

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021464.D
 Acq On : 01 Jun 2021 16:58
 Operator : SY/MD
 Sample : M2568-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GN0

Quant Time: Jun 02 00:51:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 02 00:49:39 2021
 Response via : Initial Calibration

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

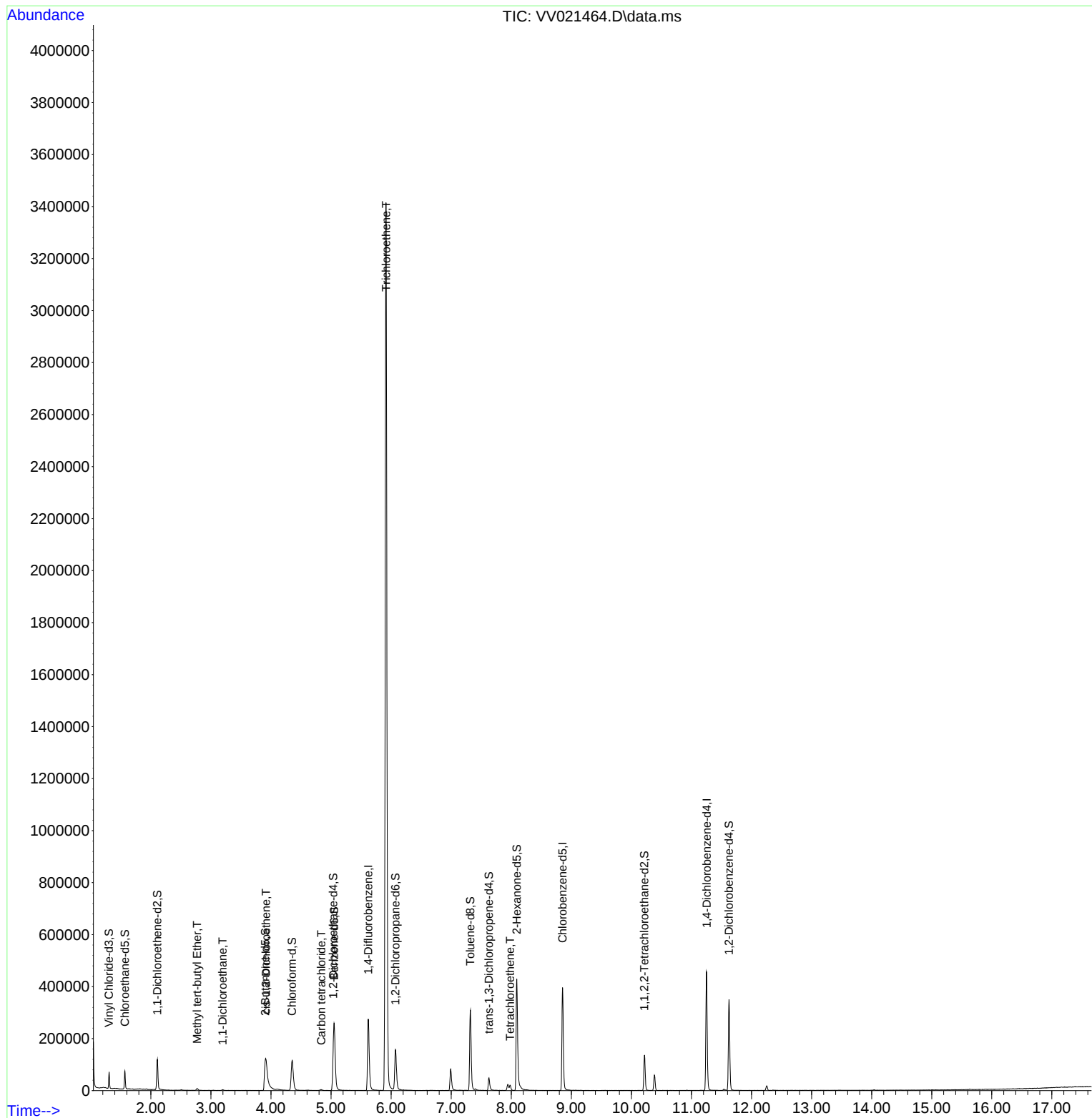
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	258917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	240963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	134164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38640	3.527	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.600%	
7) Chloroethane-d5	1.568	69	42716	4.086	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.800%	
11) 1,1-Dichloroethene-d2	2.108	63	57565	2.772	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.400%#	
20) 2-Butanone-d5	3.905	46	195163	49.563	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.120%	
24) Chloroform-d	4.352	84	125164	4.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
26) 1,2-Dichloroethane-d4	5.037	65	62123	4.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.053	84	239340	4.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	6.072	67	79878	4.249	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.320	98	213601	4.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	7.628	79	31300	4.000	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.091	63	168228	45.655	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65596	4.329	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	102593	4.437	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.770	73	6703	0.181	ug/L #	90
19) 1,1-Dichloroethane	3.194	63	3299	0.117	ug/L #	94
22) cis-1,2-Dichloroethene	3.915	96	30125	1.727	ug/L	96
31) Carbon tetrachloride	4.837	117	2517	0.103	ug/L	86
34) Trichloroethene	5.915	95	1184502	68.582	ug/L	100
47) Tetrachloroethene	7.982	164	5110	0.325	ug/L	95

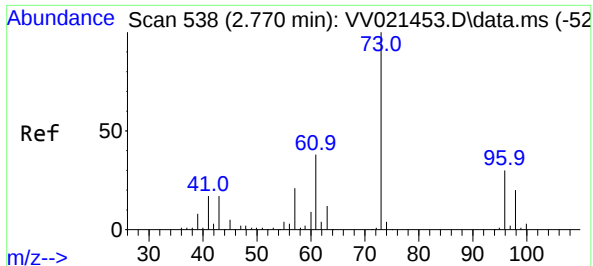
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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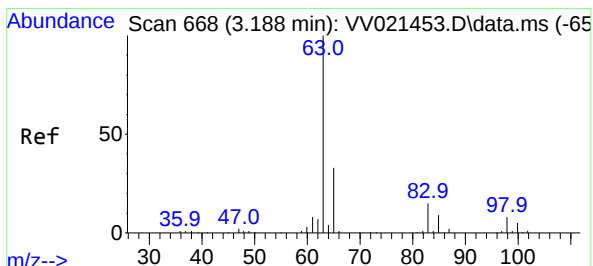
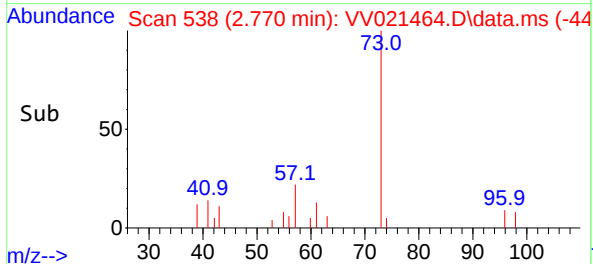
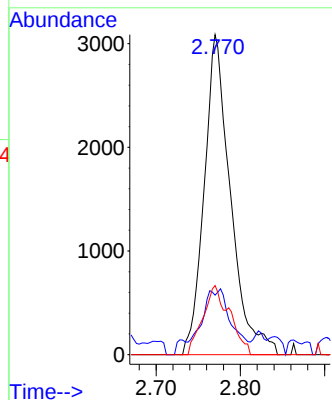
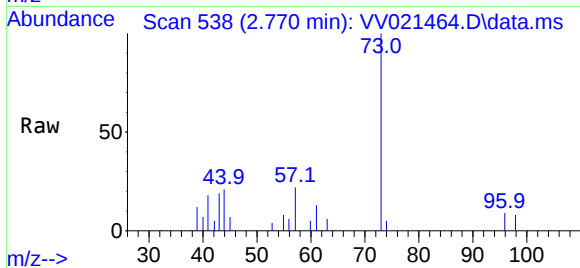


#17

Methyl tert-butyl Ether
Concen: 0.181 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021464.D
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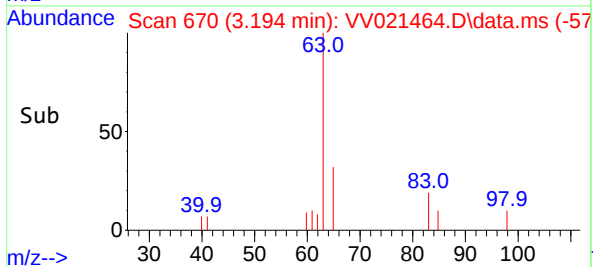
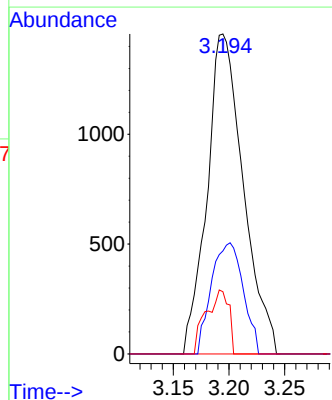
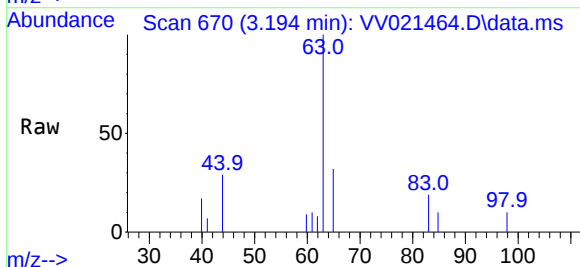
Tgt Ion: 73 Resp: 6703
Ion Ratio Lower Upper
73 100
43 7.6 13.4 20.2#
57 22.0 17.8 26.8

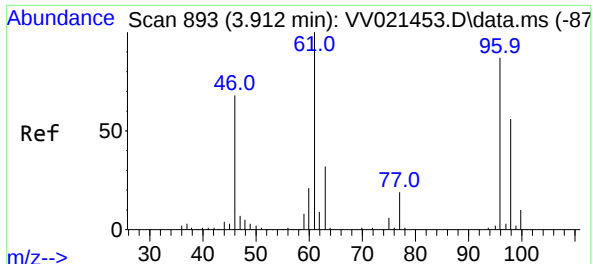


#19

1,1-Dichloroethane
Concen: 0.117 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

Tgt Ion: 63 Resp: 3299
Ion Ratio Lower Upper
63 100
65 32.2 23.2 43.2
83 19.4 9.4 17.4#

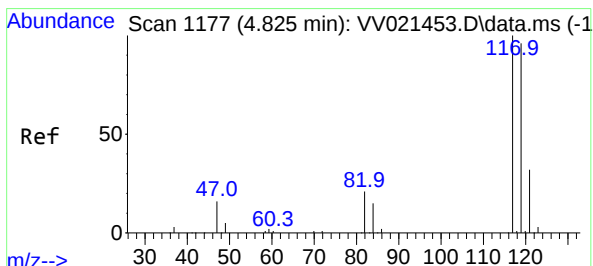
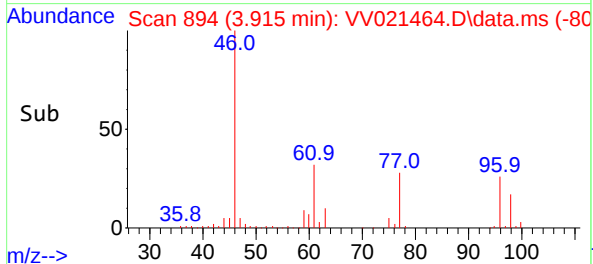
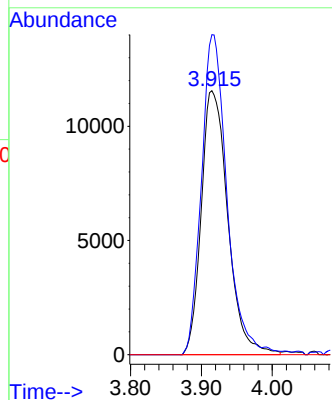
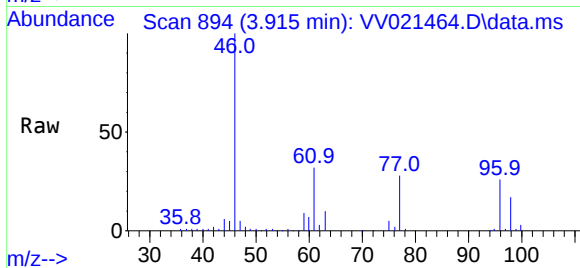




#22
cis-1,2-Dichloroethene
Concen: 1.727 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

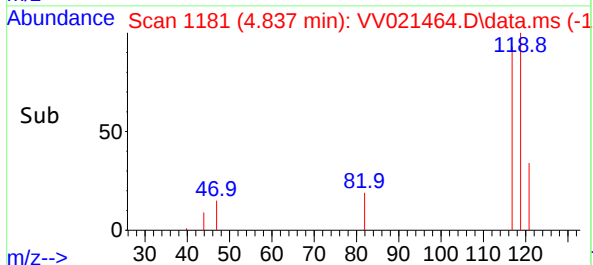
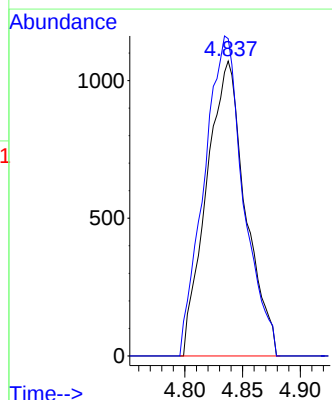
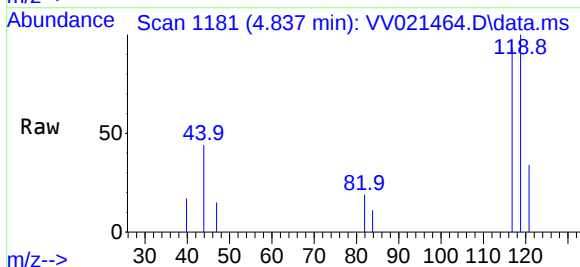
Instrument :
MSVOA_V
ClientSampleId :
C0GN0

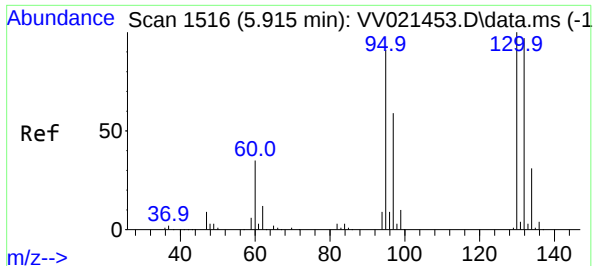
Tgt Ion: 96 Resp: 30125
Ion Ratio Lower Upper
96 100
61 121.2 81.9 152.1
68 0.0 0.0 0.0



#31
Carbon tetrachloride
Concen: 0.103 ug/L
RT: 4.837 min Scan# 1181
Delta R.T. 0.013 min
Lab File: VV021464.D
Acq: 01 Jun 2021 16:58

Tgt Ion: 117 Resp: 2517
Ion Ratio Lower Upper
117 100
119 109.6 77.0 115.6





#34

Trichloroethene

Concen: 68.582 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

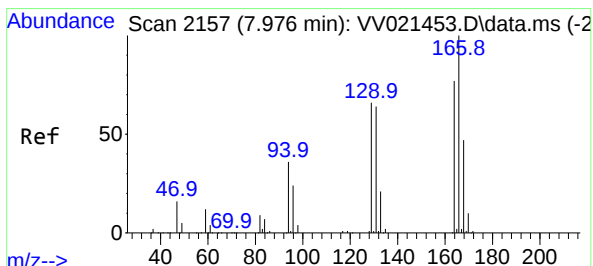
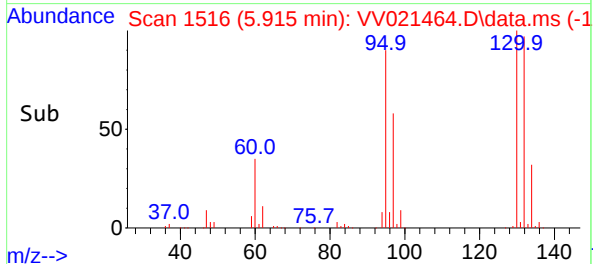
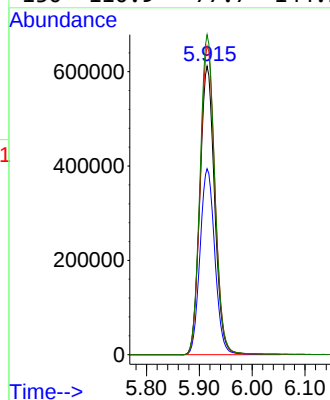
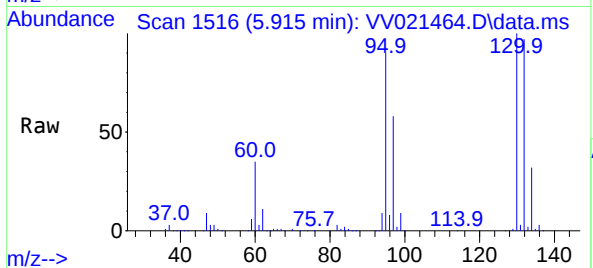
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Tgt Ion: 95 Resp: 1184502

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.4	84.4
132	107.0	74.5	138.3
130	110.9	77.7	144.3



#47

Tetrachloroethene

Concen: 0.325 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV021464.D

Acq: 01 Jun 2021 16:58

Tgt Ion: 164 Resp: 5110

Ion	Ratio	Lower	Upper
164	100		
129	82.0	61.8	114.8
131	82.4	57.8	107.4
166	117.4	87.4	162.4

