

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022496.D
 Acq On : 02 Oct 2021 04:50
 Operator : SY/MD
 Sample : M4023-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ3

Quant Time: Oct 02 05:40:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

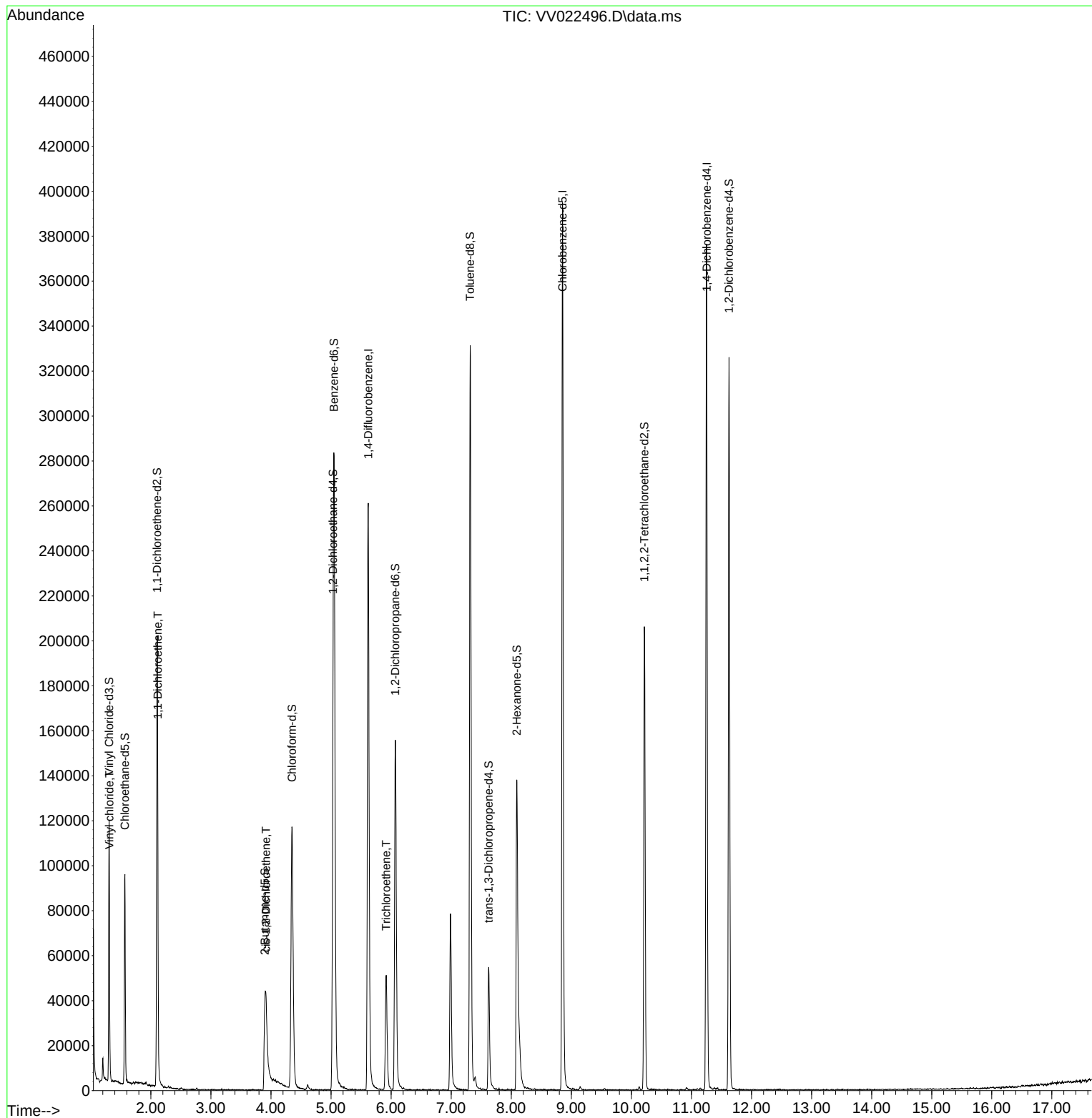
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	233277	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	223664	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	103150	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69974	48.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.000%
7) Chloroethane-d5	1.568	69	56388	49.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.440%
11) 1,1-Dichloroethene-d2	2.105	63	103679	36.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.900%
21) 2-Butanone-d5	3.899	46	65640	82.655	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.650%
24) Chloroform-d	4.349	84	122787	46.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	5.034	65	73839	48.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
32) Benzene-d6	5.050	84	248698	47.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	78019	48.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.820%
41) Toluene-d8	7.317	98	222516	46.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.640%
43) trans-1,3-Dichloroprop...	7.625	79	32237	42.715	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.420%
47) 2-Hexanone-d5	8.091	63	58495	88.523	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	100846	45.465	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	11.625	152	87958	52.290	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.580%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4785	2.176	ug/L #	73
12) 1,1-Dichloroethene	2.114	96	2476	1.519	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	12520	6.570	ug/L	95
34) Trichloroethene	5.918	95	16150	8.957	ug/L	91

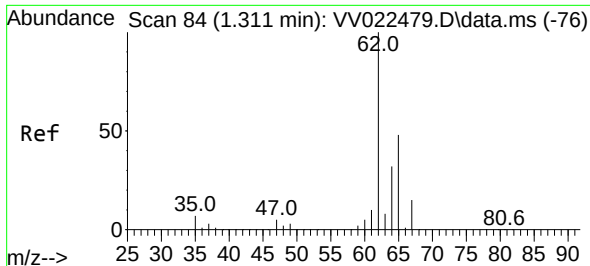
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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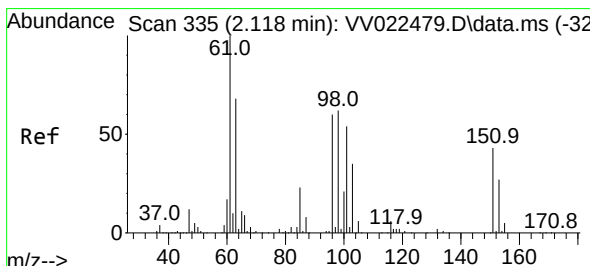
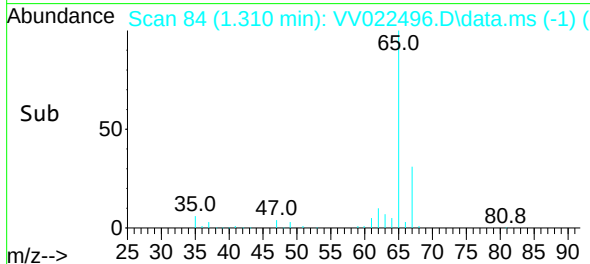
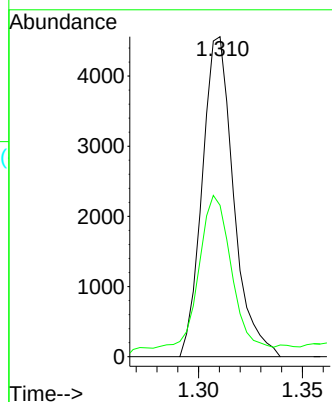
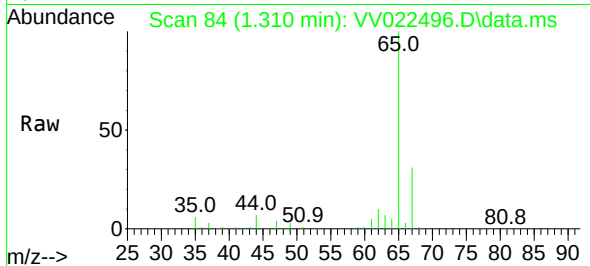




#5
 Vinyl chloride
 Concen: 2.176 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022496.D
 Acq: 02 Oct 2021 04:50

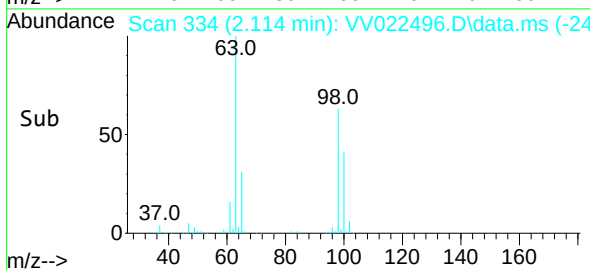
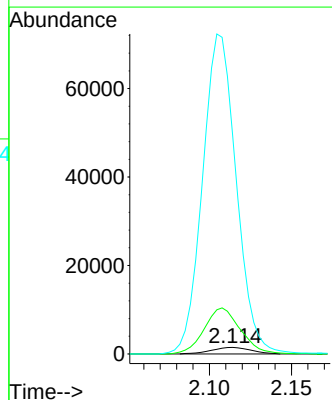
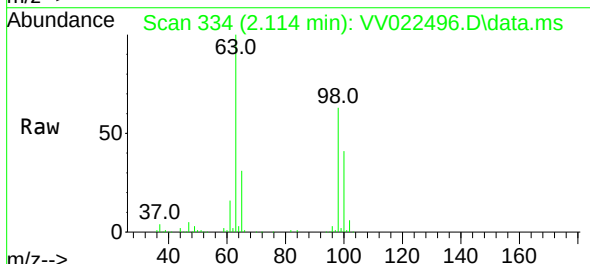
Instrument :
 MSVOA_V
 ClientSampled :
 C0AJ3

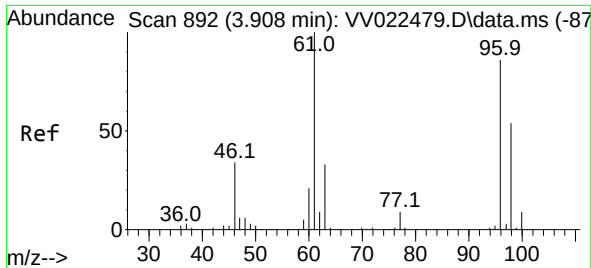
Tgt Ion: 62 Resp: 4785
 Ion Ratio Lower Upper
 62 100
 64 47.3 22.5 41.9#



#12
 1,1-Dichloroethene
 Concen: 1.519 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV022496.D
 Acq: 02 Oct 2021 04:50

Tgt Ion: 96 Resp: 2476
 Ion Ratio Lower Upper
 96 100
 61 544.1 118.0 219.2#
 63 3351.1 86.4 160.4#

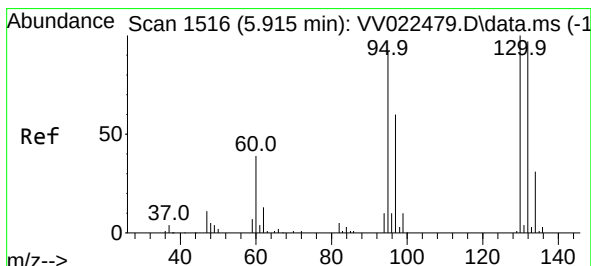
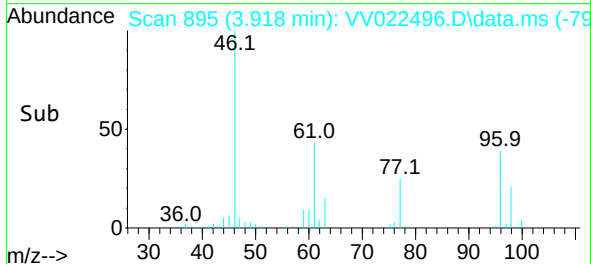
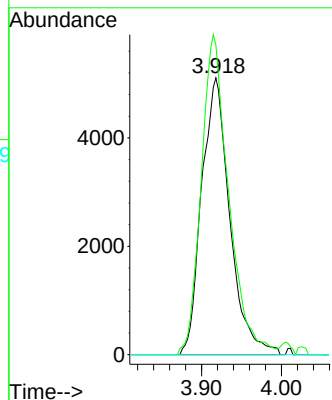
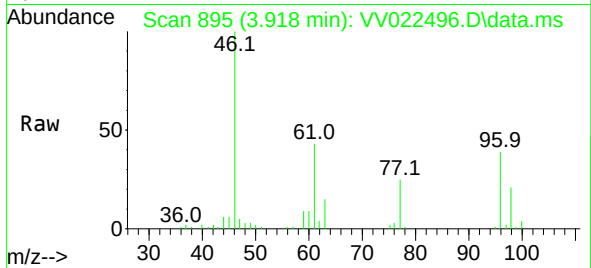




#20
cis-1,2-Dichloroethene
Concen: 6.570 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.009 min
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MSVOA_V
ClientSampleId :
C0AJ3

Tgt Ion: 96 Resp: 12520
Ion Ratio Lower Upper
96 100
61 112.0 81.9 152.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 8.957 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022496.D
Acq: 02 Oct 2021 04:50

Tgt Ion: 95 Resp: 16150
Ion Ratio Lower Upper
95 100
97 74.2 45.4 84.4
132 107.8 71.5 132.9
130 118.5 75.2 139.6

