

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022381.D
 Acq On : 29 Sep 2021 16:32
 Operator : SY/MD
 Sample : M3978-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A00

Quant Time: Sep 30 05:29:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

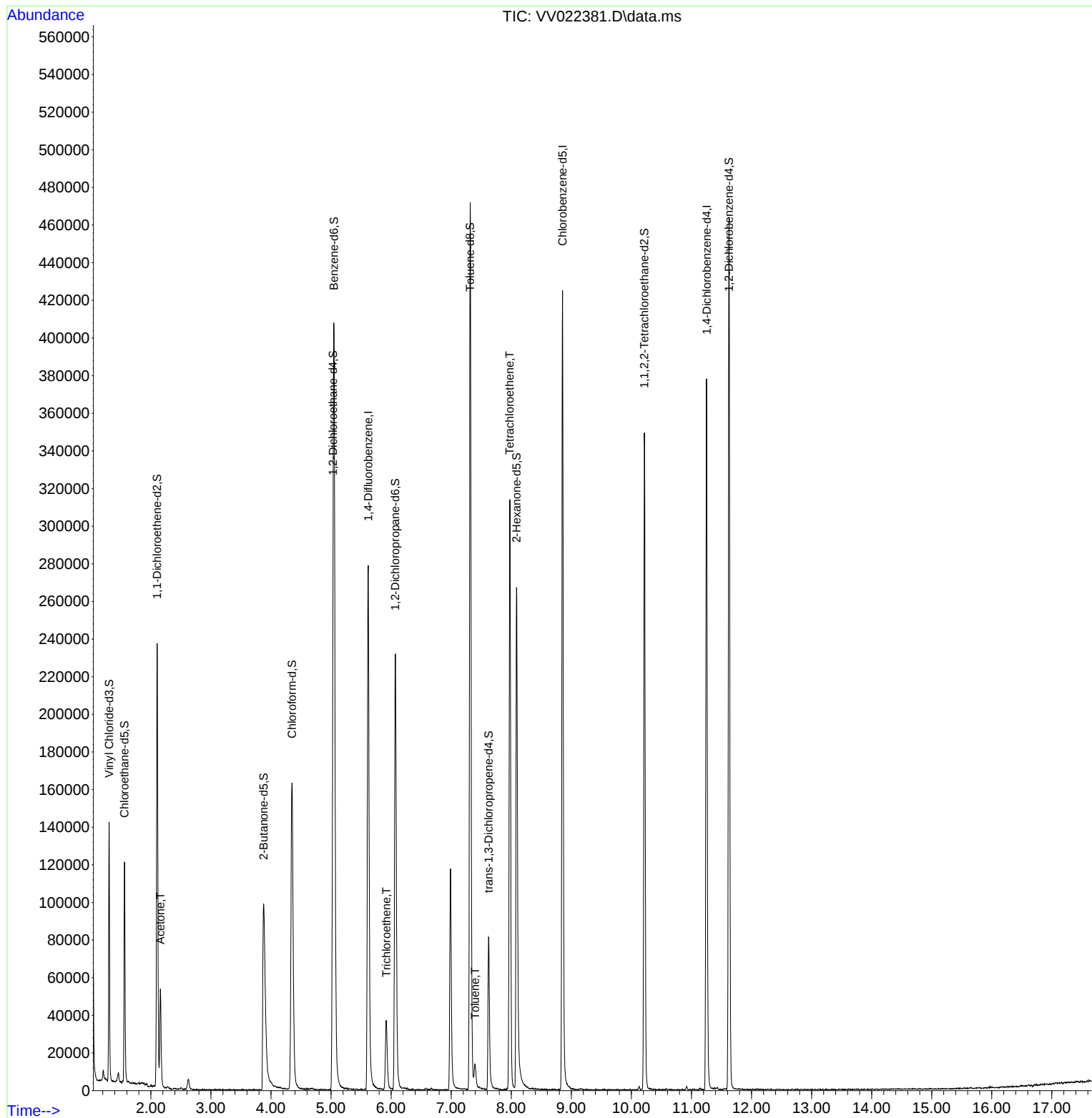
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	252989	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	239444	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	106052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84403	39.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.620%		
7) Chloroethane-d5	1.561	69	74804	44.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.100%		
11) 1,1-Dichloroethene-d2	2.105	63	122098	32.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.420%		
21) 2-Butanone-d5	3.876	46	139488	92.058	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.060%		
24) Chloroform-d	4.349	84	172616	44.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.040%		
26) 1,2-Dichloroethane-d4	5.034	65	109205	45.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.860%		
32) Benzene-d6	5.050	84	356432	47.318	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.640%		
36) 1,2-Dichloropropane-d6	6.069	67	116788	48.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.920%		
41) Toluene-d8	7.317	98	313355	45.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.900%		
43) trans-1,3-Dichloroprop...	7.622	79	47826	43.462	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.920%		
47) 2-Hexanone-d5	8.088	63	89603	91.505	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.510%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	164198	46.938	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.880%		
66) 1,2-Dichlorobenzene-d4	11.625	152	122448	51.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.840%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	48993	41.197	ug/L	97
34) Trichloroethene	5.921	95	11984	6.377	ug/L	92
42) Toluene	7.397	91	9064	1.162	ug/L	98
46) Tetrachloroethene	7.976	164	73686	47.623	ug/L	94

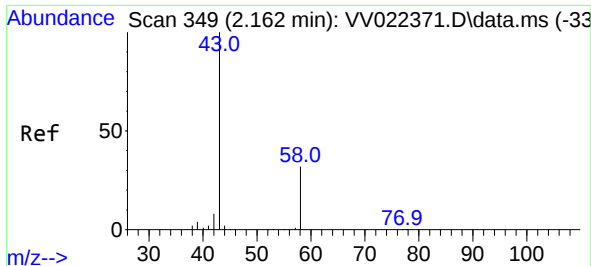
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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F4A00

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#13

Acetone

Concen: 41.197 ug/L

RT: 2.159 min Scan# 348

Delta R.T. -0.003 min

Lab File: VV022381.D

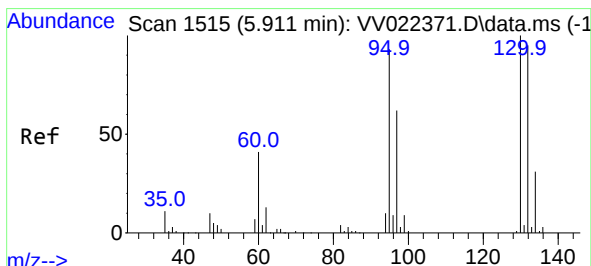
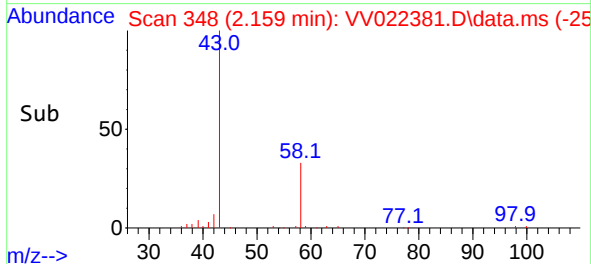
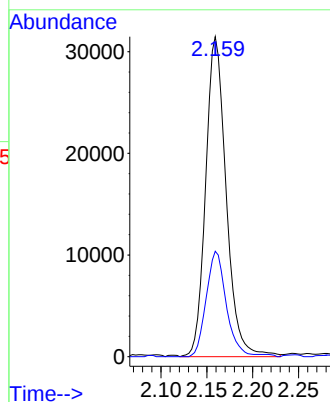
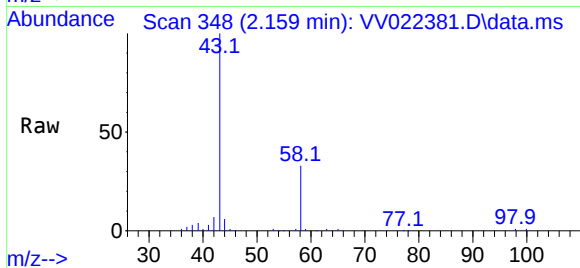
Acq: 29 Sep 2021 16:32

Tgt Ion: 43 Resp: 48993

Ion Ratio Lower Upper

43 100

58 32.1 0.0 67.2



#34

Trichloroethene

Concen: 6.377 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV022381.D

Acq: 29 Sep 2021 16:32

Tgt Ion: 95 Resp: 11984

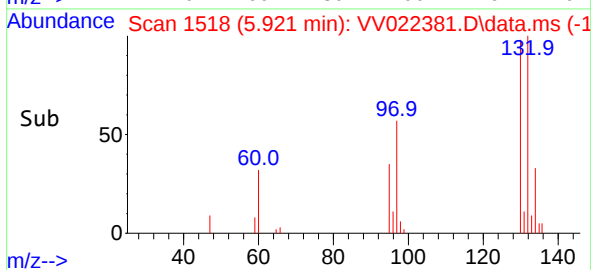
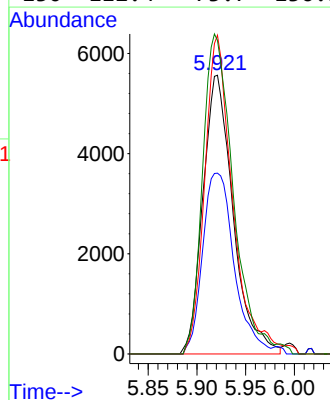
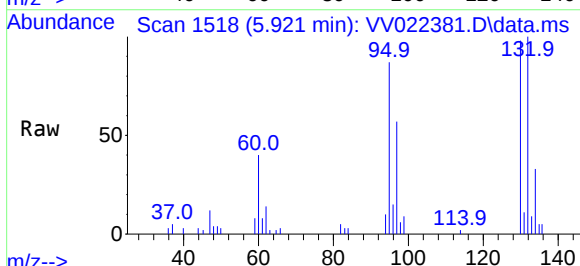
Ion Ratio Lower Upper

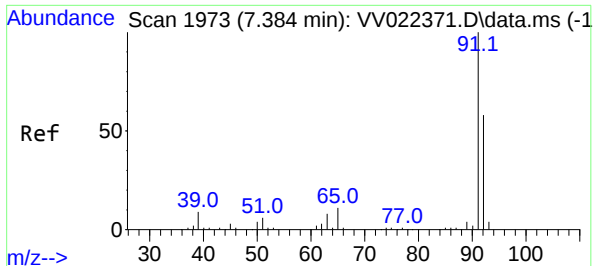
95 100

97 64.9 45.2 84.0

132 114.3 71.0 131.8

130 112.4 73.7 136.9

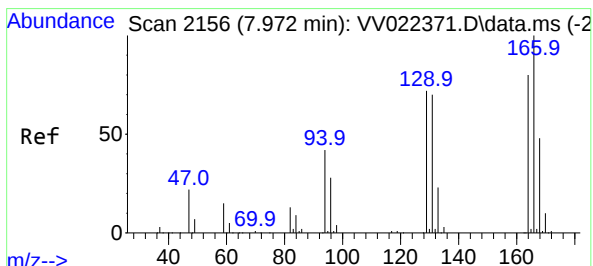
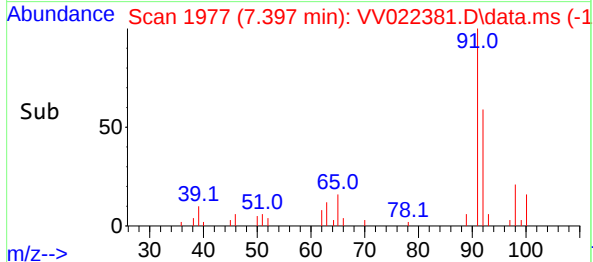
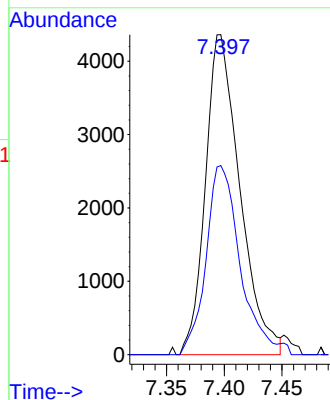
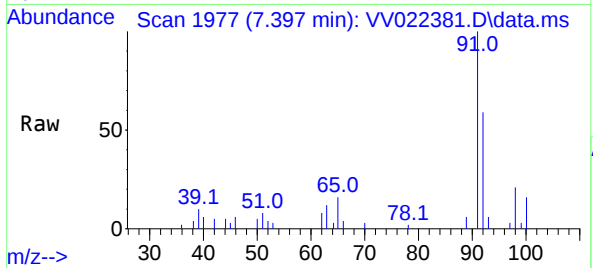




#42
Toluene
Concen: 1.162 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
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Instrument :
MSVOA_V
ClientSampled :
F4A00

Tgt Ion: 91 Resp: 9064
Ion Ratio Lower Upper
91 100
92 59.1 40.2 74.6



#46
Tetrachloroethene
Concen: 47.623 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022381.D
Acq: 29 Sep 2021 16:32

Tgt Ion: 164 Resp: 73686
Ion Ratio Lower Upper
164 100
129 89.6 66.4 123.4
131 85.4 63.6 118.0
166 123.6 91.6 170.0

