

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022414.D
 Acq On : 30 Sep 2021 06:09
 Operator : SY/MD
 Sample : M3978-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A50

Quant Time: Sep 30 07:11:07 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)

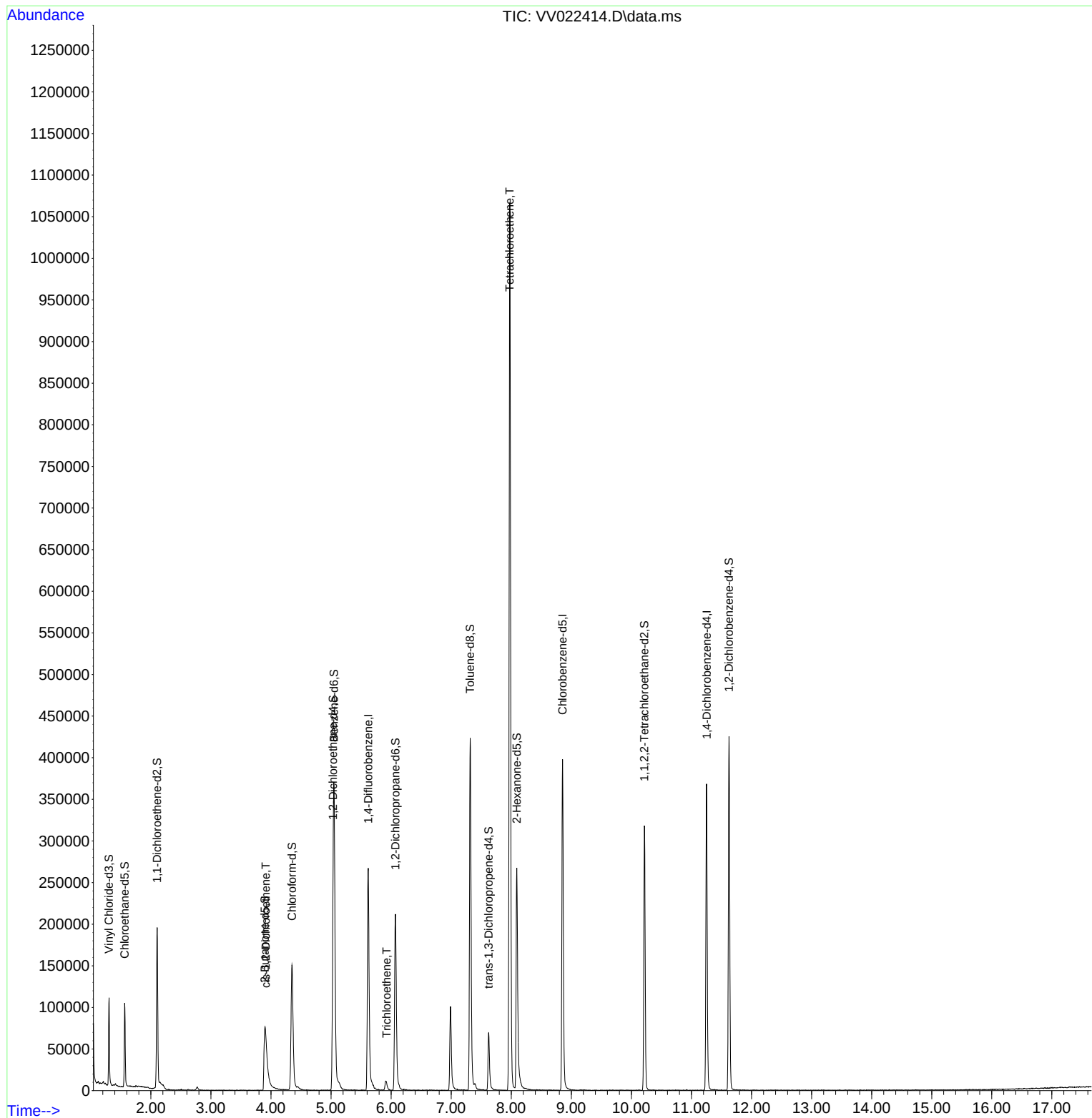
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	246012	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	235446	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67416	32.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.580%
7) Chloroethane-d5	1.565	69	63420	38.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.820%
11) 1,1-Dichloroethene-d2	2.105	63	99279	27.350	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.700%#
21) 2-Butanone-d5	3.899	46	147263	99.946	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.950%
24) Chloroform-d	4.349	84	158368	42.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.020%
26) 1,2-Dichloroethane-d4	5.034	65	101971	44.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
32) Benzene-d6	5.050	84	326026	44.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	6.072	67	109608	46.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.520%
41) Toluene-d8	7.317	98	289846	42.753	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.500%
43) trans-1,3-Dichloroprop...	7.625	79	41462	38.318	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.640%
47) 2-Hexanone-d5	8.092	63	96371	100.088	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.090%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	151384	44.010	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.020%
66) 1,2-Dichlorobenzene-d4	11.625	152	113966	51.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.912	96	1346	0.677	ug/L	87
34) Trichloroethene	5.925	95	1986	1.075	ug/L	90
46) Tetrachloroethene	7.976	164	248250	163.168	ug/L	97

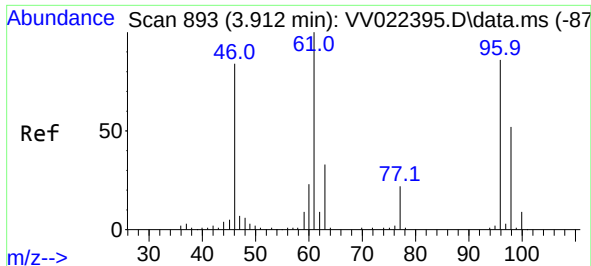
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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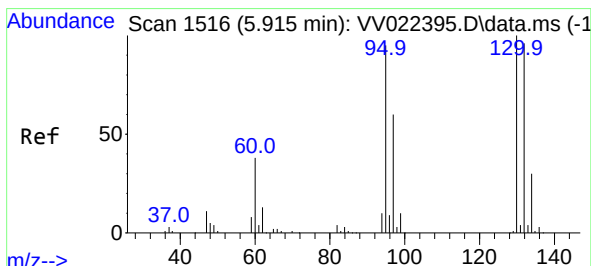
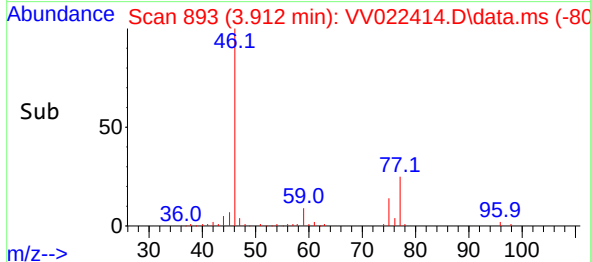
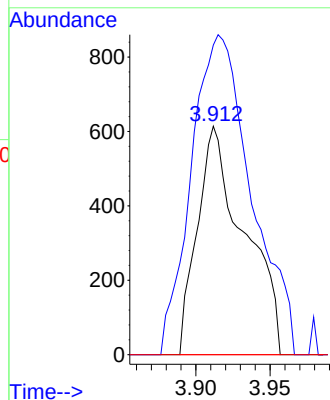
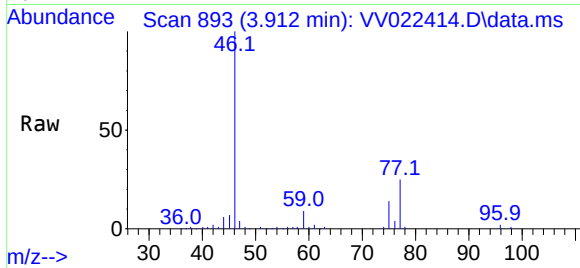


#20
cis-1,2-Dichloroethene
Concen: 0.677 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

Instrument :
MSVOA_V
ClientSampled :
F4A50

Tgt Ion: 96 Resp: 1346

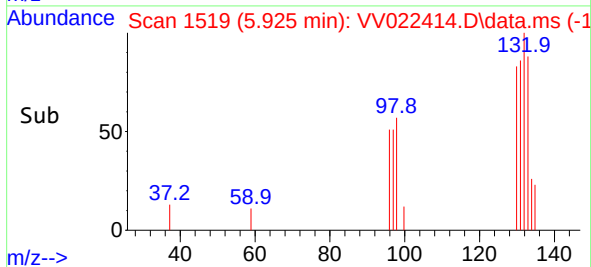
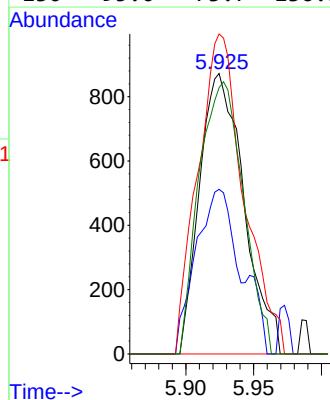
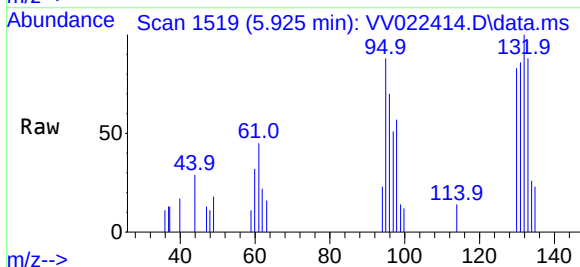
Ion	Ratio	Lower	Upper
96	100		
61	135.5	84.6	157.0
68	0.0	0.0	0.0

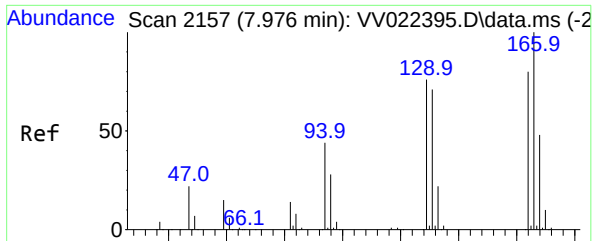


#34
Trichloroethene
Concen: 1.075 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV022414.D
Acq: 30 Sep 2021 06:09

Tgt Ion: 95 Resp: 1986

Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.2	84.0
132	114.1	71.0	131.8
130	95.0	73.7	136.9





#46
Tetrachloroethene
Concen: 163.168 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022414.D
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Tgt Ion:164 Resp: 248250
Ion Ratio Lower Upper
164 100
129 91.3 66.4 123.4
131 88.6 63.6 118.0
166 128.0 91.6 170.0

