

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022389.D
 Acq On : 29 Sep 2021 19:44
 Operator : SY/MD
 Sample : M3978-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A34

Quant Time: Sep 30 05:30:59 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)

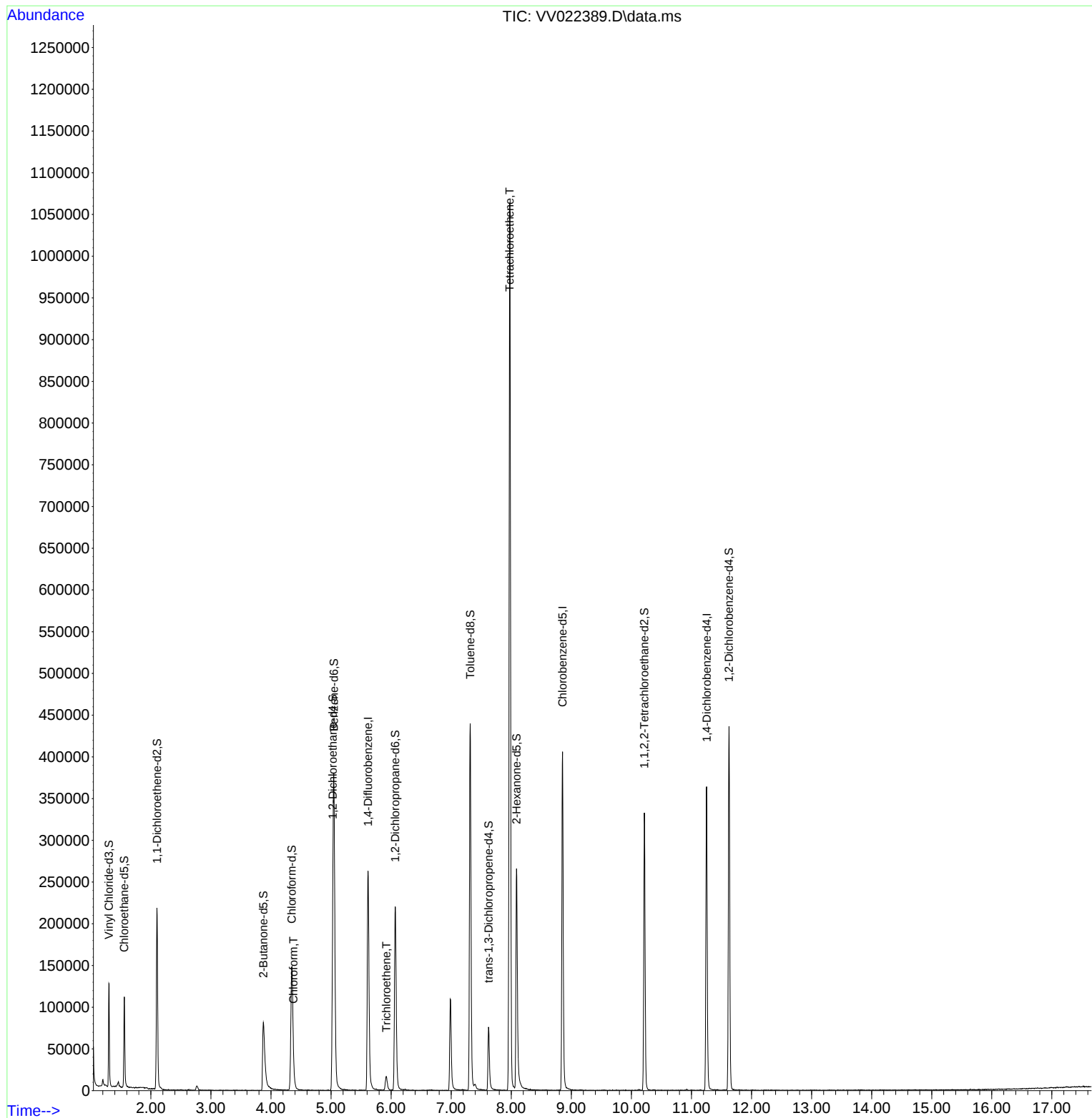
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	233900	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229343	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	76778	38.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.360%
7) Chloroethane-d5	1.558	69	69001	43.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.900%
11) 1,1-Dichloroethene-d2	2.101	63	111384	32.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.540%
21) 2-Butanone-d5	3.873	46	124352	88.766	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.770%
24) Chloroform-d	4.346	84	154531	43.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.220%
26) 1,2-Dichloroethane-d4	5.031	65	103580	47.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
32) Benzene-d6	5.047	84	331533	45.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
36) 1,2-Dichloropropane-d6	6.069	67	108885	47.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.340%
41) Toluene-d8	7.317	98	292138	44.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	7.622	79	44885	42.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
47) 2-Hexanone-d5	8.088	63	89897	95.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.850%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	156514	46.712	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.420%
66) 1,2-Dichlorobenzene-d4	11.625	152	115992	52.005	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.020%
Target Compounds						
					Qvalue	
25) Chloroform	4.375	83	10730	3.252	ug/L	97
34) Trichloroethene	5.921	95	5537	3.076	ug/L	93
46) Tetrachloroethene	7.976	164	243148	164.067	ug/L	96

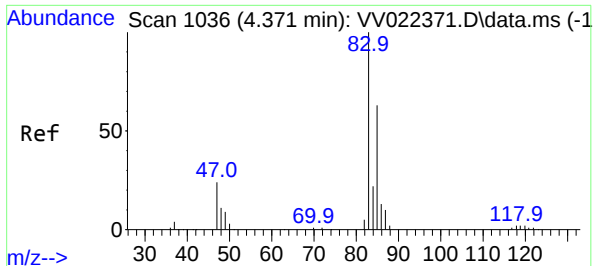
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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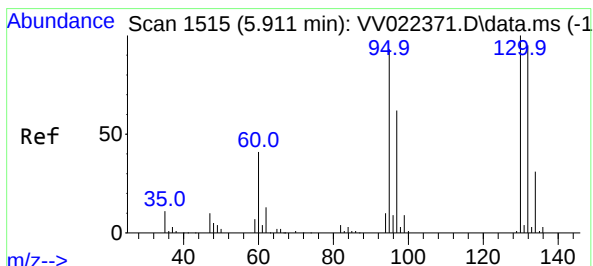
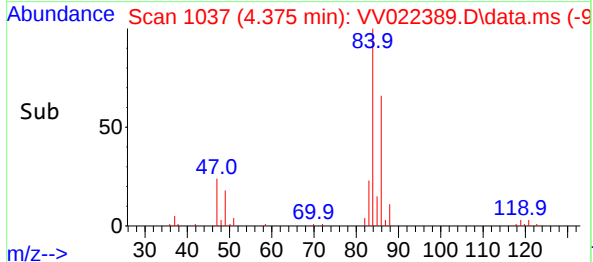
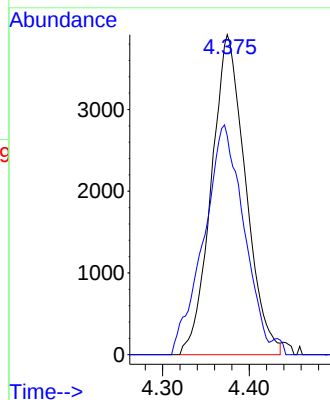
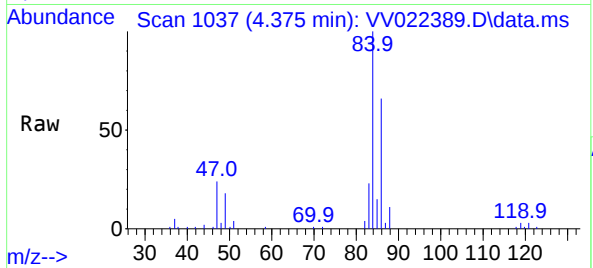




#25
Chloroform
Concen: 3.252 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022389.D
Acq: 29 Sep 2021 19:44

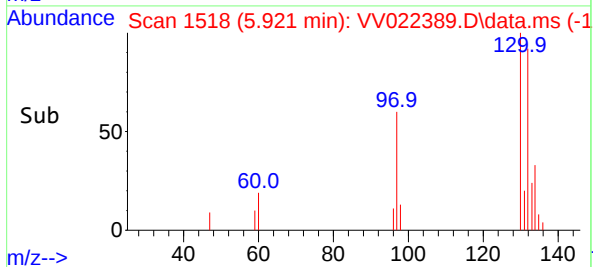
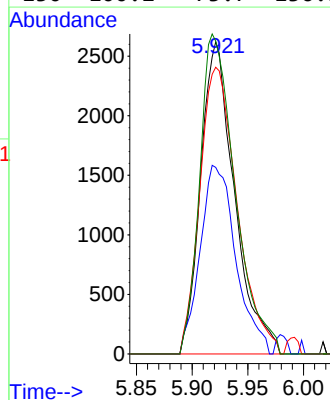
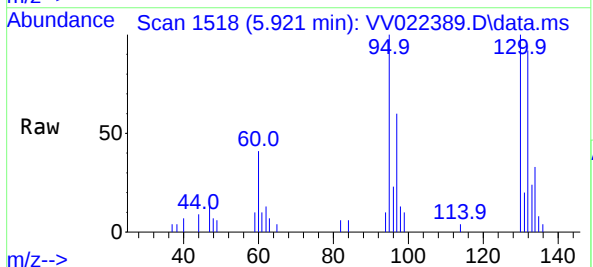
Instrument :
MSVOA_V
ClientSampled :
F4A34

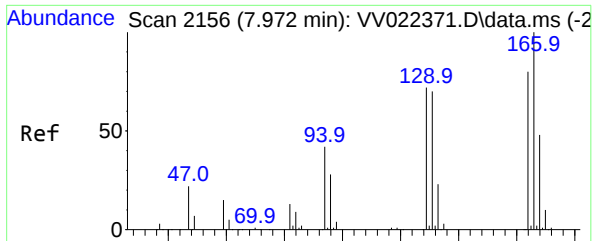
Tgt Ion: 83 Resp: 10730
Ion Ratio Lower Upper
83 100
85 68.4 46.5 86.3



#34
Trichloroethene
Concen: 3.076 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022389.D
Acq: 29 Sep 2021 19:44

Tgt Ion: 95 Resp: 5537
Ion Ratio Lower Upper
95 100
97 59.8 45.2 84.0
132 91.9 71.0 131.8
130 100.2 73.7 136.9





#46
Tetrachloroethene
Concen: 164.067 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022389.D
Acq: 29 Sep 2021 19:44

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 243148

Ion	Ratio	Lower	Upper
164	100		
129	91.2	66.4	123.4
131	87.4	63.6	118.0
166	126.7	91.6	170.0

