

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022413.D
 Acq On : 30 Sep 2021 05:45
 Operator : SY/MD
 Sample : M3978-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A49

Quant Time: Sep 30 07:10:56 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)

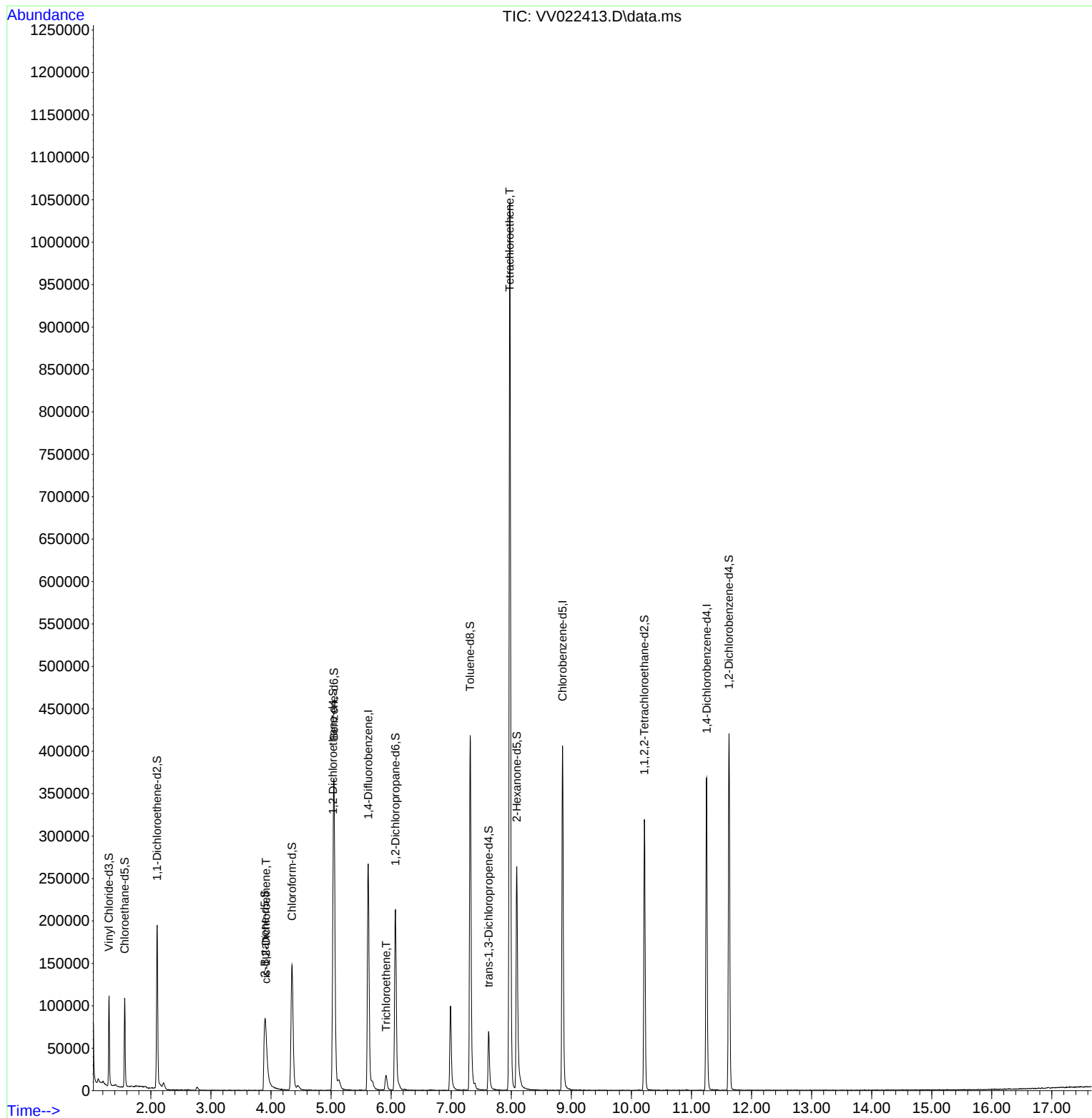
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	240360	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	236765	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101068	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67899	33.287	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.580%
7) Chloroethane-d5	1.564	69	63511	39.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.720%
11) 1,1-Dichloroethene-d2	2.105	63	98313	27.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.440%#
21) 2-Butanone-d5	3.896	46	147746	102.631	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.630%
24) Chloroform-d	4.349	84	155850	42.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
26) 1,2-Dichloroethane-d4	5.034	65	99737	44.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
32) Benzene-d6	5.050	84	317913	42.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	6.072	67	107371	45.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	7.317	98	287476	42.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.340%
43) trans-1,3-Dichloroprop...	7.625	79	41811	38.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.860%
47) 2-Hexanone-d5	8.091	63	95978	99.125	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154485	44.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.320%
66) 1,2-Dichlorobenzene-d4	11.625	152	113809	50.641	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.915	96	8124	4.184	ug/L	89
34) Trichloroethene	5.918	95	4018	2.162	ug/L	89
46) Tetrachloroethene	7.976	164	243362	159.064	ug/L	99

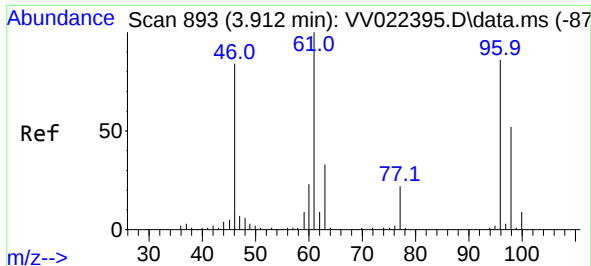
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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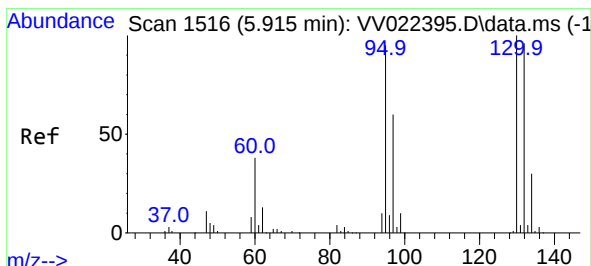
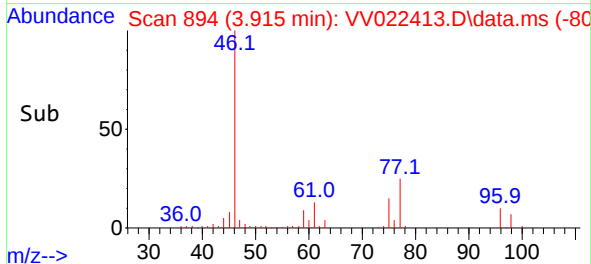
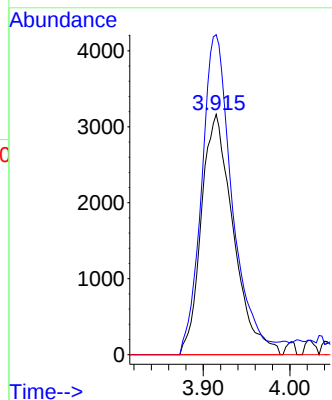
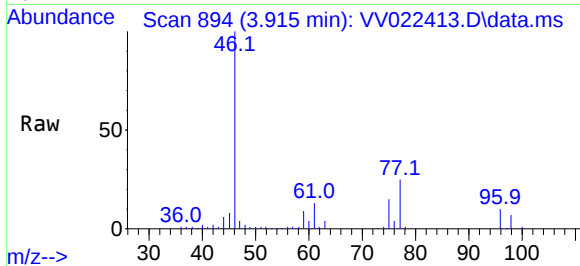




#20
cis-1,2-Dichloroethene
Concen: 4.184 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

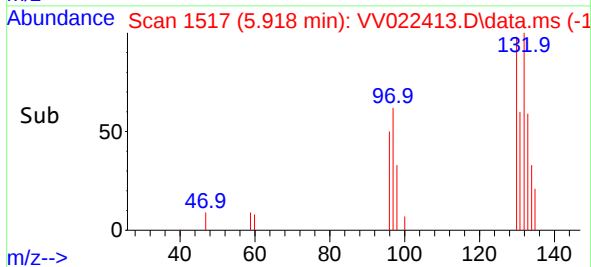
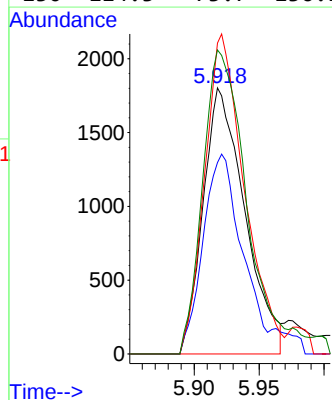
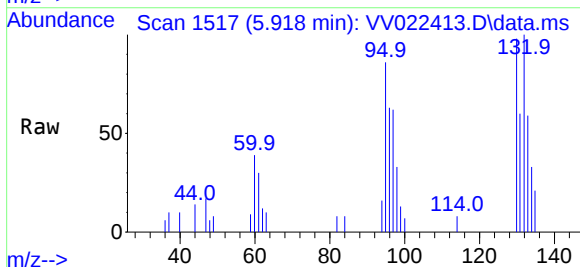
Instrument :
MSVOA_V
ClientSampled :
F4A49

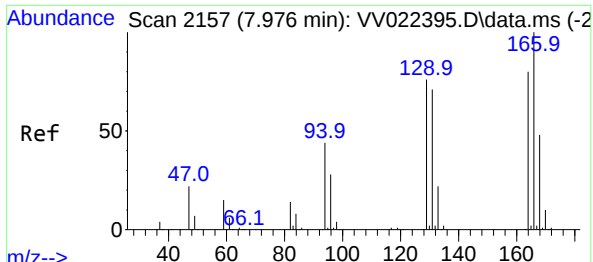
Tgt Ion: 96 Resp: 8124
Ion Ratio Lower Upper
96 100
61 133.2 84.6 157.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 2.162 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

Tgt Ion: 95 Resp: 4018
Ion Ratio Lower Upper
95 100
97 71.9 45.2 84.0
132 116.8 71.0 131.8
130 114.3 73.7 136.9





#46
Tetrachloroethene
Concen: 159.064 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

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Tgt Ion:164 Resp: 243362

Ion	Ratio	Lower	Upper
164	100		
129	93.9	66.4	123.4
131	90.7	63.6	118.0
166	128.2	91.6	170.0

