

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
 Data File : VV021511.D
 Acq On : 04 Jun 2021 16:54
 Operator : SY/MD
 Sample : M2605-12 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7K4

Quant Time: Jun 05 03:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

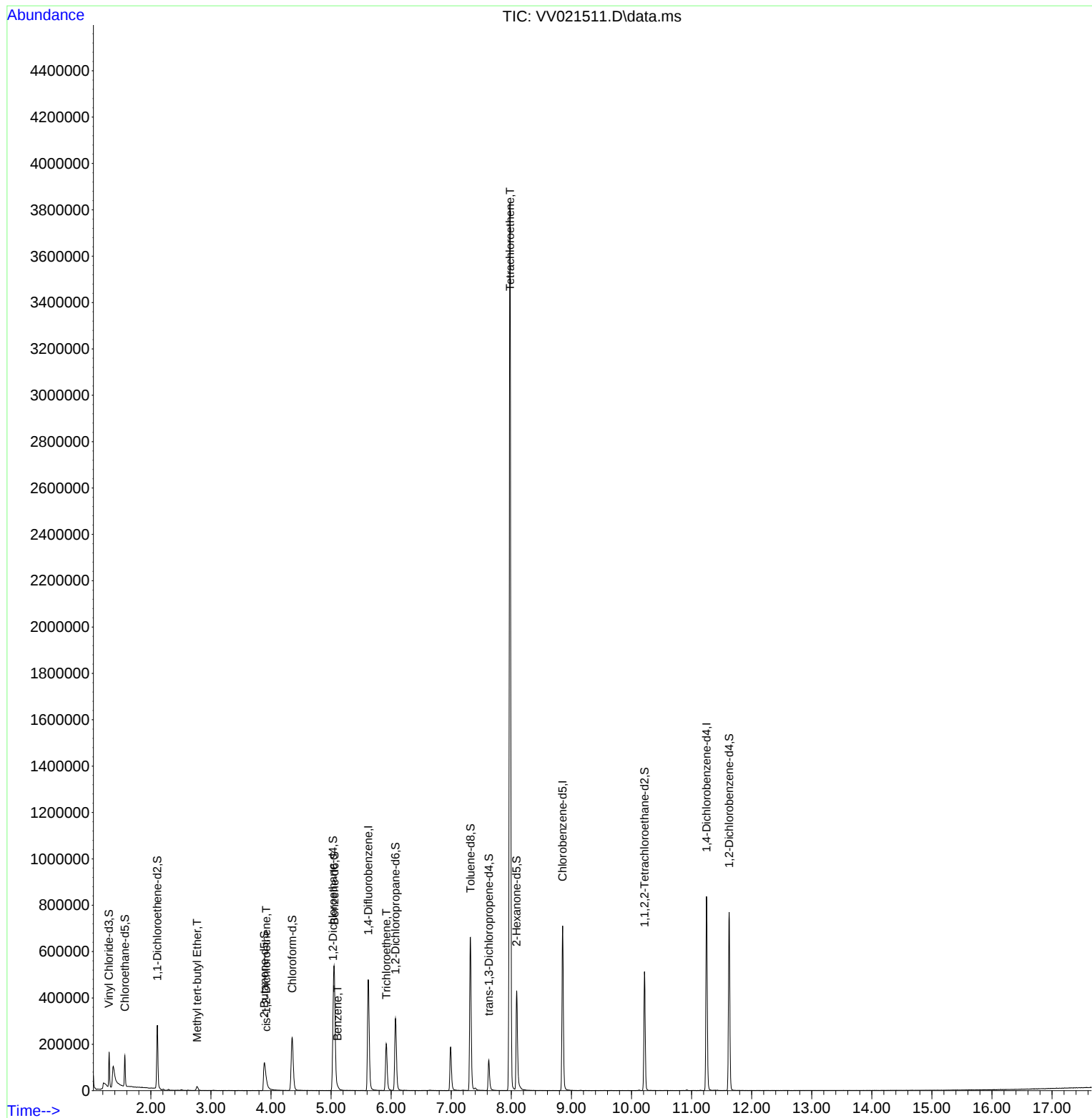
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	443272	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	418716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	240042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94510	32.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.760%
7) Chloroethane-d5	1.568	69	81713	37.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.280%
11) 1,1-Dichloroethene-d2	2.108	63	135797	27.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.460%#
21) 2-Butanone-d5	3.889	46	213070	101.813	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.810%
24) Chloroform-d	4.352	84	245512	42.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.520%
26) 1,2-Dichloroethane-d4	5.034	65	150625	45.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
32) Benzene-d6	5.053	84	485194	41.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.840%
36) 1,2-Dichloropropane-d6	6.072	67	156574	43.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.560%
41) Toluene-d8	7.320	98	452803	40.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.140%
43) trans-1,3-Dichloroprop...	7.625	79	78913	40.764	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.520%
47) 2-Hexanone-d5	8.088	63	163472	98.416	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240916	47.978	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	11.625	152	218564	43.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
18) Methyl tert-butyl Ether	2.770	73	16969	1.803	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	2985	0.899	ug/L	96
33) Benzene	5.108	78	13349	1.114	ug/L	100
34) Trichloroethene	5.918	95	70360	21.598	ug/L	98
46) Tetrachloroethene	7.979	164	936041	312.528	ug/L	98

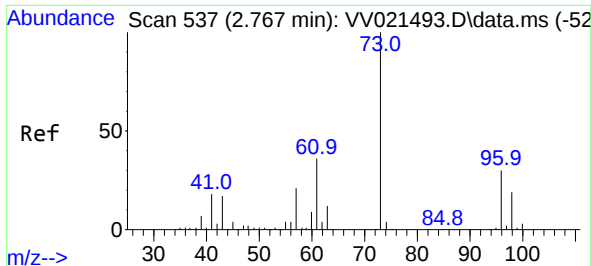
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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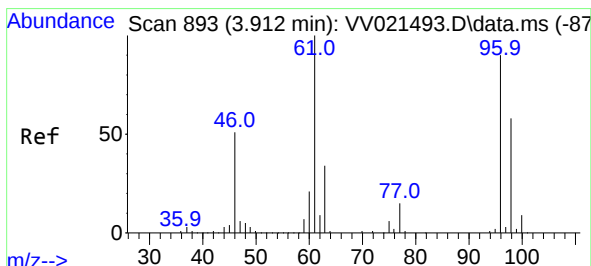
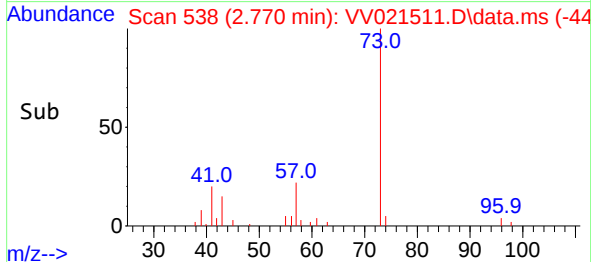
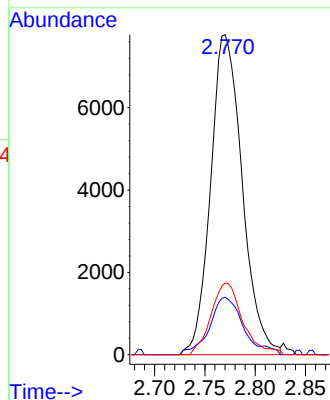
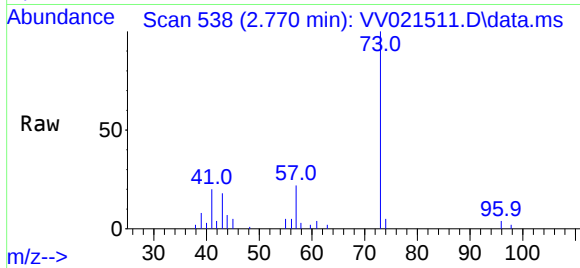


#18
Methyl tert-butyl Ether
Concen: 1.803 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Instrument :
MSVOA_V
ClientSampleId :
BG7K4

Tgt Ion: 73 Resp: 16969

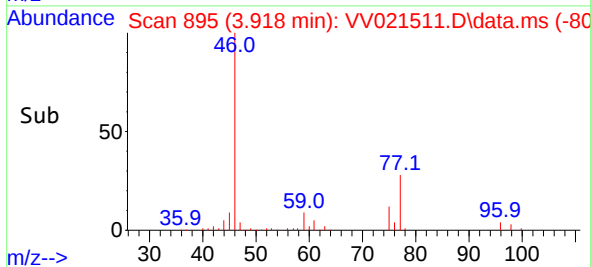
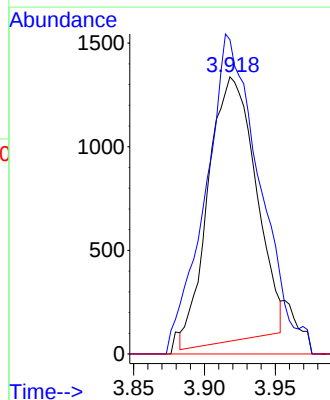
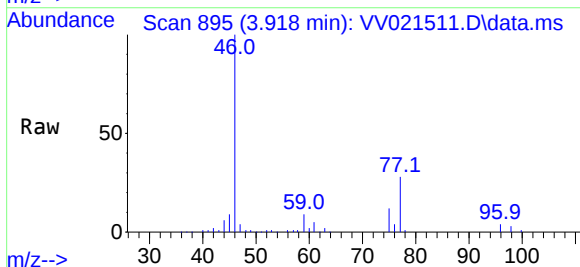
Ion	Ratio	Lower	Upper
73	100		
43	14.8	13.9	20.9
57	22.5	17.1	25.7

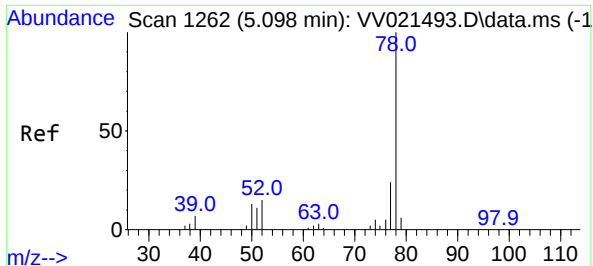


#20
cis-1,2-Dichloroethene
Concen: 0.899 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Tgt Ion: 96 Resp: 2985

Ion	Ratio	Lower	Upper
96	100		
61	113.4	82.4	153.0
68	0.0	0.0	0.0

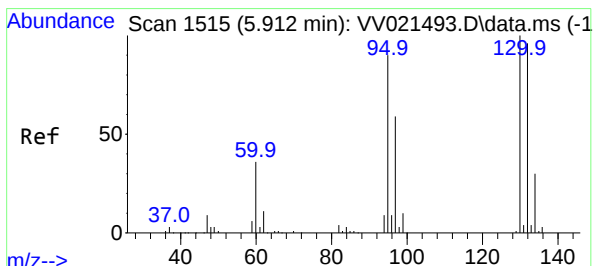
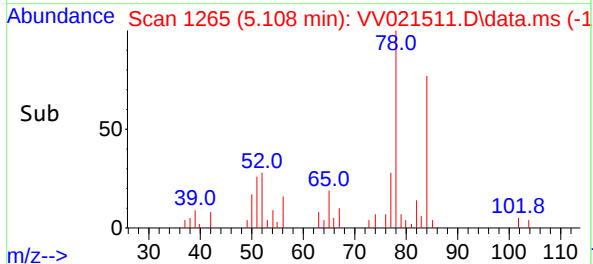
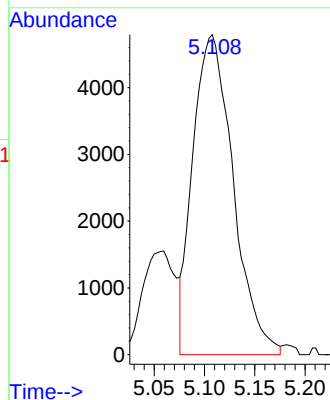
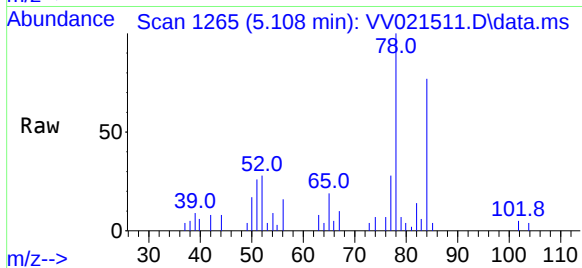




#33
Benzene
Concen: 1.114 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Instrument :
MSVOA_V
ClientSampled :
BG7K4

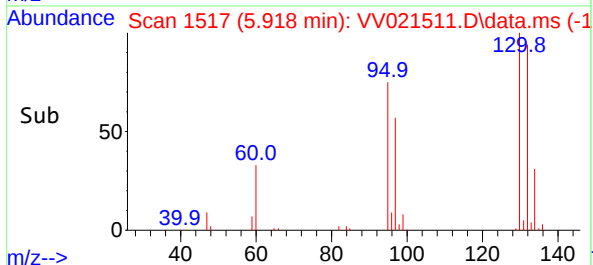
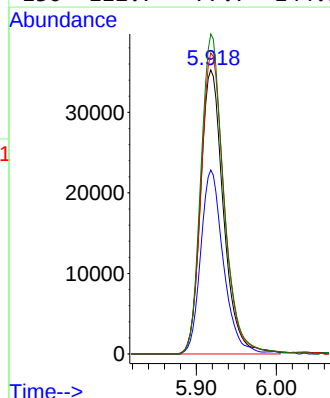
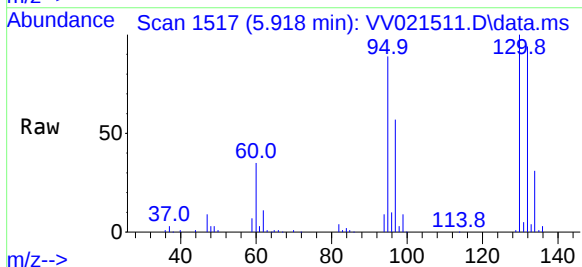
Tgt Ion: 78 Resp: 13349

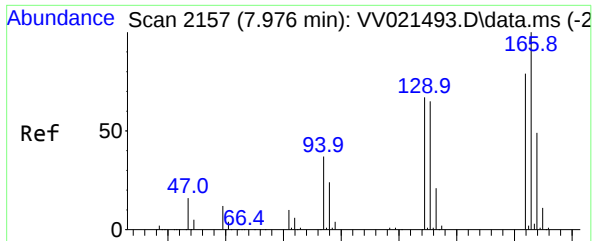


#34
Trichloroethene
Concen: 21.598 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Tgt Ion: 95 Resp: 70360

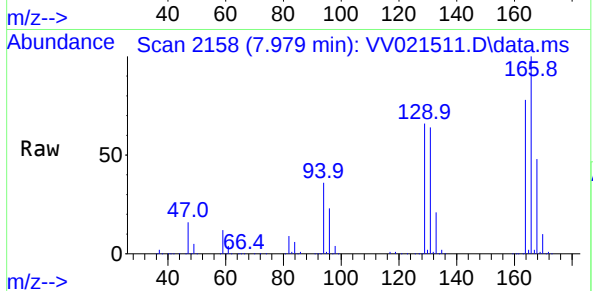
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.3	82.3
132	106.0	73.2	136.0
130	112.7	77.7	144.3





#46
Tetrachloroethene
Concen: 312.528 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Instrument :
MSVOA_V
ClientSampleId :
BG7K4



Tgt Ion:164 Resp: 936041

Ion	Ratio	Lower	Upper
164	100		
129	85.2	60.5	112.3
131	82.6	58.7	108.9
166	128.9	88.1	163.5

