

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021466.D
 Acq On : 01 Jun 2021 17:46
 Operator : SY/MD
 Sample : M2568-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GM9

Quant Time: Jun 02 00:51:19 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)

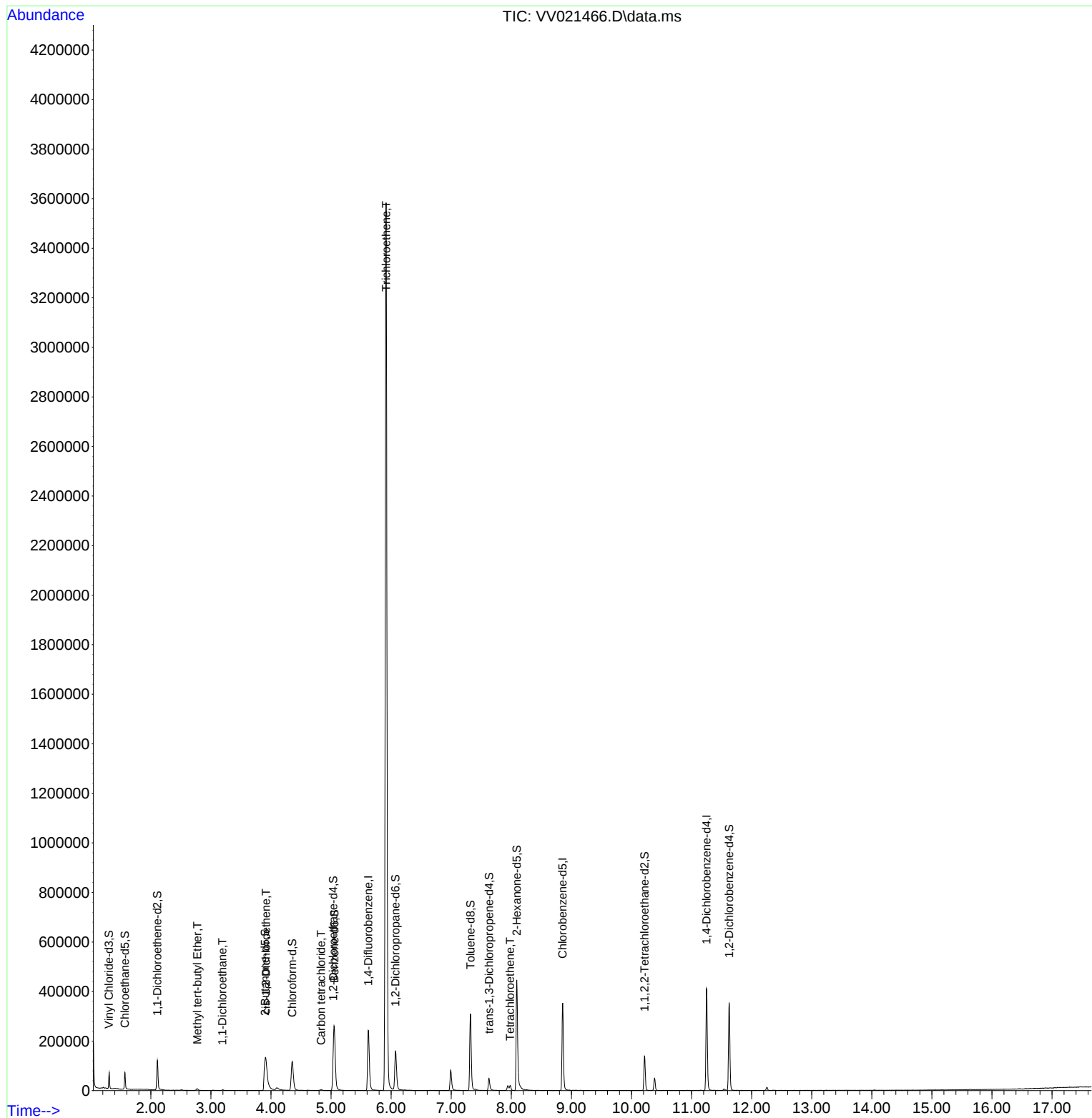
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	228946	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	215309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39948	4.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.568	69	44375	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.108	63	58009	3.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.899	46	200908	57.701	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.400%
24) Chloroform-d	4.352	84	126960	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.037	65	62749	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.053	84	244181	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.072	67	80499	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.320	98	215947	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.629	79	31905	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.092	63	168172	51.078	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	67358	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	103007	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
17) Methyl tert-butyl Ether	2.773	73	6665	0.203	ug/L	# 88
19) 1,1-Dichloroethane	3.191	63	3131	0.125	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	31469	2.041	ug/L	96
31) Carbon tetrachloride	4.834	117	2763	0.126	ug/L	92
34) Trichloroethene	5.915	95	1226654	79.485	ug/L	99
47) Tetrachloroethene	7.982	164	5101	0.363	ug/L	89

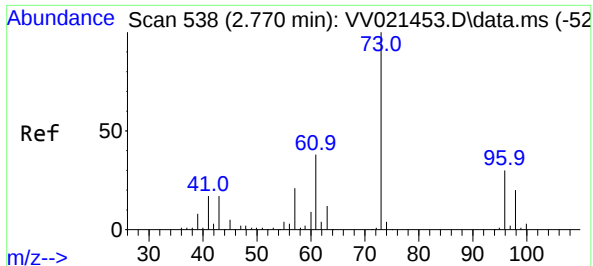
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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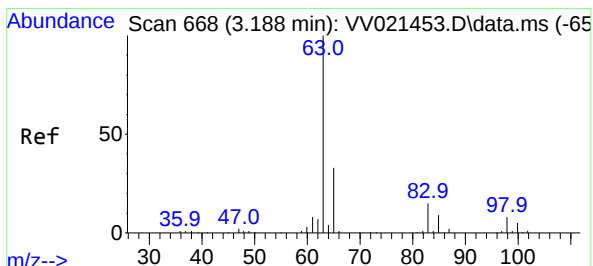
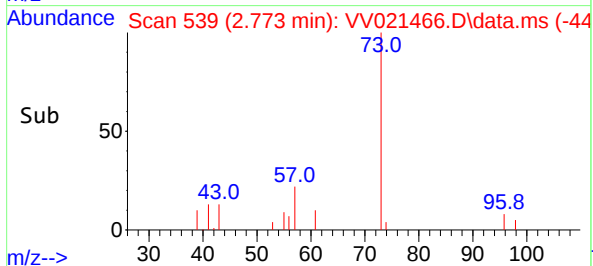
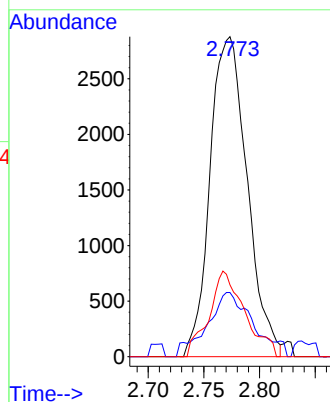
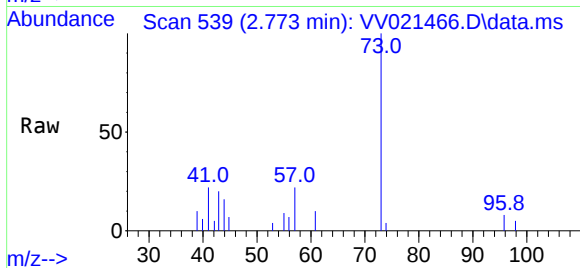


#17

Methyl tert-butyl Ether
 Concen: 0.203 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. 0.003 min
 Lab File: VV021466.D
 Acq: 01 Jun 2021 17:46

Instrument :
 MSVOA_V
 ClientSampled :
 C0GM9

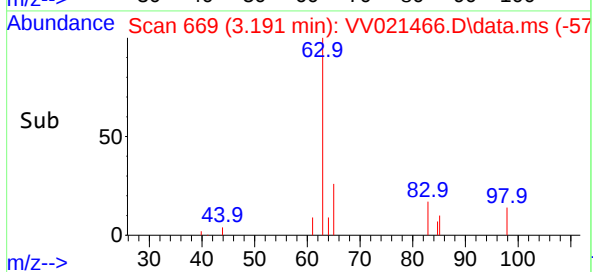
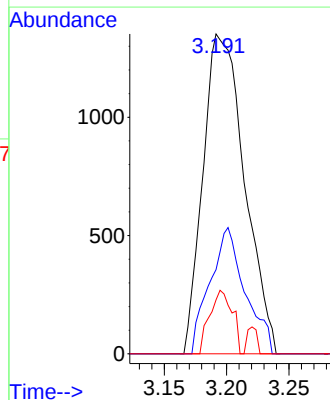
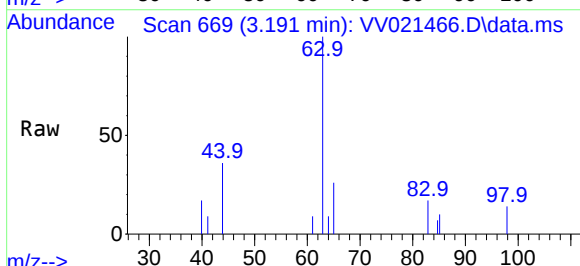
Tgt Ion:	73	Resp:	6665
Ion	Ratio	Lower	Upper
73	100		
43	24.8	13.4	20.2#
57	25.7	17.8	26.8

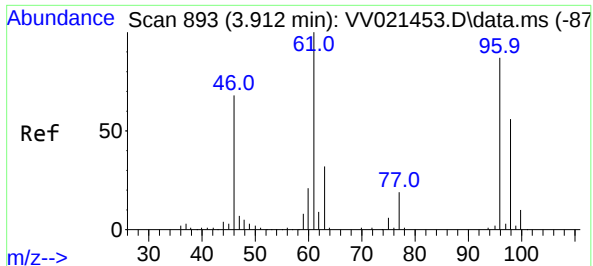


#19

1,1-Dichloroethane
 Concen: 0.125 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV021466.D
 Acq: 01 Jun 2021 17:46

Tgt Ion:	63	Resp:	3131
Ion	Ratio	Lower	Upper
63	100		
65	26.3	23.2	43.2
83	16.9	9.4	17.4

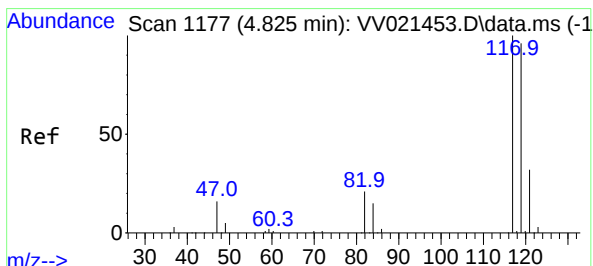
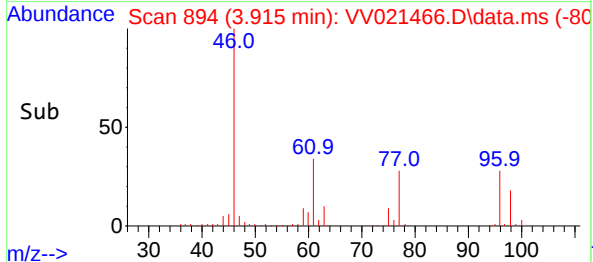
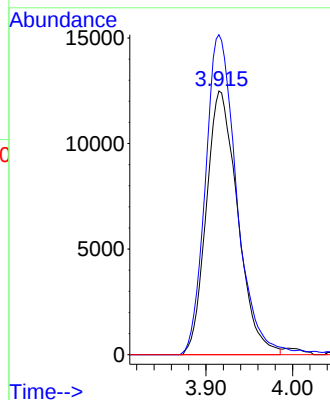
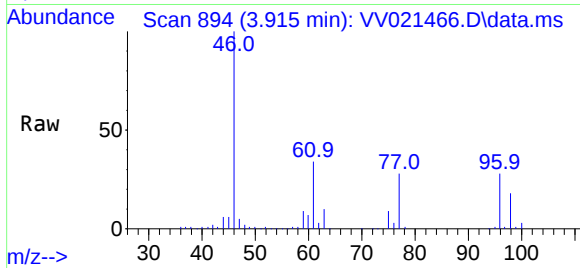




#22
 cis-1,2-Dichloroethene
 Concen: 2.041 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV021466.D
 Acq: 01 Jun 2021 17:46

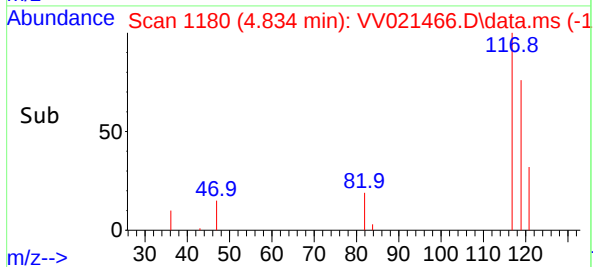
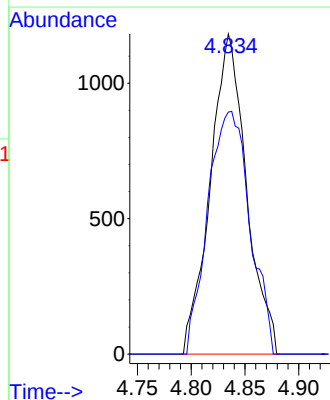
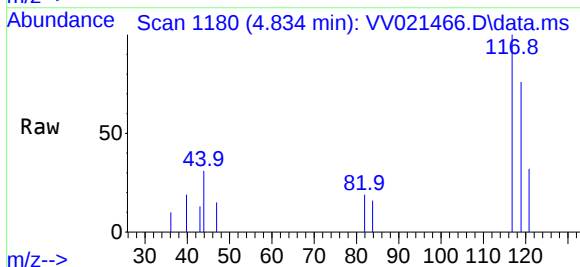
Instrument :
 MSVOA_V
 ClientSampleId :
 C0GM9

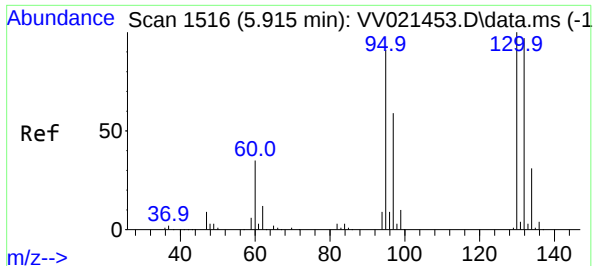
Tgt Ion: 96 Resp: 31469
 Ion Ratio Lower Upper
 96 100
 61 121.3 81.9 152.1
 68 0.0 0.0 0.0



#31
 Carbon tetrachloride
 Concen: 0.126 ug/L
 RT: 4.834 min Scan# 1180
 Delta R.T. 0.010 min
 Lab File: VV021466.D
 Acq: 01 Jun 2021 17:46

Tgt Ion: 117 Resp: 2763
 Ion Ratio Lower Upper
 117 100
 119 88.0 77.0 115.6





#34

Trichloroethene

Concen: 79.485 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV021466.D

Acq: 01 Jun 2021 17:46

Tgt Ion: 95 Resp: 1226654

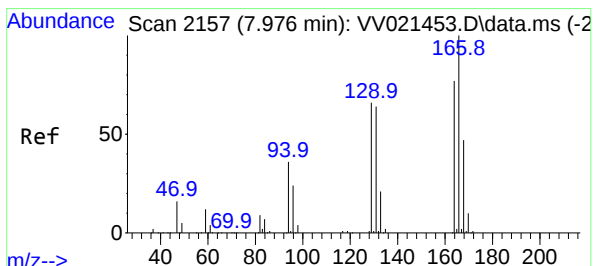
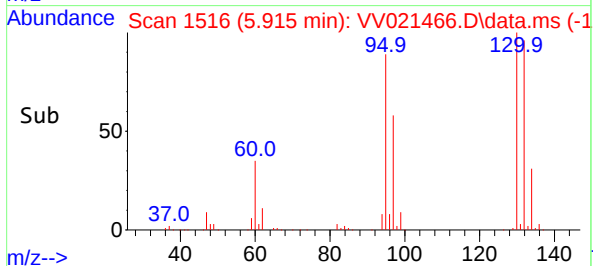
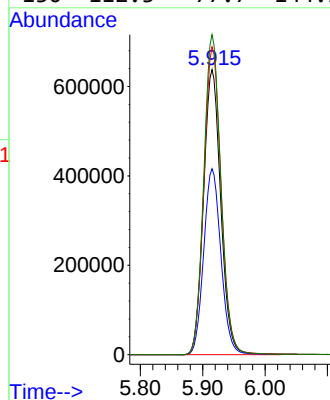
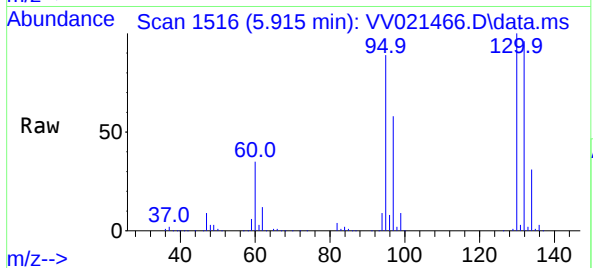
Ion Ratio Lower Upper

95 100

97 65.2 45.4 84.4

132 108.0 74.5 138.3

130 112.3 77.7 144.3



#47

Tetrachloroethene

Concen: 0.363 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV021466.D

Acq: 01 Jun 2021 17:46

Tgt Ion: 164 Resp: 5101

Ion Ratio Lower Upper

164 100

129 82.4 61.8 114.8

131 91.8 57.8 107.4

166 141.7 87.4 162.4

