

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
 Data File : VV021313.D
 Acq On : 06 May 2021 17:36
 Operator : SY/MD
 Sample : M2320-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 03:58:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

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

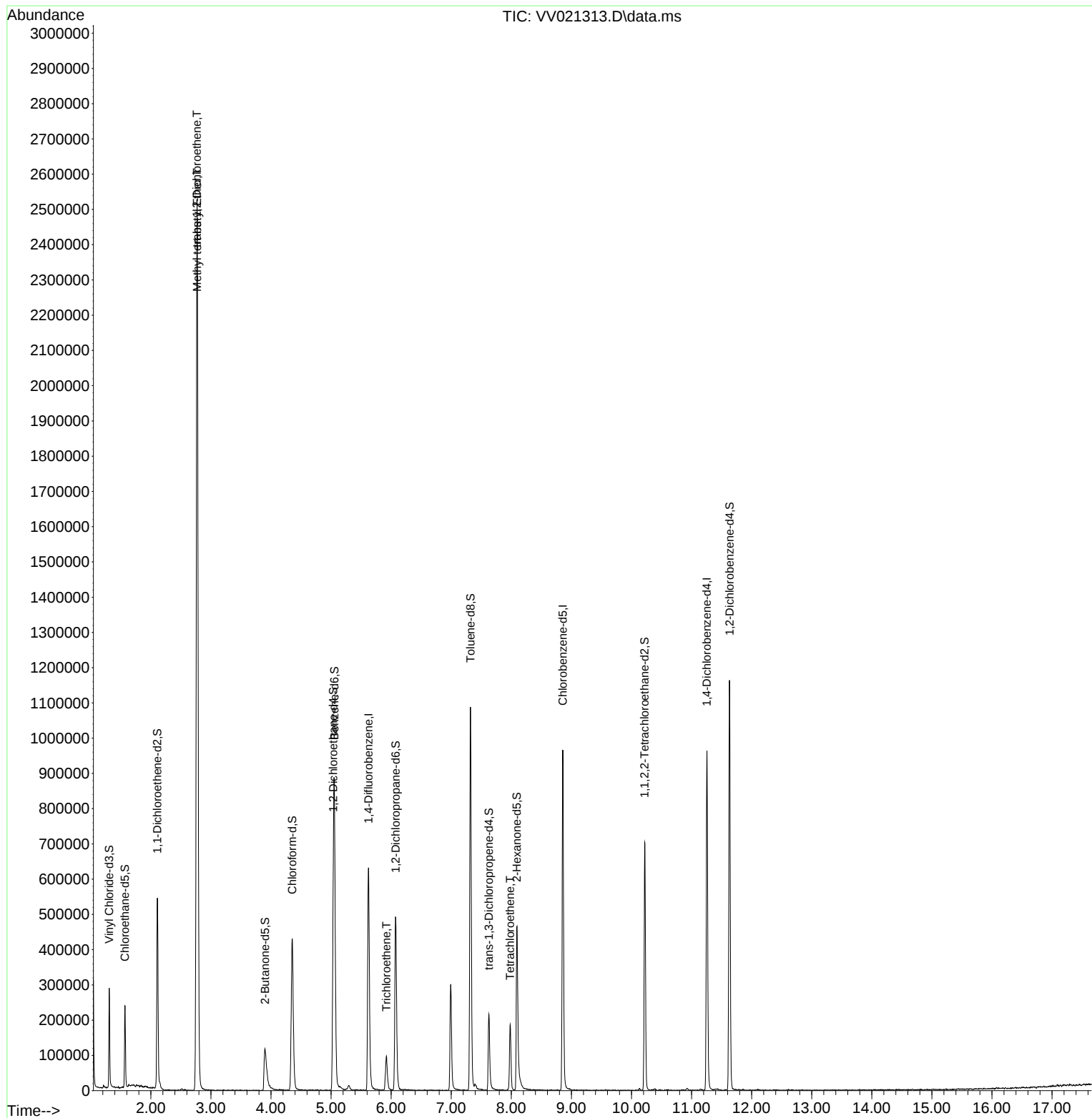
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	533923	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	521873	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	252408	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	156786	66.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 132.40%			
7) Chloroethane-d5	1.568	69	135183	63.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 127.74%			
11) 1,1-Dichloroethene-d2	2.108	63	276556	41.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.72%			
21) 2-Butanone-d5	3.899	46	192945	101.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.52%			
24) Chloroform-d	4.352	84	419398	55.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.26%			
26) 1,2-Dichloroethane-d4	5.037	65	323124	57.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.52%			
32) Benzene-d6	5.053	84	714811	59.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.94%			
36) 1,2-Dichloropropane-d6	6.076	67	180022	58.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 116.62%			
41) Toluene-d8	7.320	98	696879	55.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.90%			
43) trans-1,3-Dichloroprop...	7.625	79	119283	51.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.88%			
47) 2-Hexanone-d5	8.092	63	145937	102.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.36%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	262343	53.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.20%			
66) 1,2-Dichlorobenzene-d4	11.632	152	287208	57.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.48%			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.764	96	3625	1.08	ug/L #	70
18) Methyl tert-butyl Ether	2.770	73	2560906	213.38	ug/L #	91
34) Trichloroethene	5.921	95	23264	5.42	ug/L	96
46) Tetrachloroethene	7.982	164	41246	11.17	ug/L	97

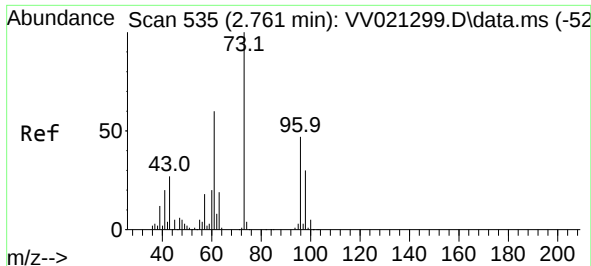
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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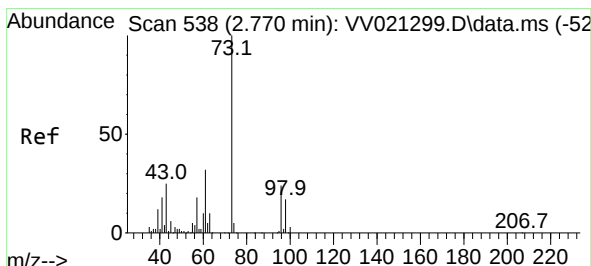
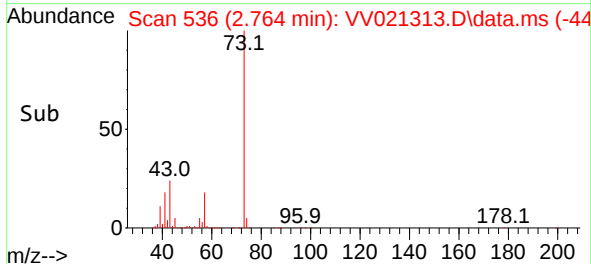
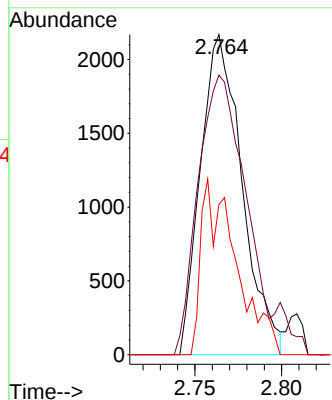
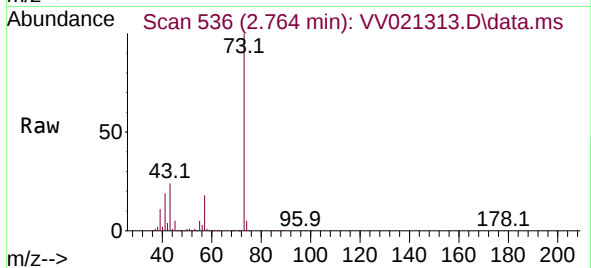


#17

trans-1,2-Dichloroethene
Concen: 1.08 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021313.D
Acq: 06 May 2021 17:36

Instrument :
MSVOA_V
ClientSampled :

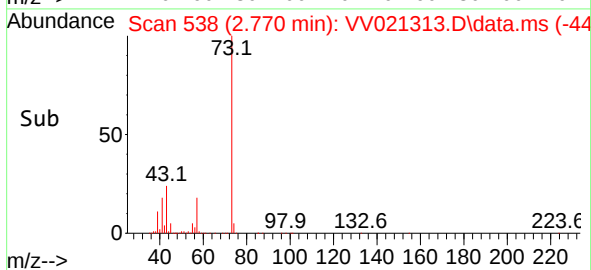
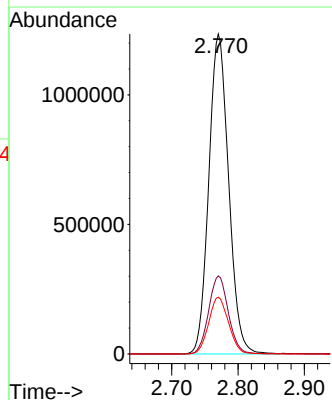
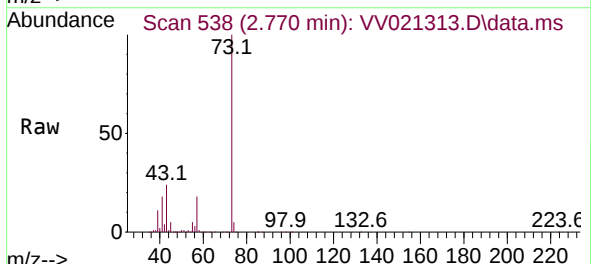
Tgt Ion: 96 Resp: 3625
Ion Ratio Lower Upper
96 100
61 87.4 89.3 165.9#
98 47.0 44.1 81.9

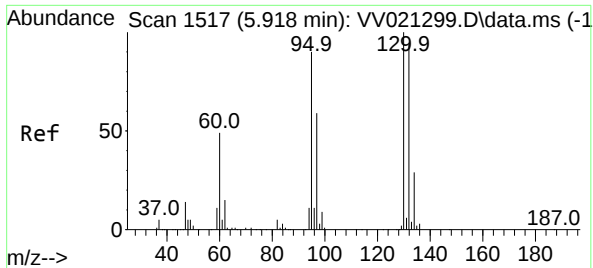


#18

Methyl tert-butyl Ether
Concen: 213.38 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV021313.D
Acq: 06 May 2021 17:36

Tgt Ion: 73 Resp: 2560906
Ion Ratio Lower Upper
73 100
43 24.3 14.7 22.1#
57 17.8 15.9 23.9





#34

Trichloroethene

Concen: 5.42 ug/L

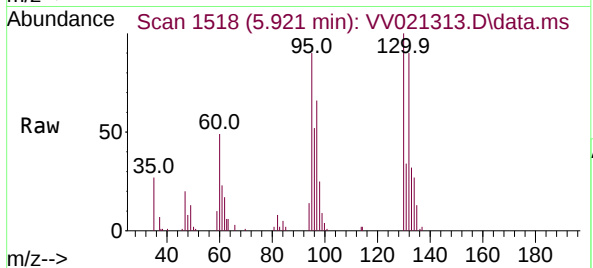
RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV021313.D

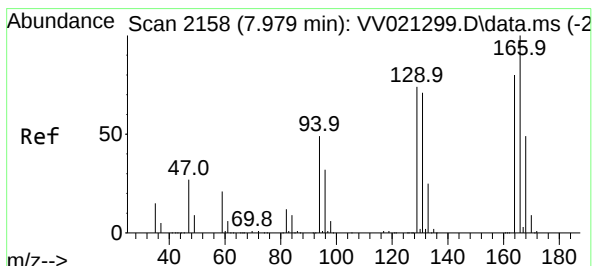
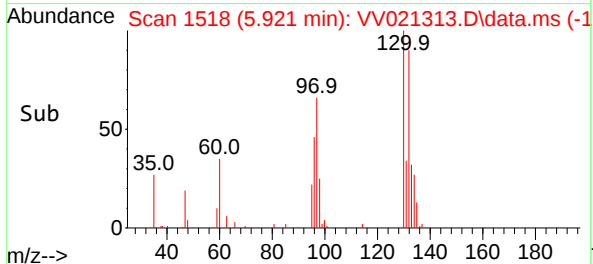
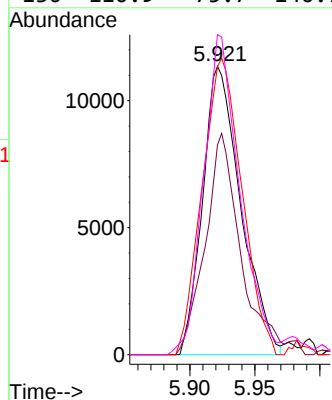
Acq: 06 May 2021 17:36

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 95 Resp: 23264

Ion	Ratio	Lower	Upper
95	100		
97	72.7	45.5	84.5
132	99.8	71.0	131.8
130	110.9	75.7	140.7



#46

Tetrachloroethene

Concen: 11.17 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV021313.D

Acq: 06 May 2021 17:36

Tgt Ion: 164 Resp: 41246

Ion	Ratio	Lower	Upper
164	100		
129	89.5	63.8	118.4
131	85.6	59.3	110.1
166	130.3	87.7	162.9

