

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042721\
 Data File : VV021169.D
 Acq On : 27 Apr 2021 12:42
 Operator : SY/MD
 Sample : M2181-01 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 03:29:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 28 03:28:03 2021
 Response via : Initial Calibration

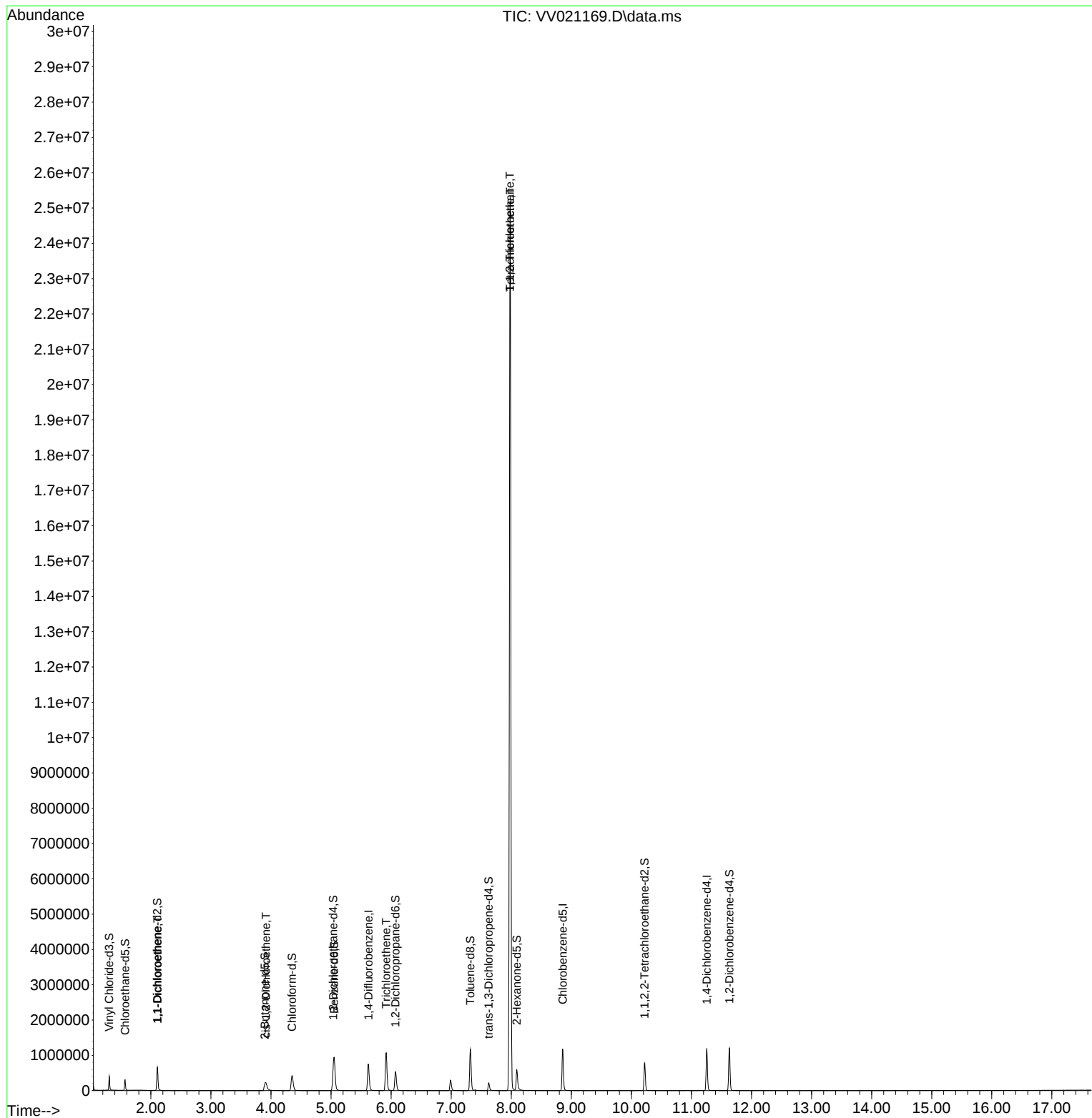
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	666171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	660212	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	320168	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	237831	43.45	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.90%	
7) Chloroethane-d5	1.571	69	182882	45.42	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	90.84%	
11) 1,1-Dichloroethene-d2	2.108	63	339226	33.60	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.20%	
21) 2-Butanone-d5	3.899	46	258611	96.75	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.75%	
24) Chloroform-d	4.352	84	437418	44.82	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.64%	
26) 1,2-Dichloroethane-d4	5.037	65	300657	48.47	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.94%	
32) Benzene-d6	5.053	84	807561	45.93	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.86%	
36) 1,2-Dichloropropane-d6	6.072	67	244784	46.64	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.28%	
41) Toluene-d8	7.320	98	766729	45.06	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.12%	
43) trans-1,3-Dichloroprop...	7.625	79	132113	46.06	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.12%	
47) 2-Hexanone-d5	8.091	63	206809	99.35	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.35%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	344545	43.52	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	87.04%	
66) 1,2-Dichlorobenzene-d4	11.632	152	318280	50.32	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.64%	
Target Compounds						
12) 1,1-Dichloroethene	2.111	96	5040	1.06	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	72011	14.77	ug/L	99
34) Trichloroethene	5.918	95	361134	70.90	ug/L	98
45) 1,1,2-Trichloroethane	7.979	97	46318	9.43	ug/L #	15
46) Tetrachloroethene	7.982	164	5478396	1202.50	ug/L	97

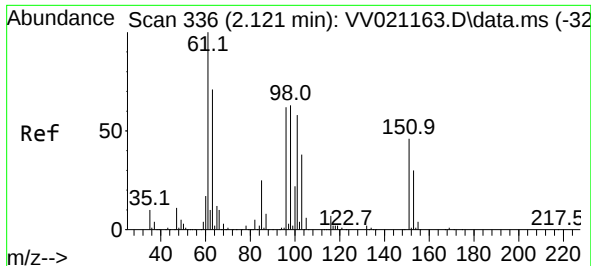
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.06 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.010 min

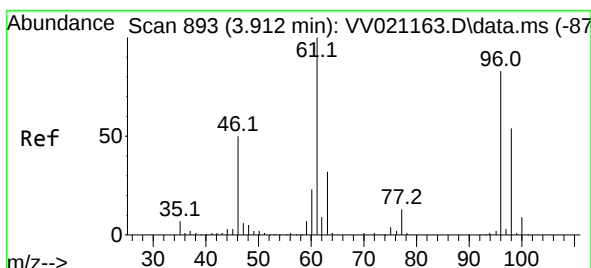
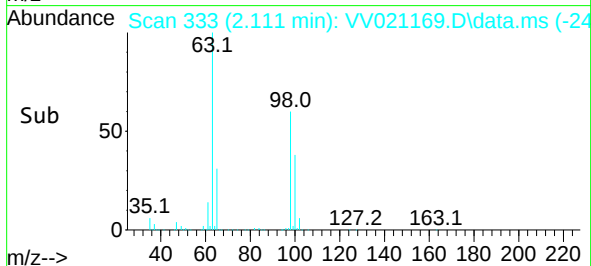
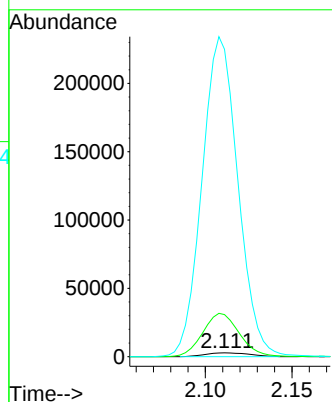
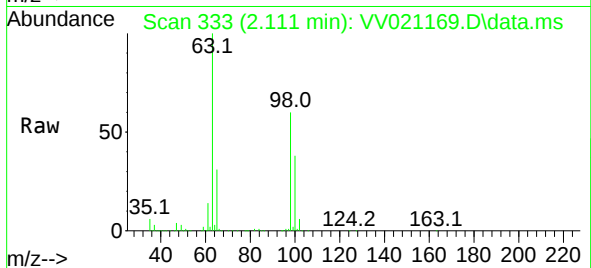
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Acq: 27 Apr 2021 12:42

Tgt Ion: 96 Resp: 5040

Ion	Ratio	Lower	Upper
96	100		
61	1100.9	121.4	225.6#
63	8049.2	98.1	182.1#

Instrument :
MSVOA_V
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 14.77 ug/L

RT: 3.915 min Scan# 894

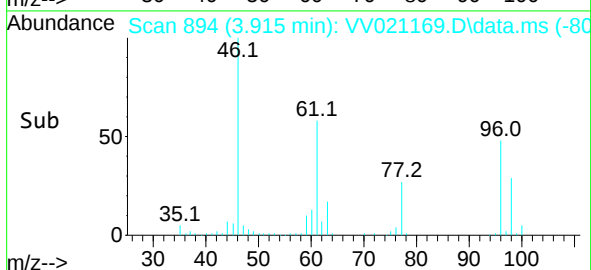
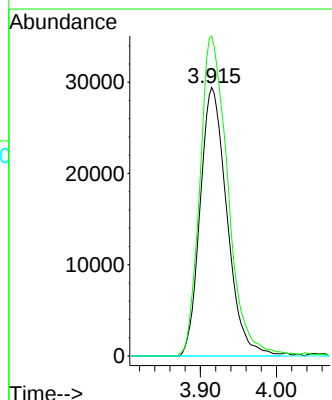
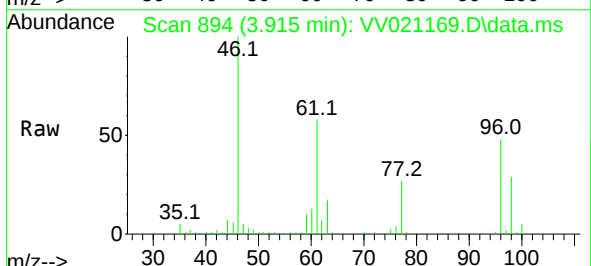
Delta R.T. 0.003 min

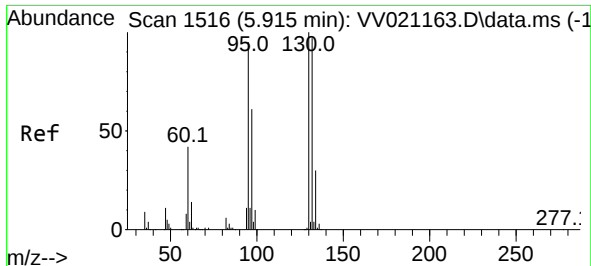
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Tgt Ion: 96 Resp: 72011

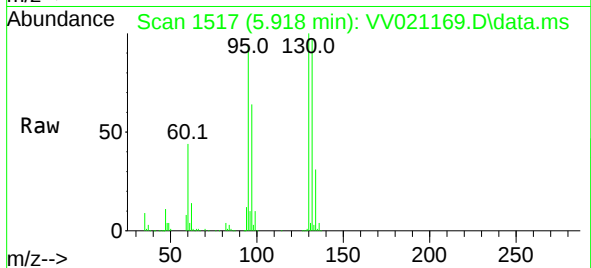
Ion	Ratio	Lower	Upper
96	100		
61	119.2	84.4	156.7
68	0.0	0.0	0.0



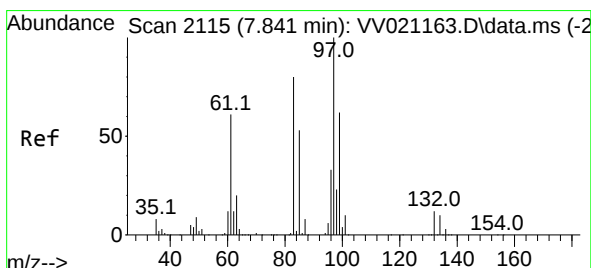
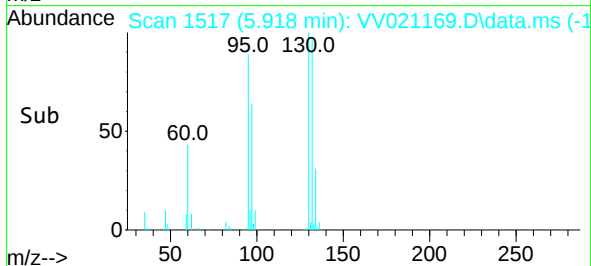
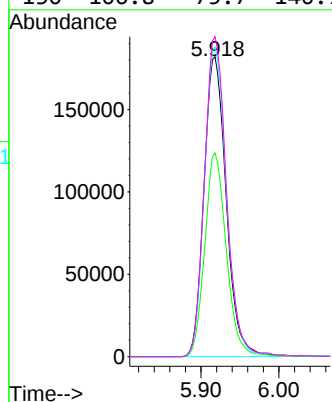


#34
Trichloroethene
Concen: 70.90 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021169.D
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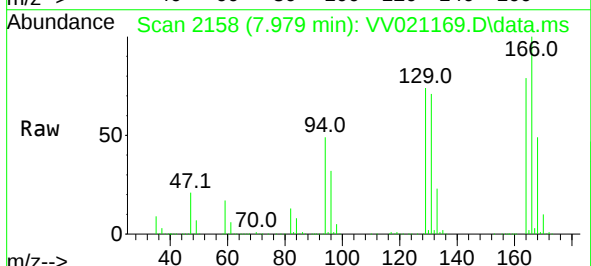
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MSVOA_V
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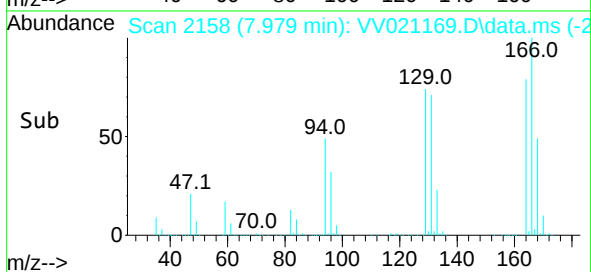
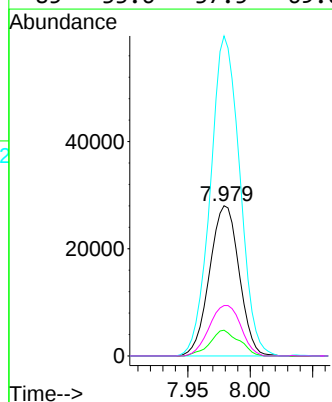
Tgt Ion	Ratio	Lower	Upper
95	100		
97	67.9	45.5	84.5
132	103.3	71.0	131.8
130	106.8	75.7	140.7

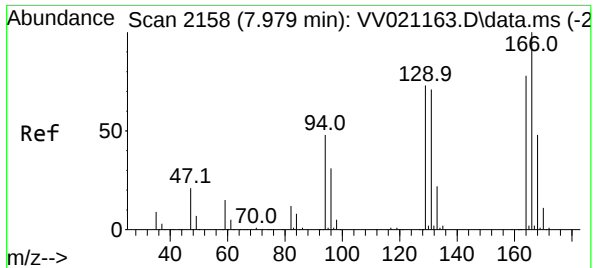


#45
1,1,2-Trichloroethane
Concen: 9.43 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.138 min
Lab File: VV021169.D
Acq: 27 Apr 2021 12:42



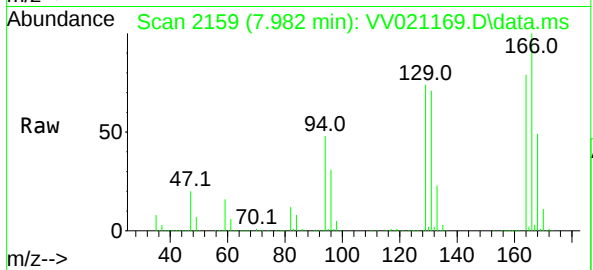
Tgt Ion	Ratio	Lower	Upper
97	100		
99	17.1	43.7	81.1#
83	213.1	59.6	110.6#
85	33.6	37.5	69.6#





#46
 Tetrachloroethene
 Concen: 1202.50 ug/L
 RT: 7.982 min Scan# 2159
 Delta R.T. 0.003 min
 Lab File: VV021169.D
 Acq: 27 Apr 2021 12:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:164 Resp: 5478396

Ion	Ratio	Lower	Upper
164	100		
129	93.5	63.8	118.4
131	90.1	59.3	110.1
166	127.1	87.7	162.9

