

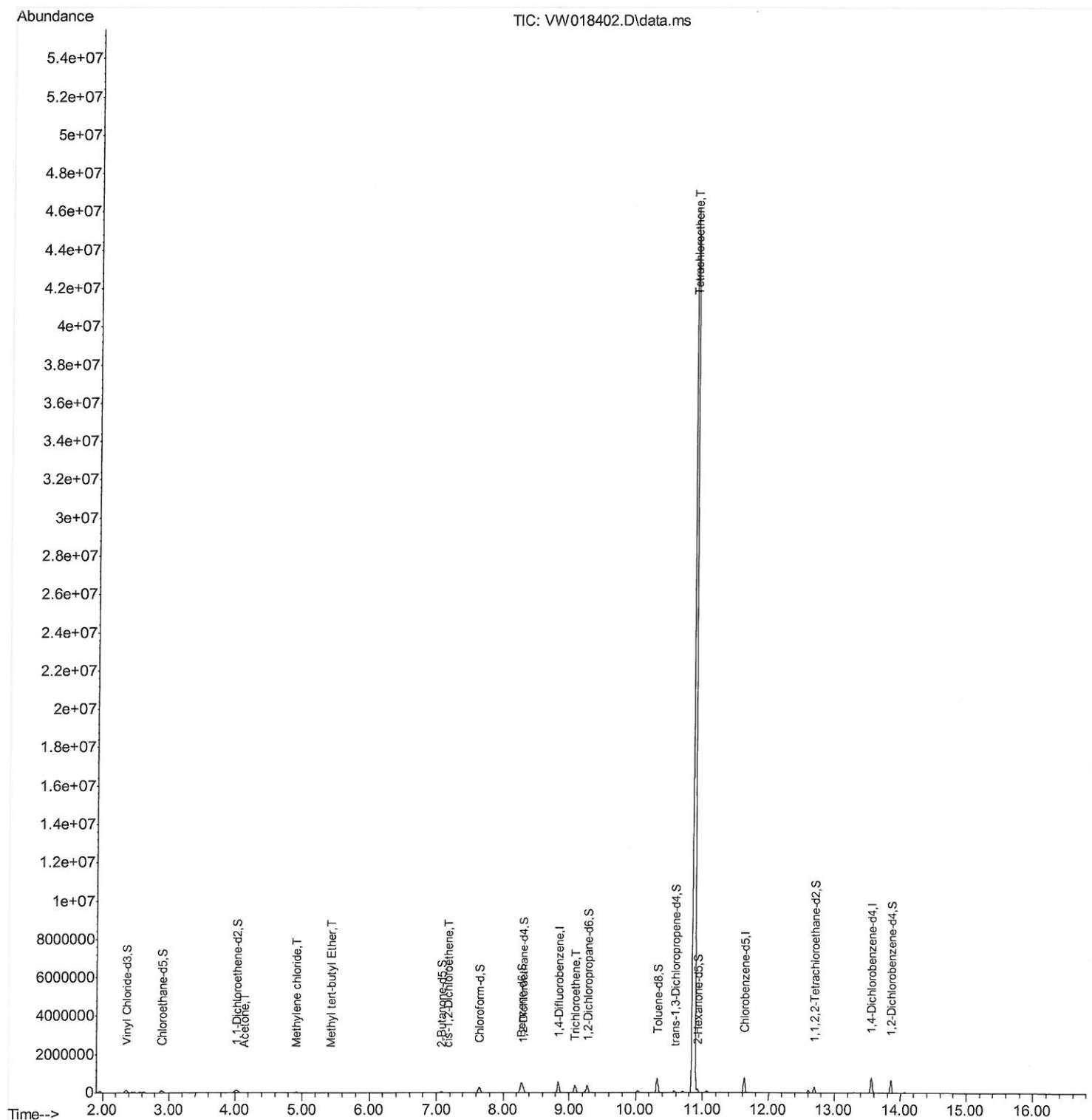
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018402.D
Acq On : 19 Mar 2021 21:40
Operator : SY/VA
Sample : M1698-15
Misc : 6.12G/10ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4L3

Manual Integrations
APPROVED

MMDadoda
3/22/2021 4:14:32 PM

Quant Time: Mar 20 04:00:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 03:58:53 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

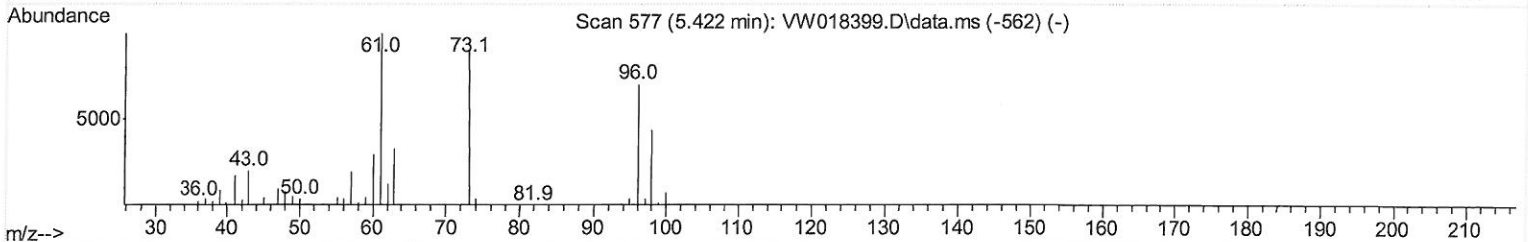
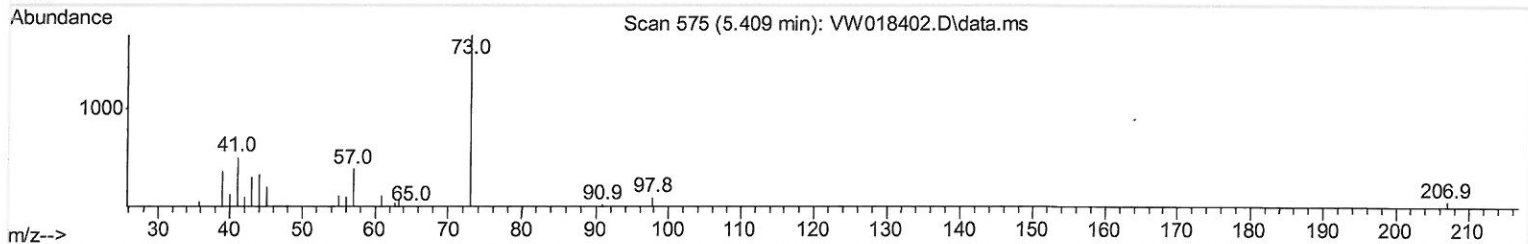
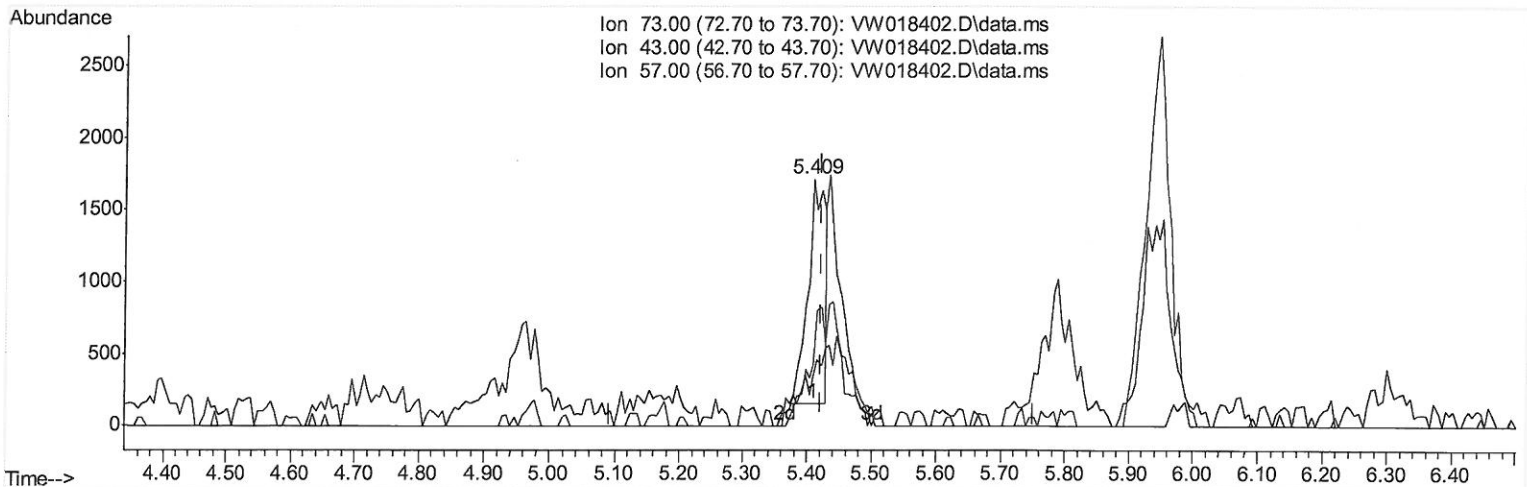
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TIC: VW018402.D\data.ms

(17) Methyl tert-butyl Ether (T)

5.409min (-0.012) 0.35 ug/L

response 2896

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.70	18.92
57.00	19.90	31.32#
0.00	0.00	0.00

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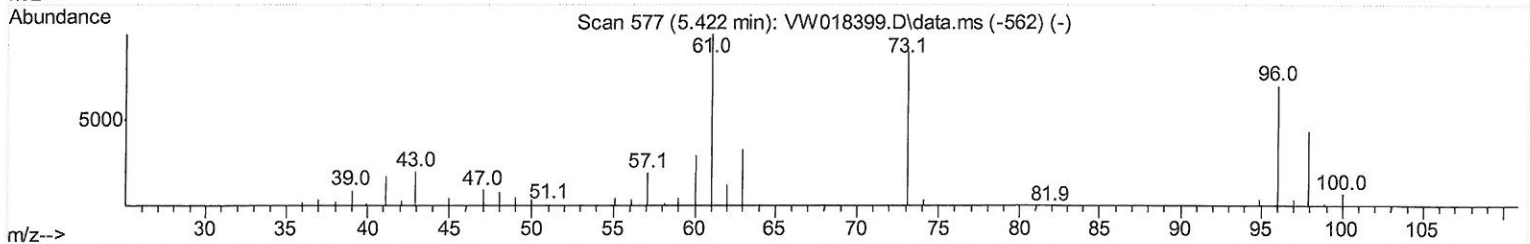
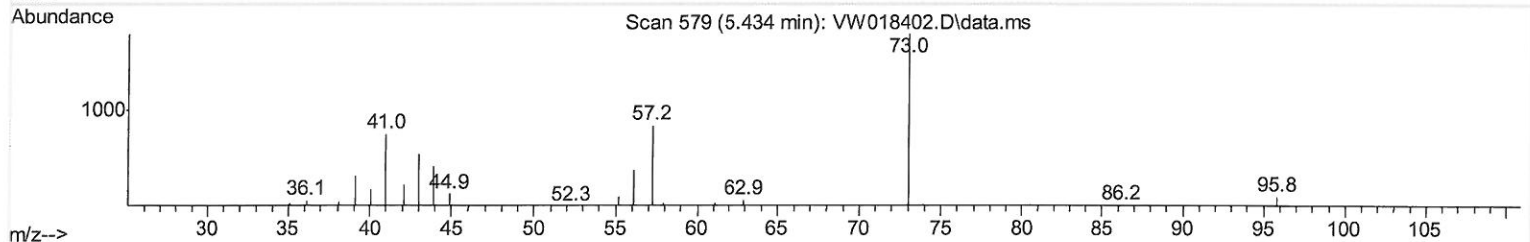
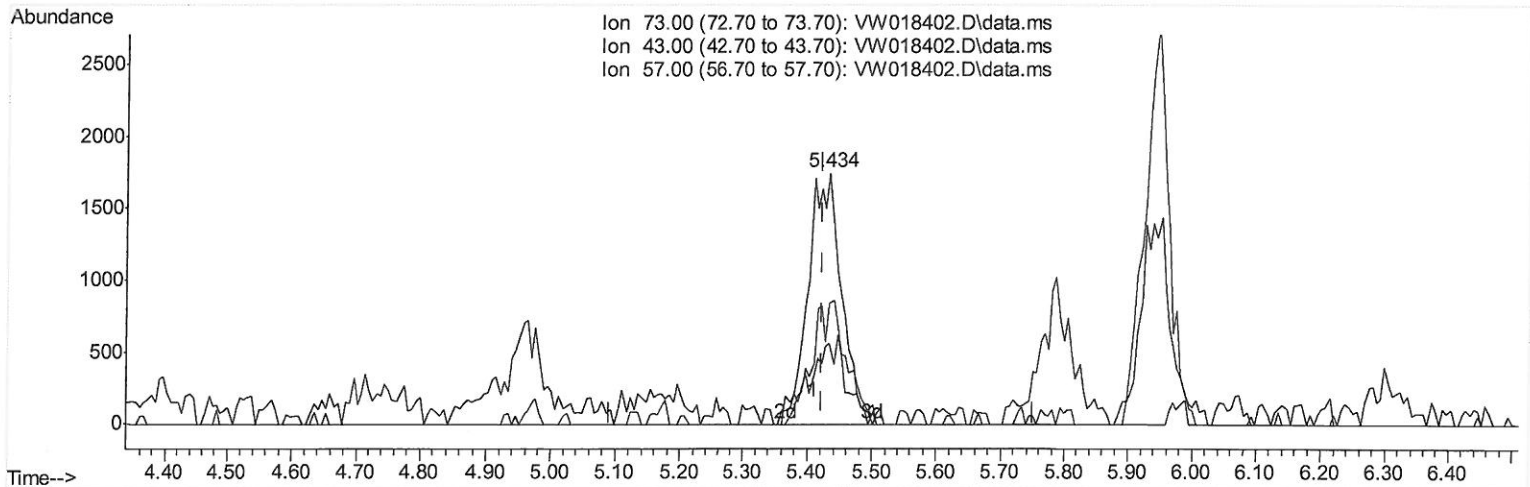
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TIC: VW018402.D\data.ms

(17) Methyl tert-butyl Ether (T)

5.434min (+ 0.012) 0.74 ug/L m

response 6160

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.70	8.90#
57.00	19.90	14.72#
0.00	0.00	0.00

7 MD
3/30/21

Quantitation Report (Qedit)

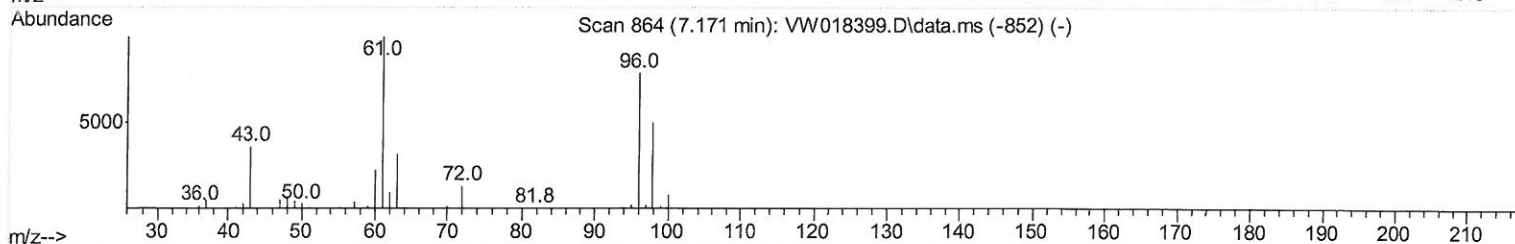
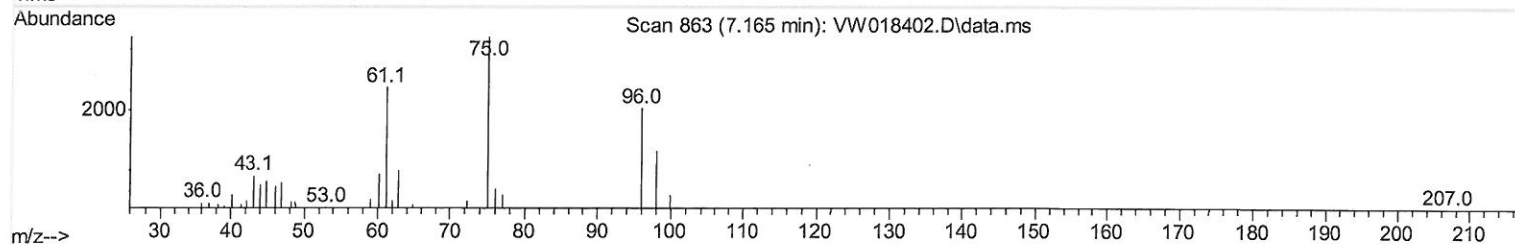
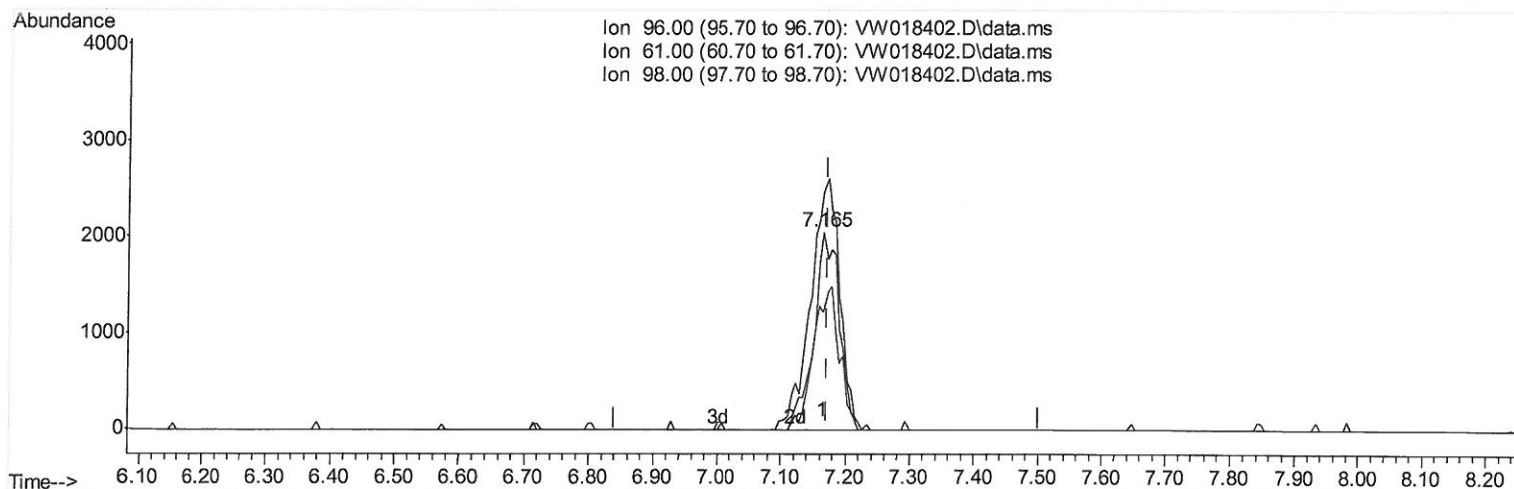
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TIC: VW018402.D\data.ms

(22) cis-1,2-Dichloroethene (T)

7.165min (-0.006) 0.81 ug/L m

response 5363

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	121.20	120.20
98.00	64.50	59.12
0.00	0.00	0.00

7 MB
3/30/21

Quantitation Report (Qedit)

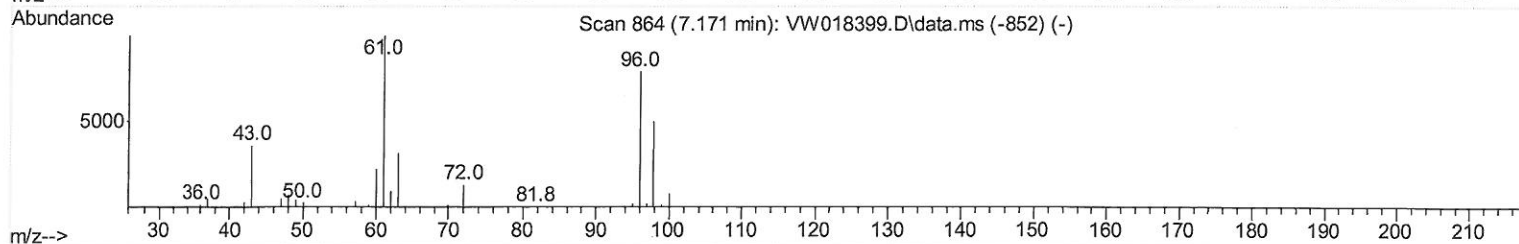
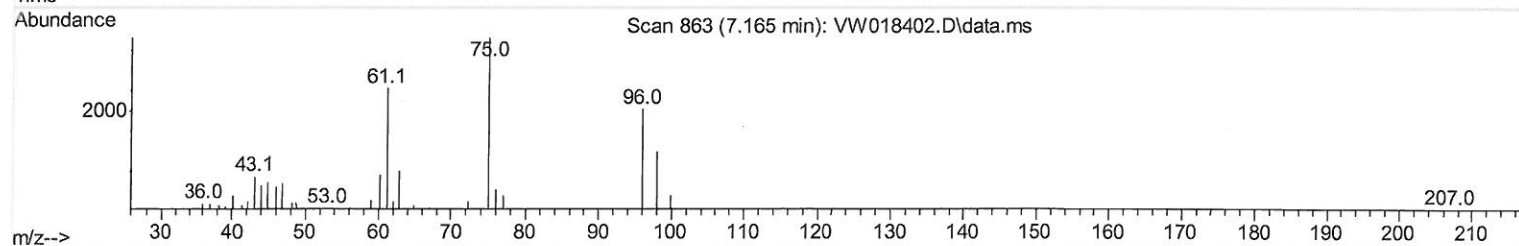
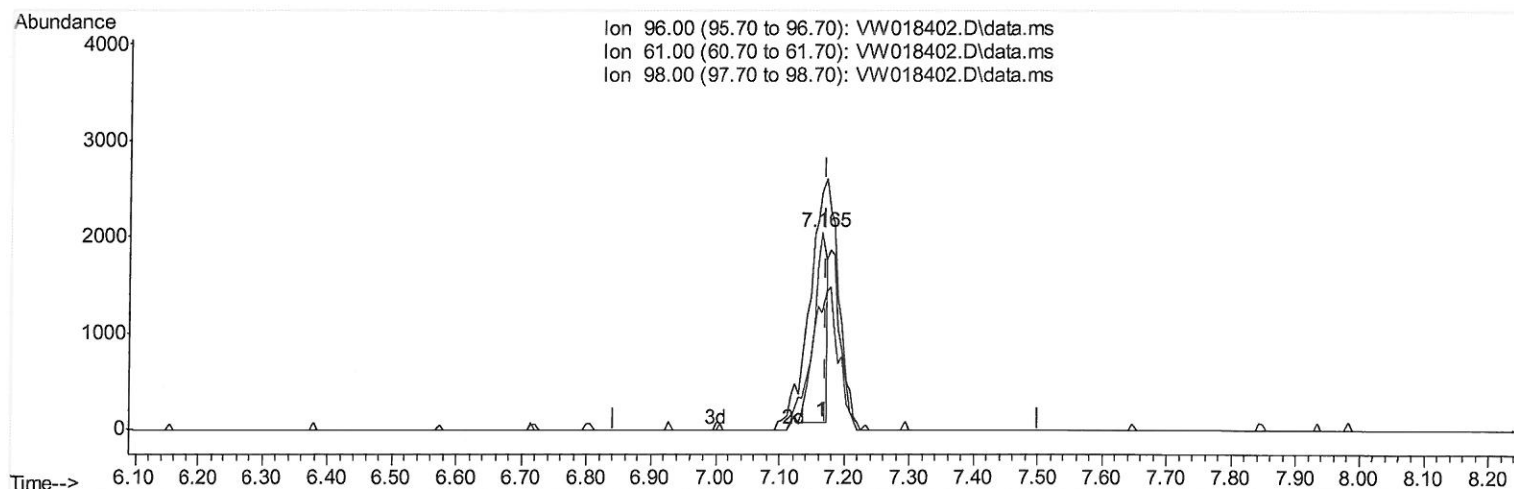
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TIC: VW018402.D\data.ms

(22) cis-1,2-Dichloroethene (T)

7.165min (-0.006) 0.41 ug/L

response 2727

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	121.20	120.20
98.00	64.50	59.12
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	456340	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	416381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	195349	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	155074	24.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.68%		
7) Chloroethane-d5	2.892	69	146767	26.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.60%		
10) 1,1-Dichloroethene-d2	4.026	63	187421	17.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.36%		
20) 2-Butanone-d5	7.074	46	78879	55.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.58%		
24) Chloroform-d	7.647	84	271406	23.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.40%		
26) 1,2-Dichloroethane-d4	8.305	65	176079	25.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.80%		
29) Benzene-d6	8.275	84	528076	23.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.44%		
33) 1,2-Dichloropropane-d6	9.275	67	157062	24.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.40%		
37) Toluene-d8	10.323	98	494007	23.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.72%		
38) trans-1,3-Dichloroprop...	10.579	79	41477	12.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	50.40%		
39) 2-Hexanone-d5	10.927	63	60295	48.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.50%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	143073	25.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	157329	22.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.60%		
Target Compounds						
13) Acetone	4.129	43	11305	11.13	ug/L	92
16) Methylene chloride	4.916	84	24163	3.23	ug/L	87
17) Methyl tert-butyl Ether	5.434	73	6160m	0.74	ug/L	7
22) cis-1,2-Dichloroethene	7.165	96	5363m	0.81	ug/L	me
35) Trichloroethene	9.092	95	130149	19.54	ug/L	99
47) Tetrachloroethene	10.860	164	11007471	2175.96	ug/L	89

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