

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022202.D
 Acq On : 17 Sep 2021 22:18
 Operator : SY/MD
 Sample : M3676-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 04:44:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

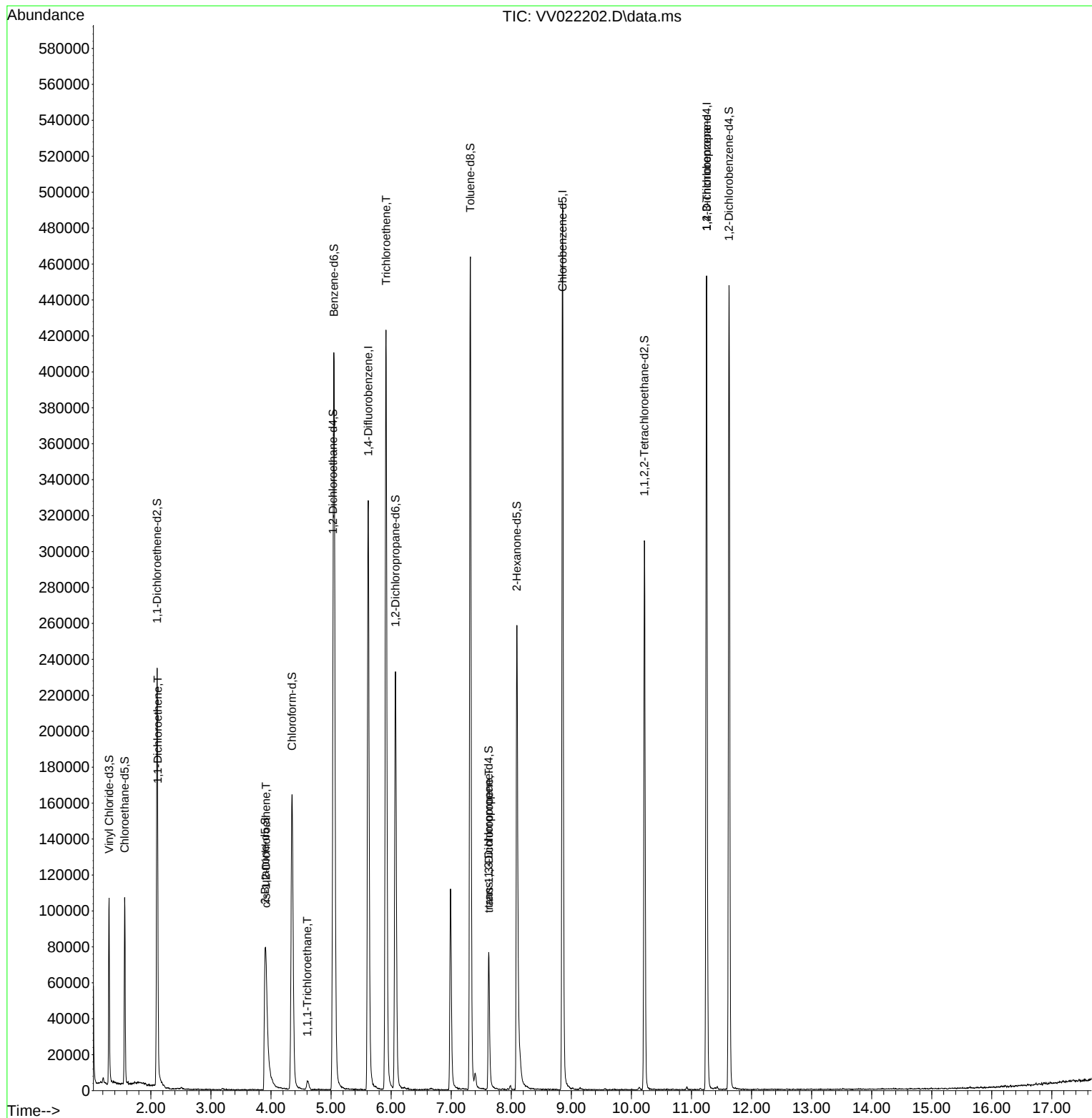
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	294628	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	277801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	122870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67037	32.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.720%		
7) Chloroethane-d5	1.565	69	65031	40.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.620%		
11) 1,1-Dichloroethene-d2	2.105	63	114678	33.985	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.980%		
21) 2-Butanone-d5	3.902	46	146250	104.517	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.520%		
24) Chloroform-d	4.349	84	174117	46.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.600%		
26) 1,2-Dichloroethane-d4	5.034	65	111077	50.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.380%		
32) Benzene-d6	5.050	84	353856	46.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.920%		
36) 1,2-Dichloropropane-d6	6.072	67	116490	49.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.320%		
41) Toluene-d8	7.320	98	312536	43.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.880%		
43) trans-1,3-Dichloroprop...	7.625	79	44592	39.537	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.080%		
47) 2-Hexanone-d5	8.092	63	89634	98.583	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.580%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	145391	47.907	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.820%		
66) 1,2-Dichlorobenzene-d4	11.625	152	120145	49.740	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.480%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.114	96	10197	6.000	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	9621	4.207	ug/L	94
30) 1,1,1-Trichloroethane	4.606	97	4326	1.310	ug/L #	88
34) Trichloroethene	5.915	95	144008	62.902	ug/L	98
44) trans-1,3-Dichloropropene	7.629	75	1960	0.651	ug/L	90
61) 1,2,3-Trichloropropane	11.252	75	13506	6.342	ug/L #	64

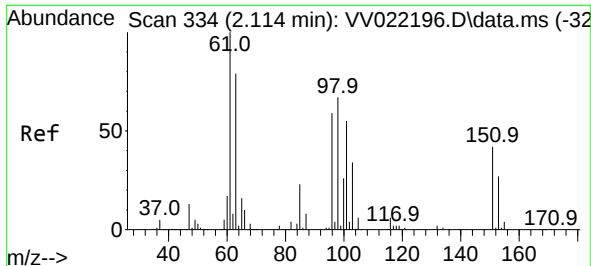
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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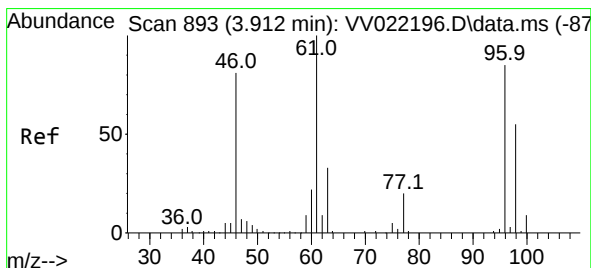
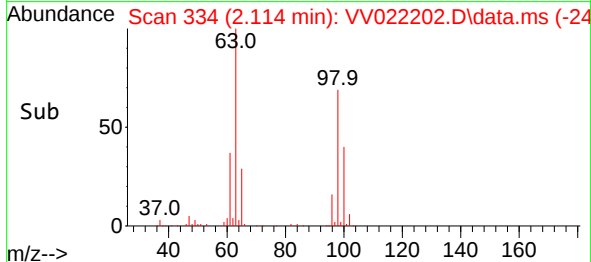
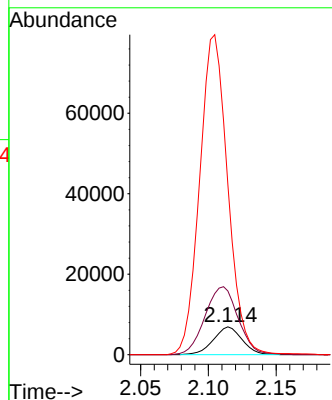
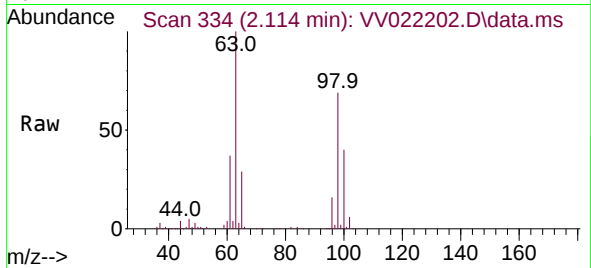




#12
1,1-Dichloroethene
Concen: 6.000 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022202.D
Acq: 17 Sep 2021 22:18

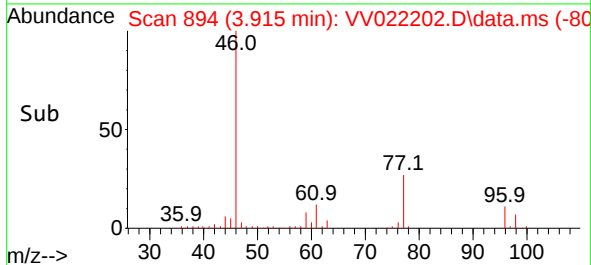
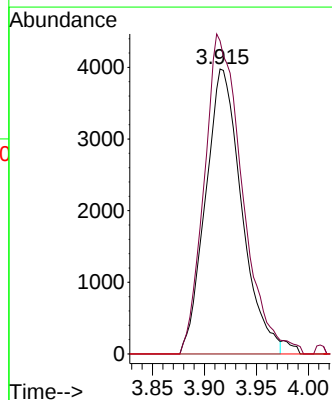
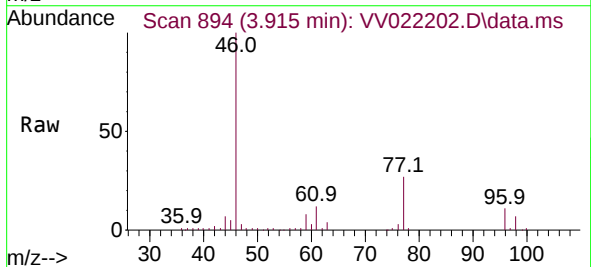
Instrument :
MSVOA_V
ClientSampled :

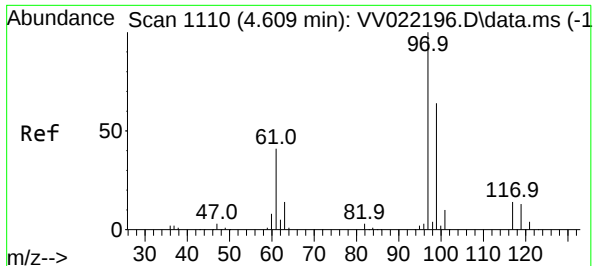
Tgt Ion: 96 Resp: 10197
Ion Ratio Lower Upper
96 100
61 228.7 113.2 210.2#
63 611.0 102.3 189.9#



#20
cis-1,2-Dichloroethene
Concen: 4.207 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022202.D
Acq: 17 Sep 2021 22:18

Tgt Ion: 96 Resp: 9621
Ion Ratio Lower Upper
96 100
61 109.8 81.8 152.0
68 0.0 0.0 0.0

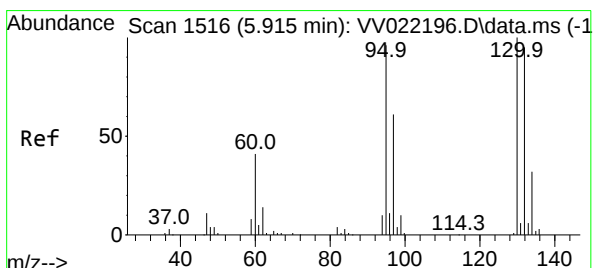
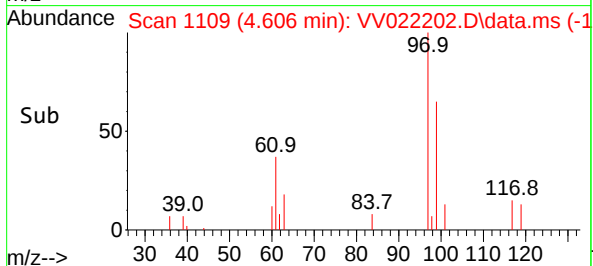
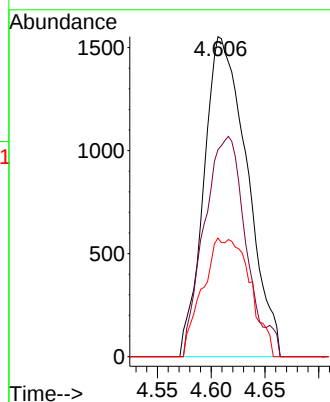
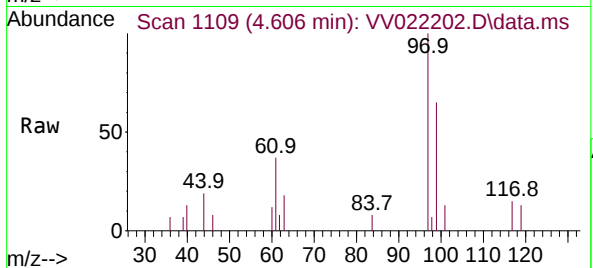




#30
1,1,1-Trichloroethane
Concen: 1.310 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV022202.D
Acq: 17 Sep 2021 22:18

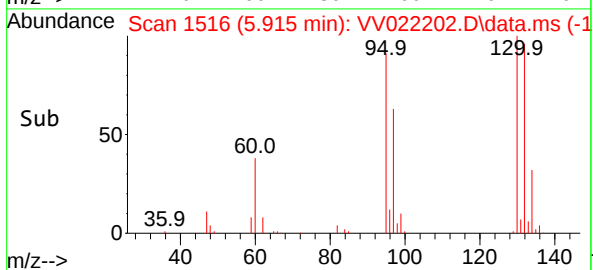
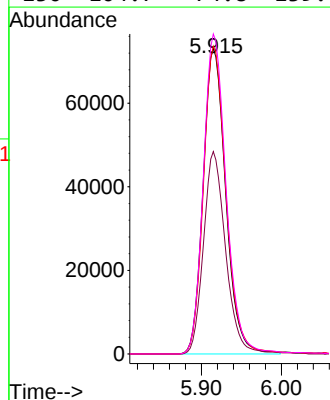
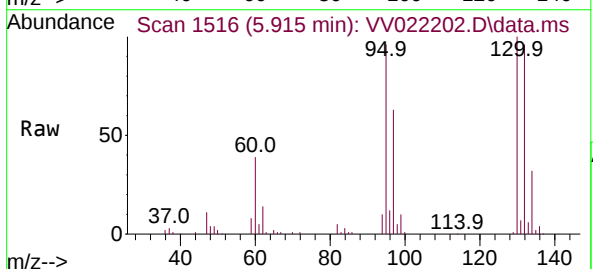
Instrument :
MSVOA_V
ClientSampled :

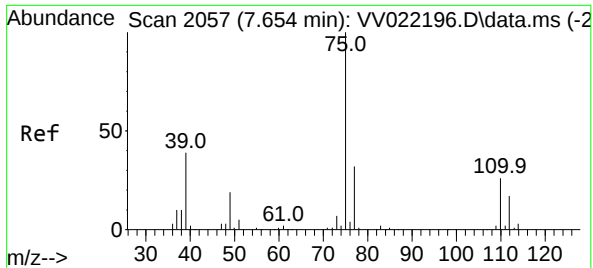
Tgt Ion: 97 Resp: 4326
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 19.9 31.8 47.8#



#34
Trichloroethene
Concen: 62.902 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022202.D
Acq: 17 Sep 2021 22:18

Tgt Ion: 95 Resp: 144008
Ion Ratio Lower Upper
95 100
97 66.2 44.1 81.9
132 100.7 70.7 131.3
130 104.7 74.8 139.0

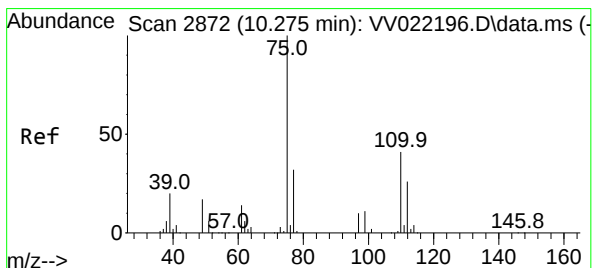
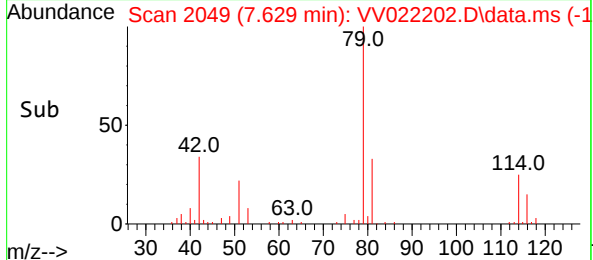
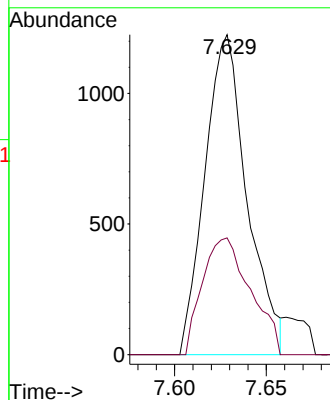
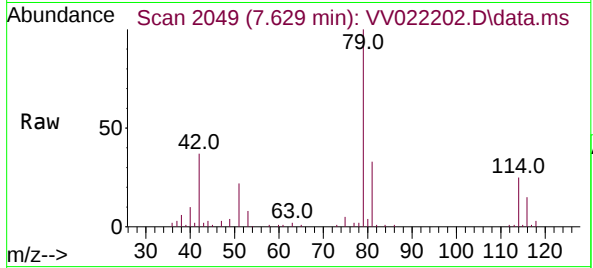




#44
trans-1,3-Dichloropropene
Concen: 0.651 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV022202.D
Acq: 17 Sep 2021 22:18

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 1960
Ion Ratio Lower Upper
75 100
77 36.5 21.8 40.6



#61
1,2,3-Trichloropropane
Concen: 6.342 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.978 min
Lab File: VV022202.D
Acq: 17 Sep 2021 22:18

Tgt Ion: 75 Resp: 13506
Ion Ratio Lower Upper
75 100
77 34.2 26.2 39.2
110 3.0 33.8 50.6#

