

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022465.D
 Acq On : 01 Oct 2021 04:54
 Operator : SY/MD
 Sample : M3996-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A41

Quant Time: Oct 01 06:28:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

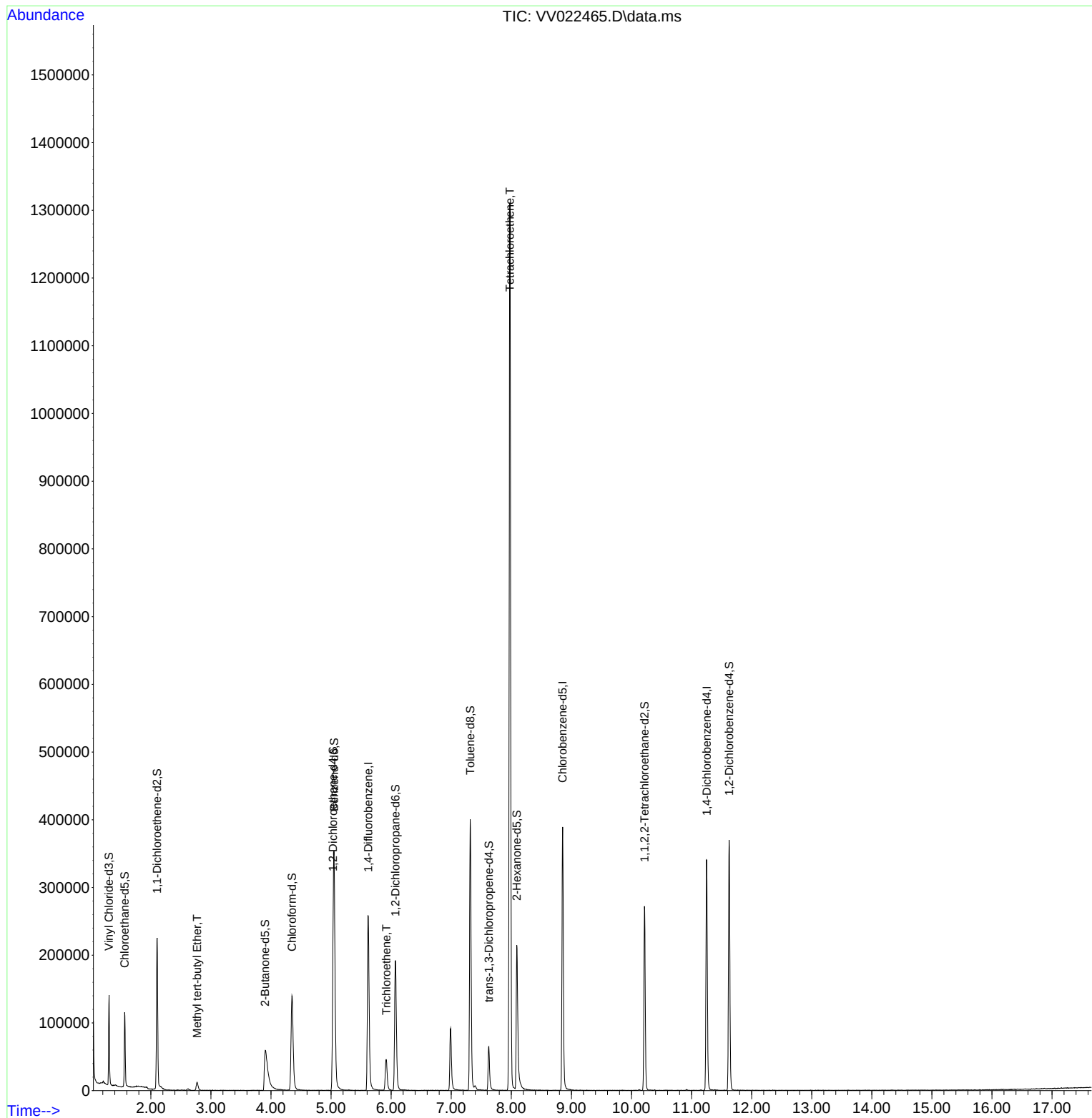
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	231725	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	220874	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	95471	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81207	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.58%
7) Chloroethane-d5	1.565	69	66296	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.24%
11) 1,1-Dichloroethene-d2	2.105	63	115478	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.54%
21) 2-Butanone-d5	3.902	46	123172	88.75	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.75%
24) Chloroform-d	4.349	84	145485	40.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.94%
26) 1,2-Dichloroethane-d4	5.034	65	92323	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.80%
32) Benzene-d6	5.050	84	307492	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
36) 1,2-Dichloropropane-d6	6.072	67	95349	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.78%
41) Toluene-d8	7.317	98	268388	42.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.40%
43) trans-1,3-Dichloroprop...	7.625	79	37460	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
47) 2-Hexanone-d5	8.092	63	76525	84.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.72%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	129078	40.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	99897	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
Target Compounds						
18) Methyl tert-butyl Ether	2.770	73	11470	2.19	ug/L	94
34) Trichloroethene	5.918	95	15588	8.99	ug/L	99
46) Tetrachloroethene	7.976	164	299137	209.59	ug/L	96

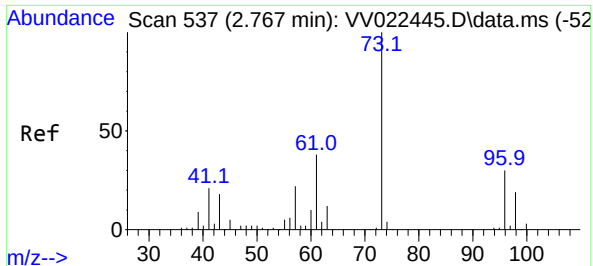
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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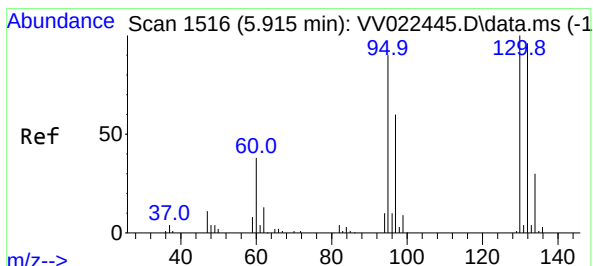
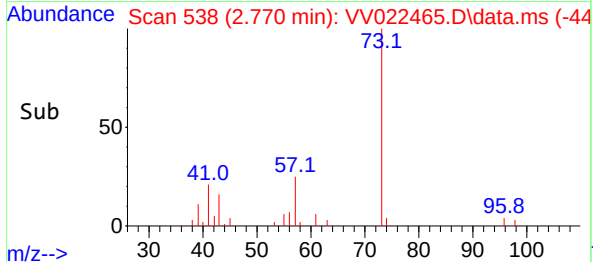
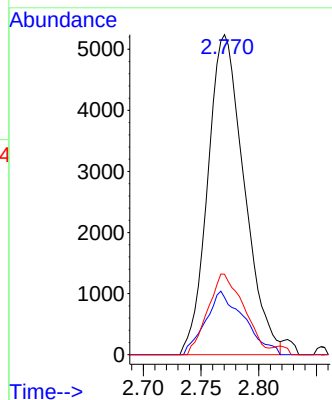
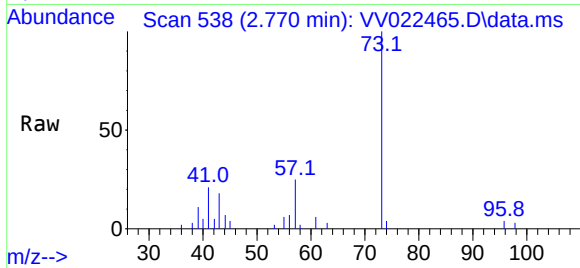




#18
Methyl tert-butyl Ether
Concen: 2.19 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022465.D
Acq: 01 Oct 2021 04:54

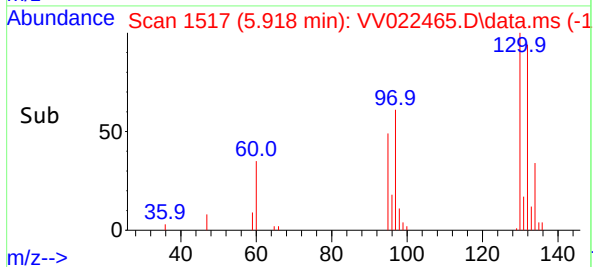
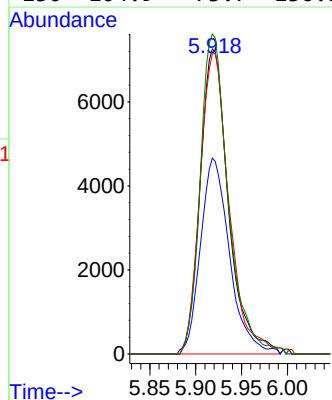
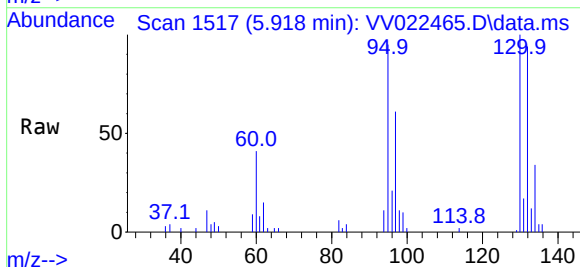
Instrument :
MSVOA_V
ClientSampled :
F4A41

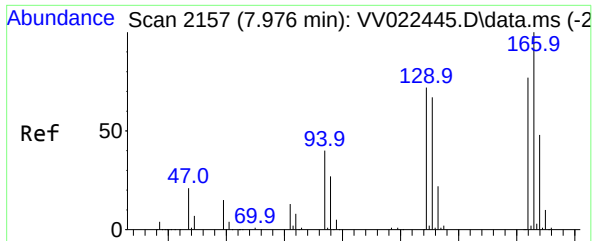
Tgt Ion: 73 Resp: 11470
Ion Ratio Lower Upper
73 100
43 21.0 14.6 21.8
57 25.0 17.6 26.4



#34
Trichloroethene
Concen: 8.99 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022465.D
Acq: 01 Oct 2021 04:54

Tgt Ion: 95 Resp: 15588
Ion Ratio Lower Upper
95 100
97 64.2 45.2 84.0
132 98.4 71.0 131.8
130 104.9 73.7 136.9





#46
Tetrachloroethene
Concen: 209.59 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022465.D
Acq: 01 Oct 2021 04:54

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 299137

Ion	Ratio	Lower	Upper
164	100		
129	90.1	66.4	123.4
131	88.0	63.6	118.0
166	127.5	91.6	170.0

