

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022437.D
 Acq On : 30 Sep 2021 17:18
 Operator : SY/MD
 Sample : M3979-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A05

Manual Integrations
 APPROVED

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 10/1/2021 11:51:27 AM

Quant Time: Oct 01 02:43:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	236179	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	230073	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	97513	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86126	42.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.94%		
7) Chloroethane-d5	1.564	69	69794	44.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.04%		
11) 1,1-Dichloroethene-d2	2.105	63	115392m	33.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.22%		
21) 2-Butanone-d5	3.899	46	124688	88.15	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.15%		
24) Chloroform-d	4.349	84	146847	40.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.14%		
26) 1,2-Dichloroethane-d4	5.034	65	93238	42.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.02%		
32) Benzene-d6	5.050	84	308367	42.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.20%		
36) 1,2-Dichloropropane-d6	6.072	67	101134	43.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.36%		
41) Toluene-d8	7.317	98	279857	42.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.48%		
43) trans-1,3-Dichloroprop...	7.622	79	41500	39.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.50%		
47) 2-Hexanone-d5	8.092	63	83416	88.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.66%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	136285	40.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.10%		
66) 1,2-Dichlorobenzene-d4	11.625	152	104254	48.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.16%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	4991	0.94	ug/L	# 94
46) Tetrachloroethene	7.976	164	144794	97.39	ug/L	98

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

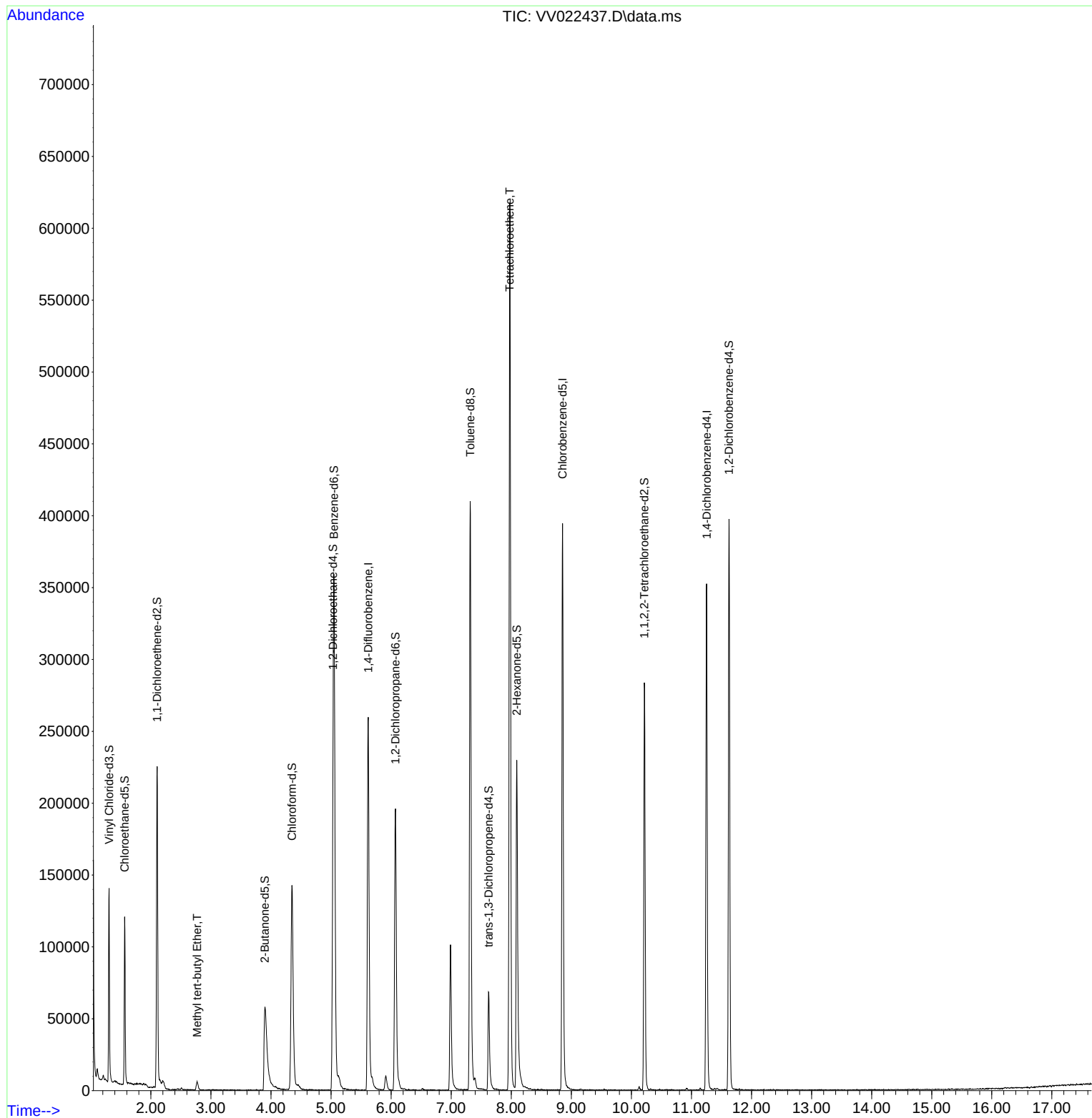
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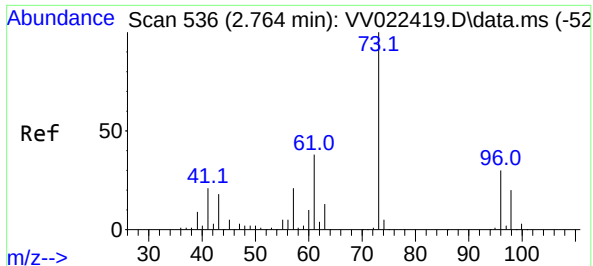
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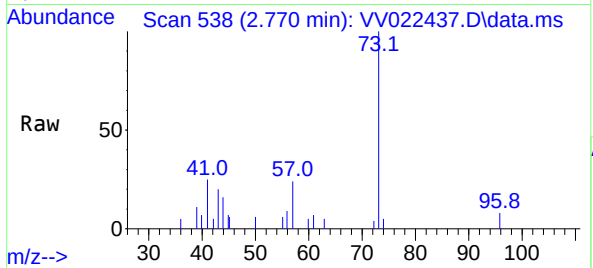
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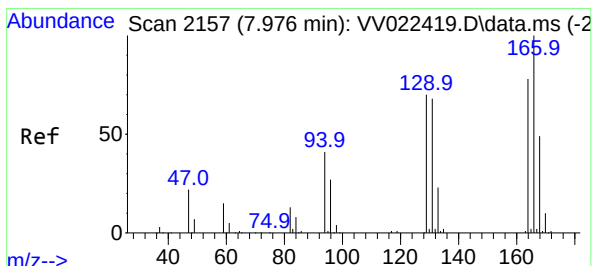
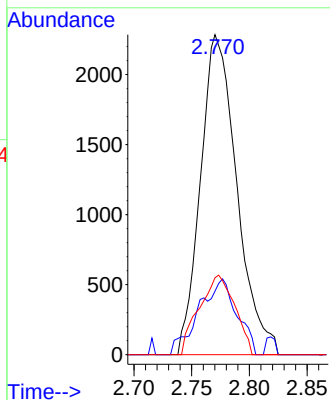
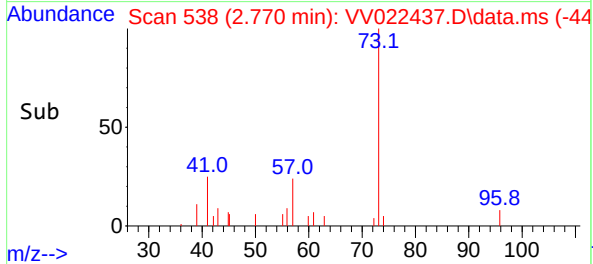




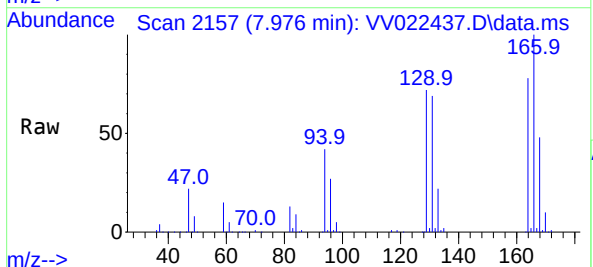
#18
Methyl tert-butyl Ether
Concen: 0.94 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022437.D
Acq: 30 Sep 2021 17:18



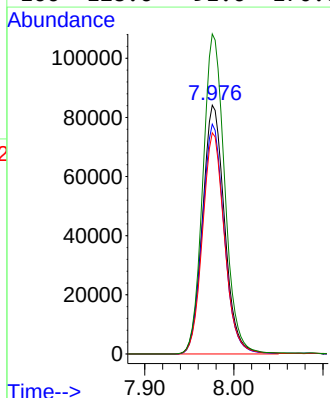
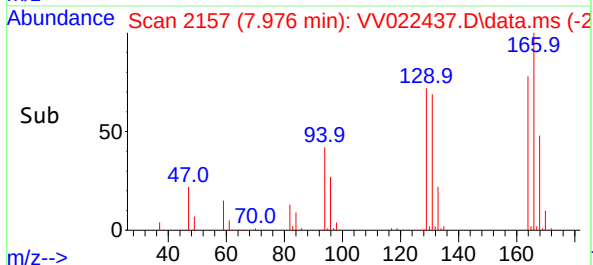
Tgt Ion: 73 Resp: 4991
Ion Ratio Lower Upper
73 100
43 14.5 14.6 21.8#
57 24.4 17.6 26.4



#46
Tetrachloroethene
Concen: 97.39 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022437.D
Acq: 30 Sep 2021 17:18



Tgt Ion: 164 Resp: 144794
Ion Ratio Lower Upper
164 100
129 92.4 66.4 123.4
131 88.9 63.6 118.0
166 128.6 91.6 170.0



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