

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042121\
 Data File : VV021077.D
 Acq On : 21 Apr 2021 14:49
 Operator : SY/MD
 Sample : M2067-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 06:42:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

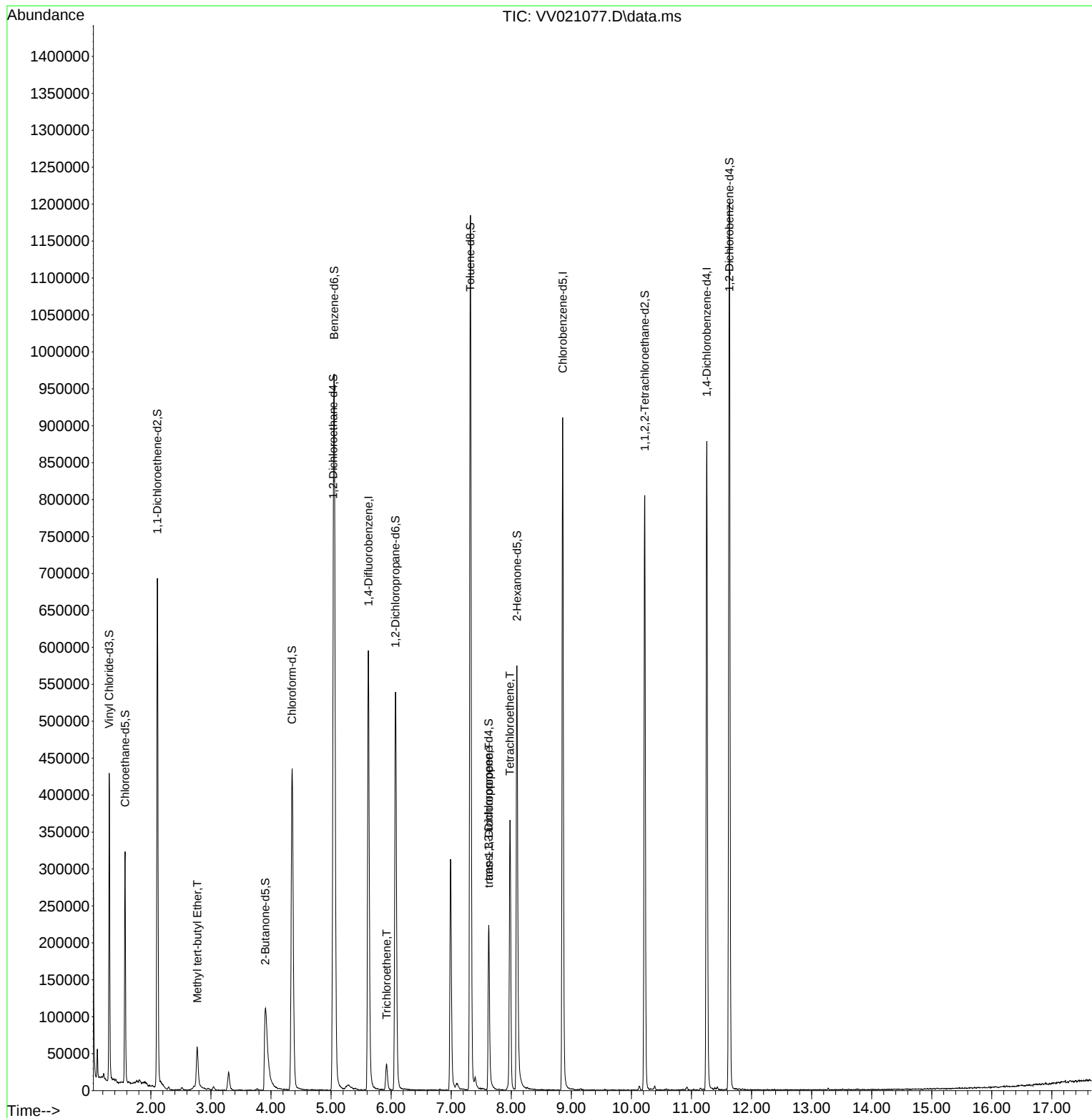
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	524926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	507807	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	238122	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	254897	59.10	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	118.20%	
7) Chloroethane-d5	1.571	69	191989	60.51	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	121.02%	
11) 1,1-Dichloroethene-d2	2.108	63	358913	45.11	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.22%	
21) 2-Butanone-d5	3.905	46	255079	121.10	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	121.10%	
24) Chloroform-d	4.352	84	447790	58.23	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	116.46%	
26) 1,2-Dichloroethane-d4	5.037	65	306837	62.77	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	125.54%#	
32) Benzene-d6	5.053	84	842223	62.28	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	124.56%	
36) 1,2-Dichloropropane-d6	6.072	67	252012	62.43	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	124.86%#	
41) Toluene-d8	7.320	98	787013	60.13	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	120.26%#	
43) trans-1,3-Dichloroprop...	7.625	79	129569	58.73	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	117.46%	
47) 2-Hexanone-d5	8.095	63	206386	128.90	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	128.90%	
56) 1,1,2,2-Tetrachloroeth...	10.223	84	354284	58.19	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	116.38%	
66) 1,2-Dichlorobenzene-d4	11.632	152	322970	68.66	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	137.32%#	
Target Compounds						
18) Methyl tert-butyl Ether	2.773	73	53221	4.82	ug/L #	91
34) Trichloroethene	5.924	95	11427	2.92	ug/L	94
44) trans-1,3-Dichloropropene	7.629	75	5640	0.96	ug/L	92
46) Tetrachloroethene	7.979	164	80592	23.00	ug/L	95

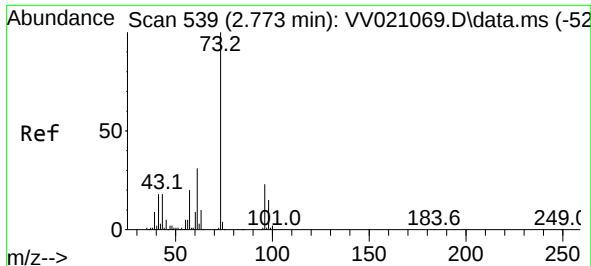
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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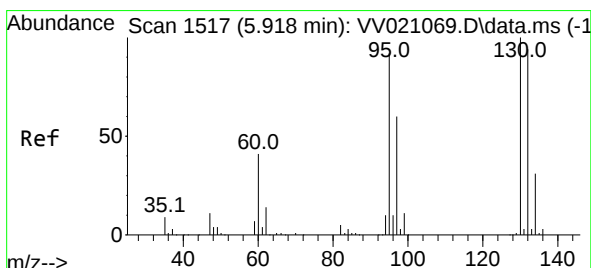
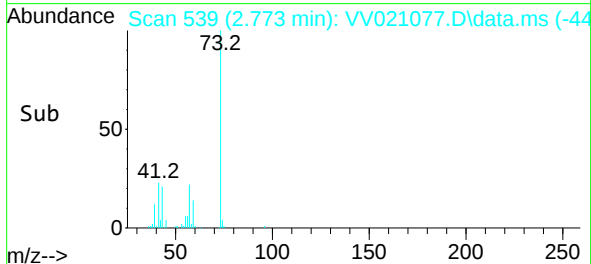
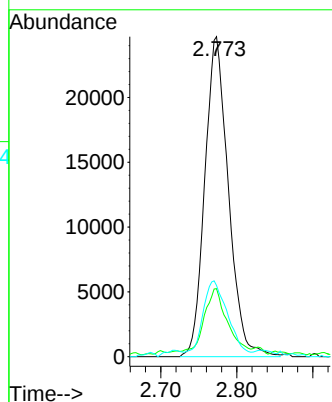
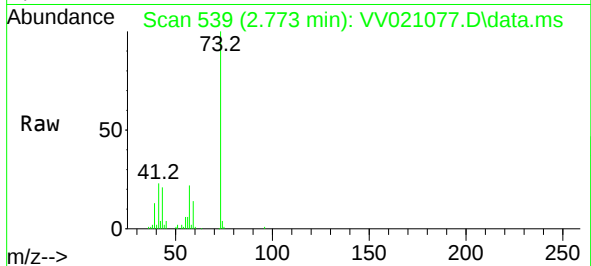




#18
Methyl tert-butyl Ether
Concen: 4.82 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV021077.D
Acq: 21 Apr 2021 14:49

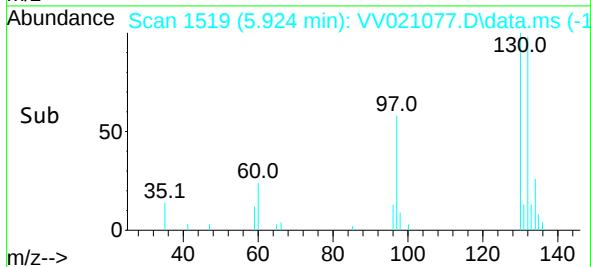
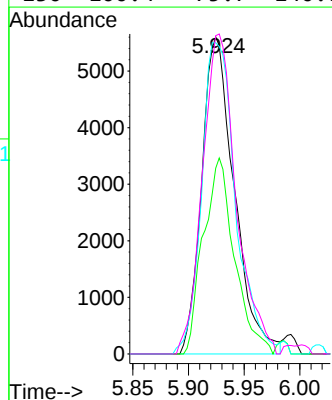
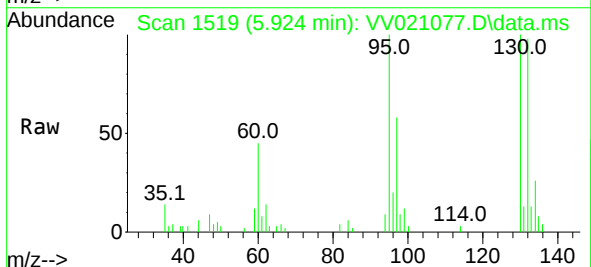
Instrument :
MSVOA_V
ClientSampled :

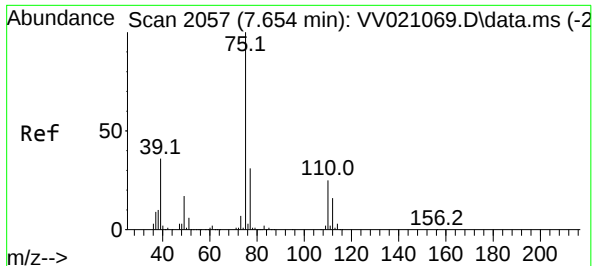
Tgt Ion: 73 Resp: 53221
Ion Ratio Lower Upper
73 100
43 21.5 14.7 22.1
57 25.3 15.9 23.9#



#34
Trichloroethene
Concen: 2.92 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV021077.D
Acq: 21 Apr 2021 14:49

Tgt Ion: 95 Resp: 11427
Ion Ratio Lower Upper
95 100
97 58.6 45.5 84.5
132 98.2 71.0 131.8
130 100.4 75.7 140.7

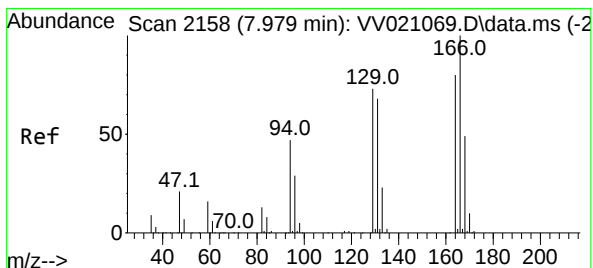
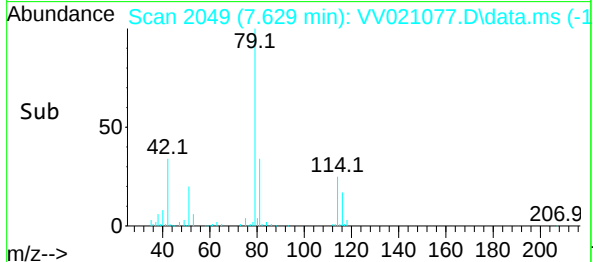
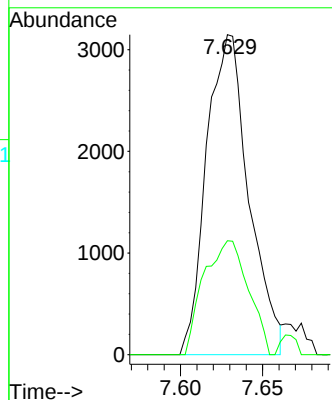
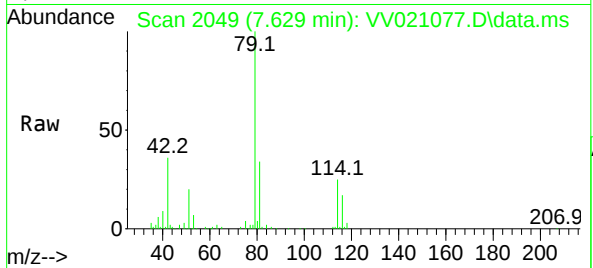




#44
trans-1,3-Dichloropropene
Concen: 0.96 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV021077.D
Acq: 21 Apr 2021 14:49

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 5640
Ion Ratio Lower Upper
75 100
77 35.6 21.8 40.6



#46
Tetrachloroethene
Concen: 23.00 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021077.D
Acq: 21 Apr 2021 14:49

Tgt Ion: 164 Resp: 80592
Ion Ratio Lower Upper
164 100
129 93.5 63.8 118.4
131 91.9 59.3 110.1
166 131.1 87.7 162.9

