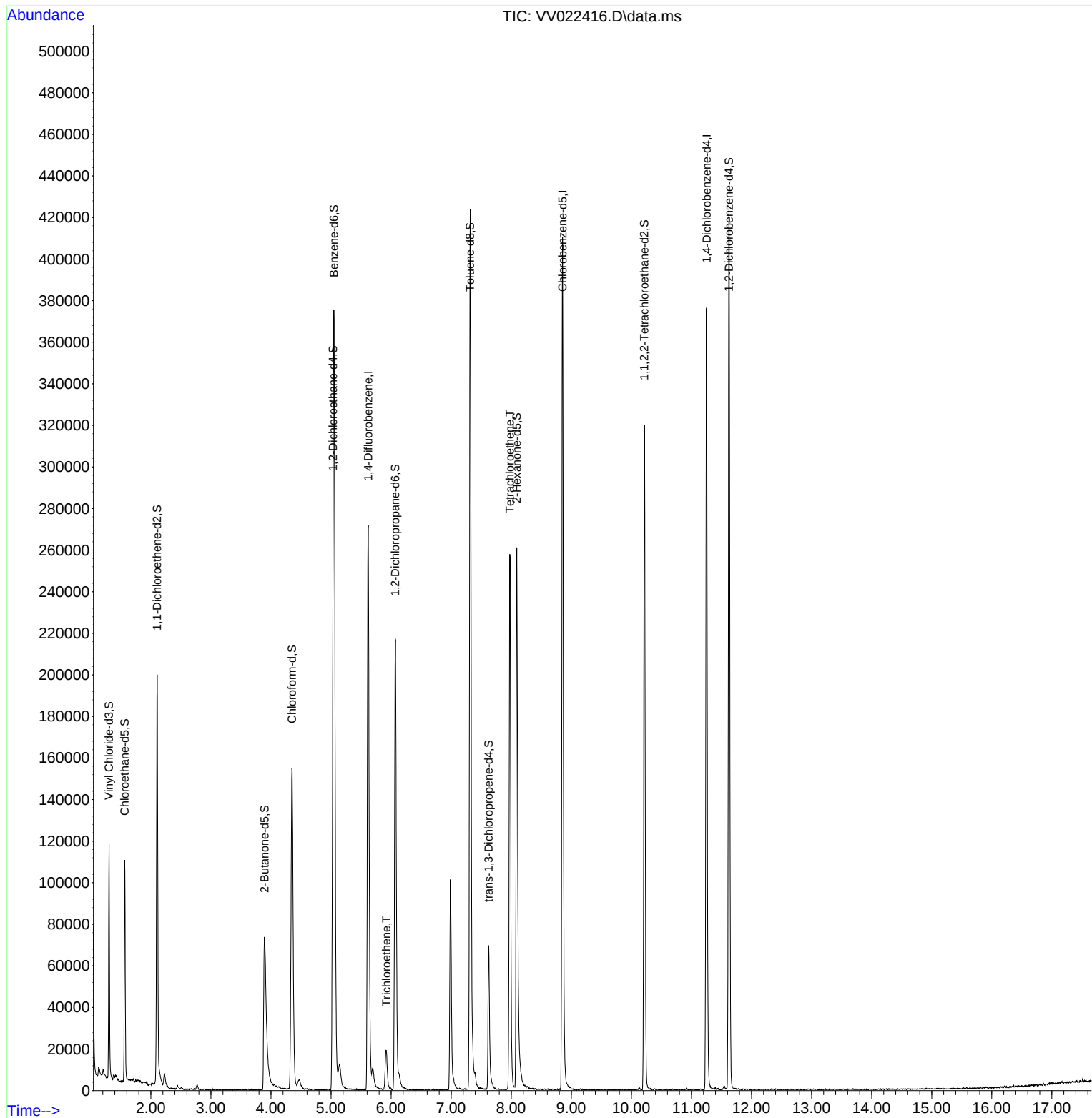
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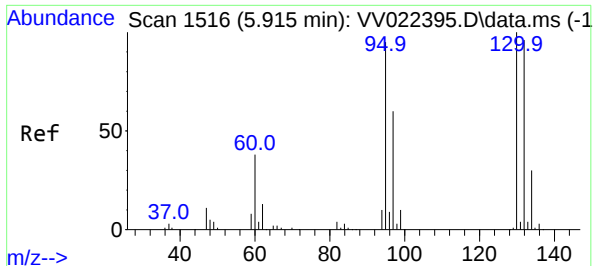
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#34

Trichloroethene

Concen: 2.960 ug/L m

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV022416.D

Acq: 30 Sep 2021 06:57

Tgt Ion: 95 Resp: 5620

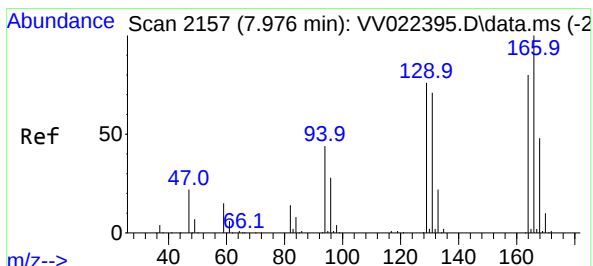
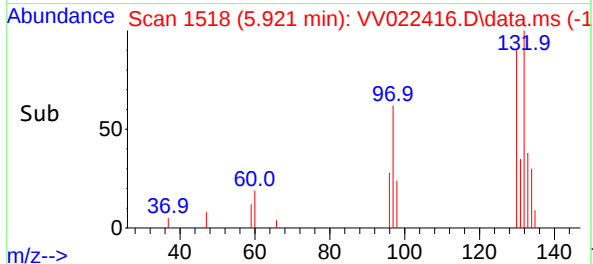
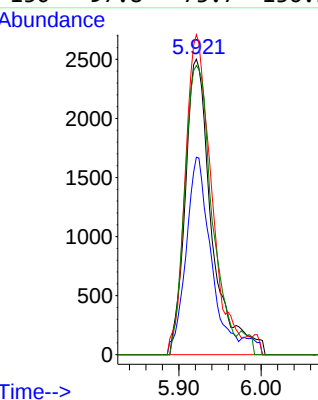
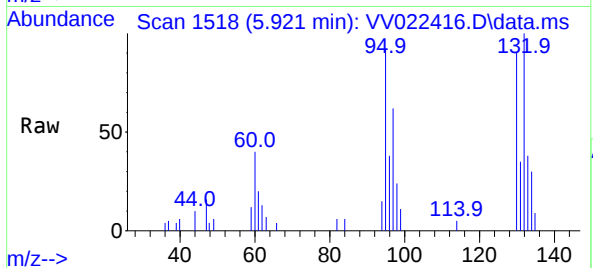
Ion Ratio Lower Upper

95 100

97 66.8 45.2 84.0

132 108.3 71.0 131.8

130 97.8 73.7 136.9



#46

Tetrachloroethene

Concen: 39.529 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022416.D

Acq: 30 Sep 2021 06:57

Tgt Ion: 164 Resp: 61793

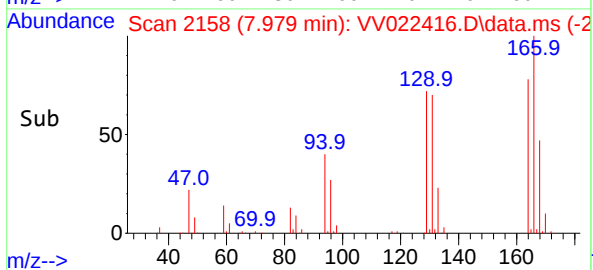
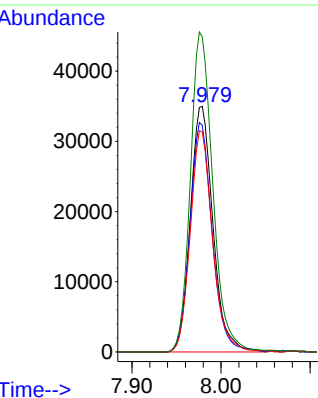
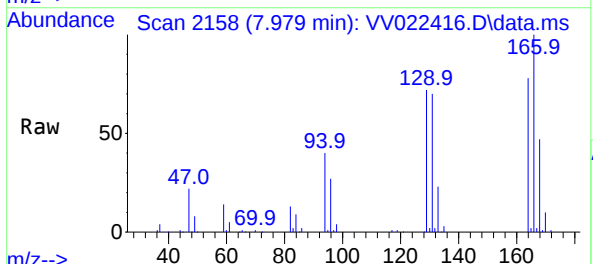
Ion Ratio Lower Upper

164 100

129 92.4 66.4 123.4

131 89.6 63.6 118.0

166 128.3 91.6 170.0



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