

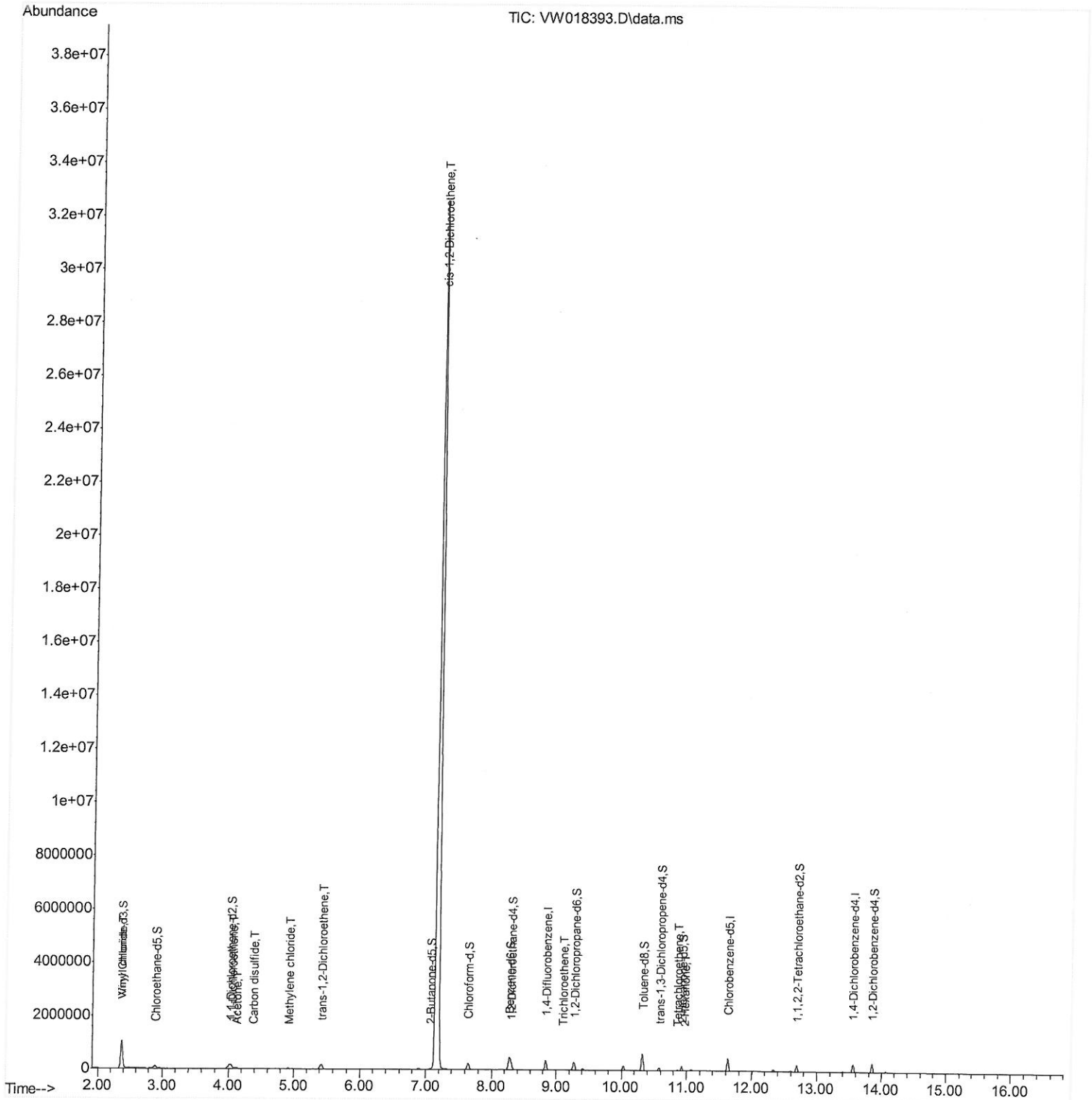
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018393.D
Acq On : 19 Mar 2021 16:52
Operator : SY/VA
Sample : M1685-22
Misc : 5.92G/10ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4H0

Manual Integrations
APPROVED

MMDadoda
3/22/2021 4:14:10 PM

Quant Time: Mar 20 01:42:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 01:36:44 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

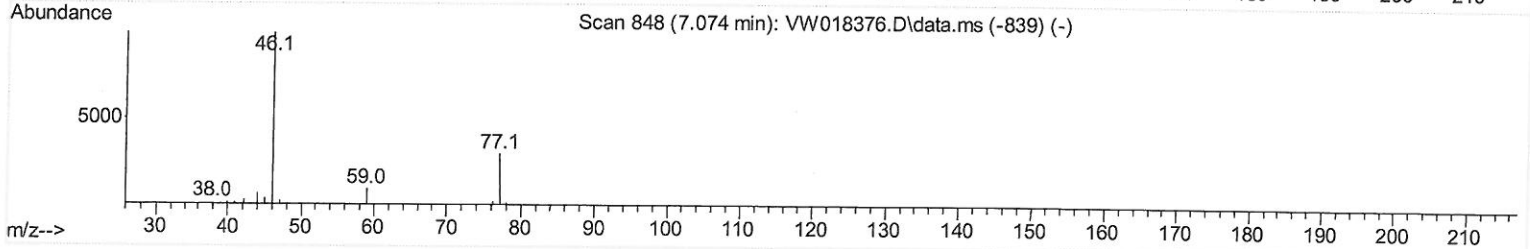
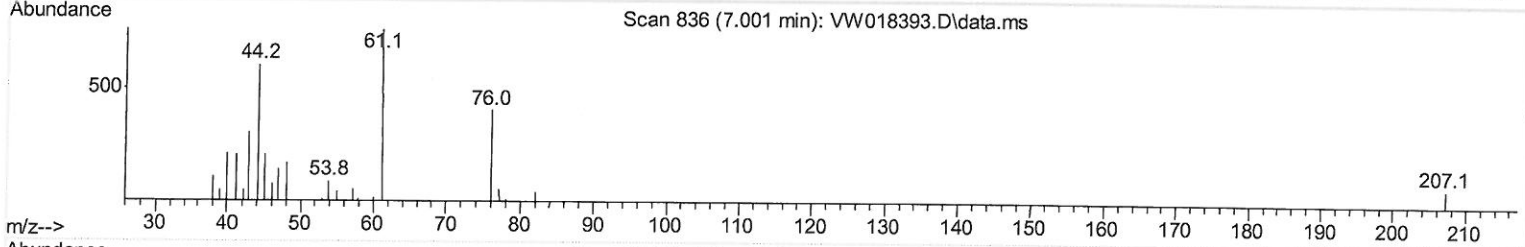
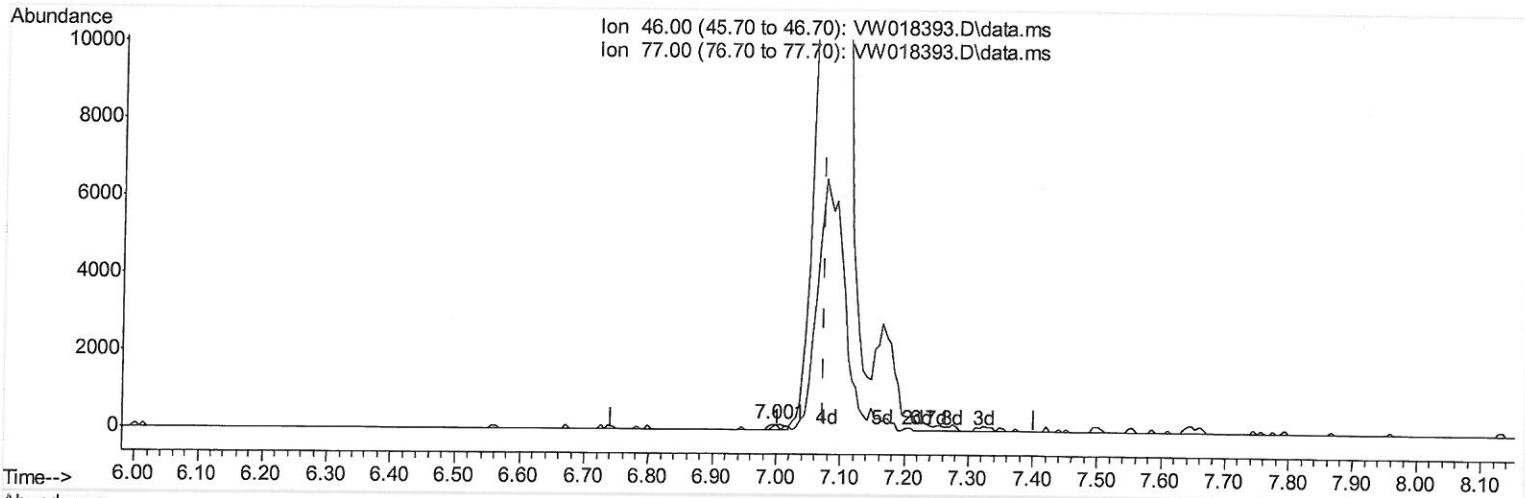
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TIC: VW018393.D\data.ms

(20) 2-Butanone-d5 (S)

7.001min (-0.073) 0.22 ug/L

response 214

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	27.20	28.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

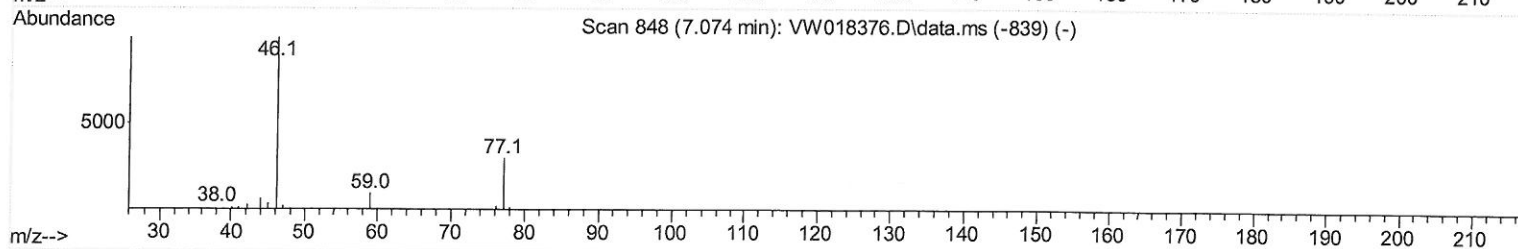
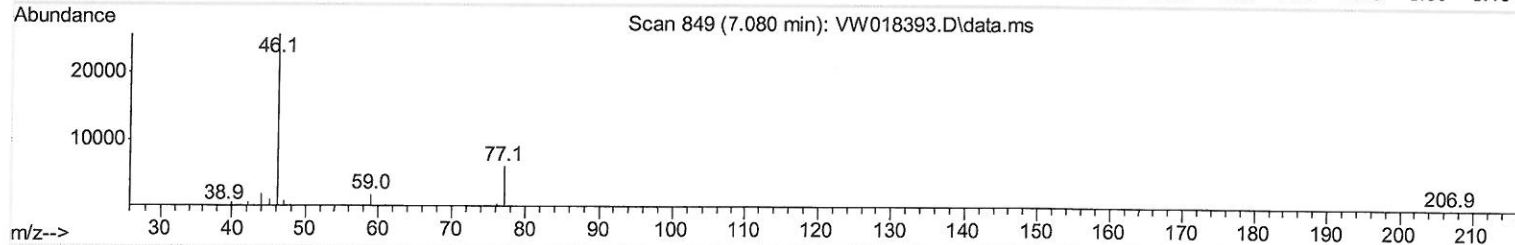
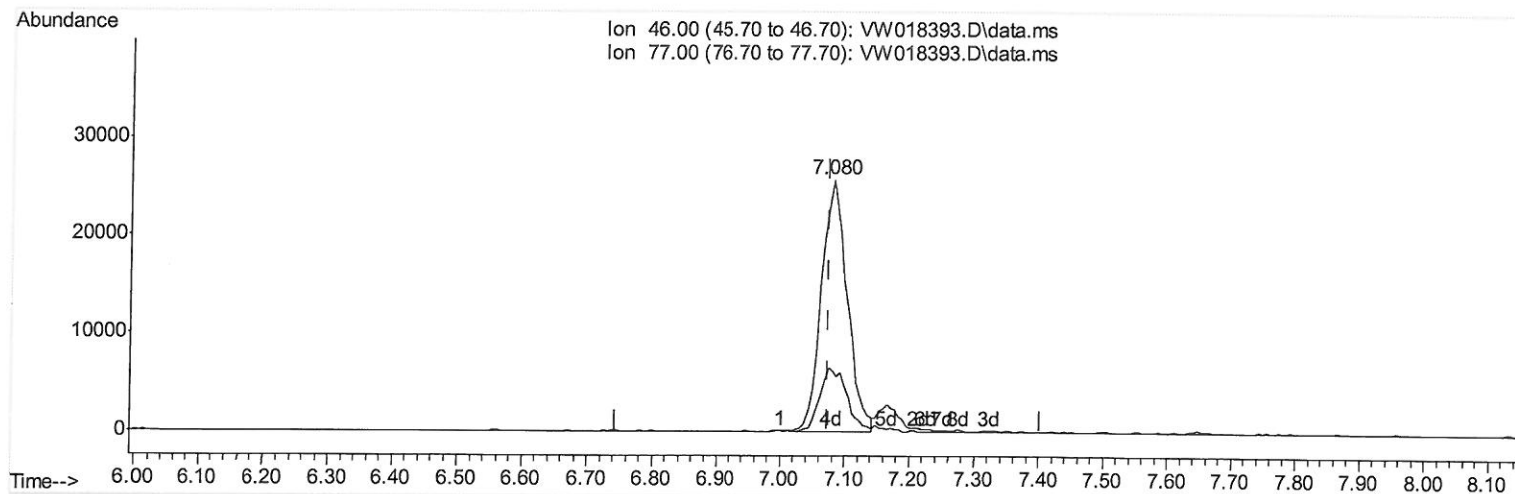
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TIC: VW018393.D\data.ms

(20) 2-Butanone-d5 (S)

7.080min (+ 0.006) 73.75 ug/L m

response 71437

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	27.20	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

7 mg
 3/30/21

Quantitation Report (Qedit)

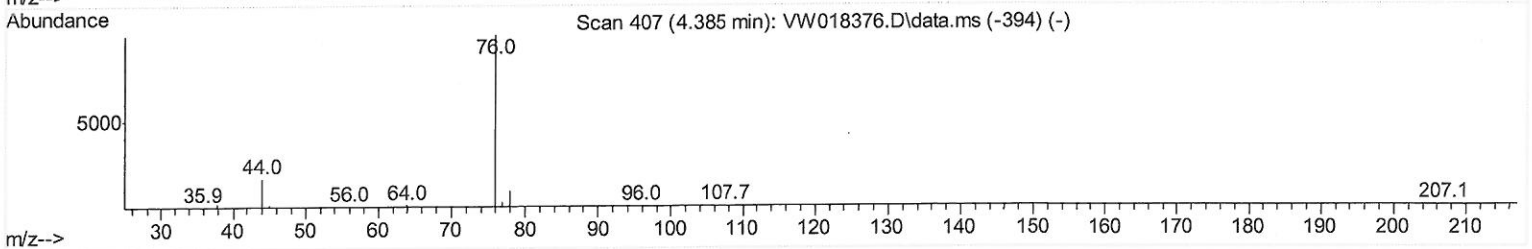
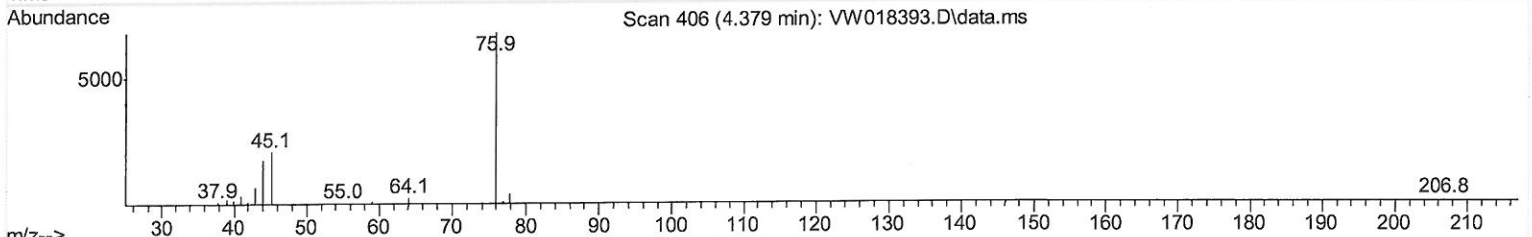
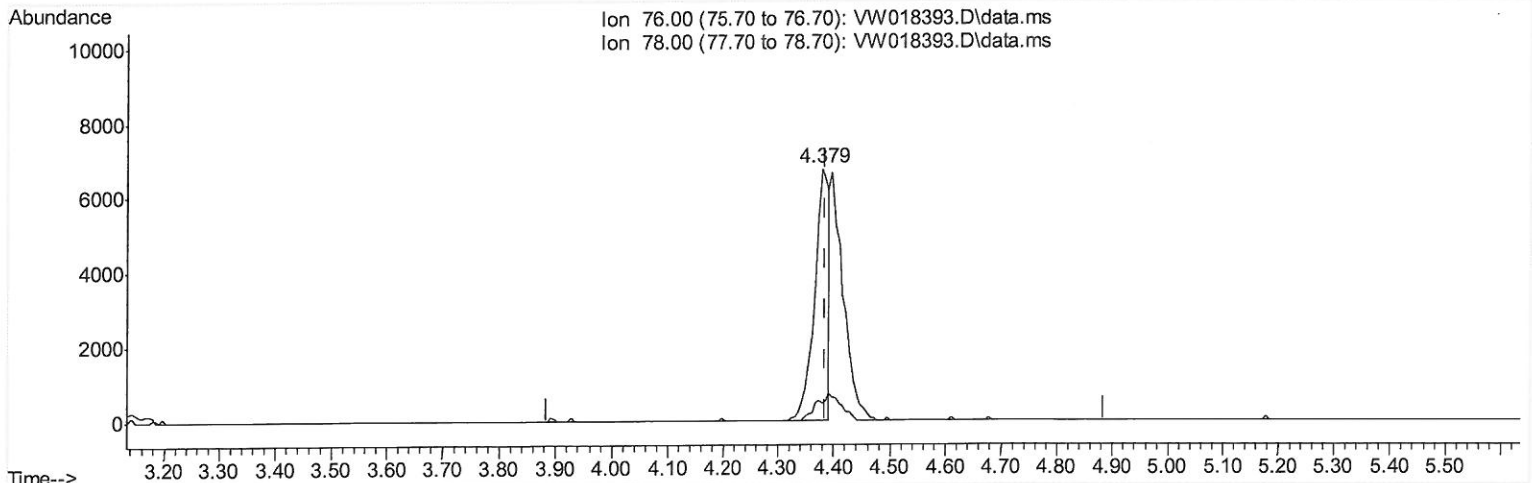
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TIC: VW018393.D\data.ms

(14) Carbon disulfide (T)

4.379min (-0.006) 1.04 ug/L

response 12317

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.30	6.55#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

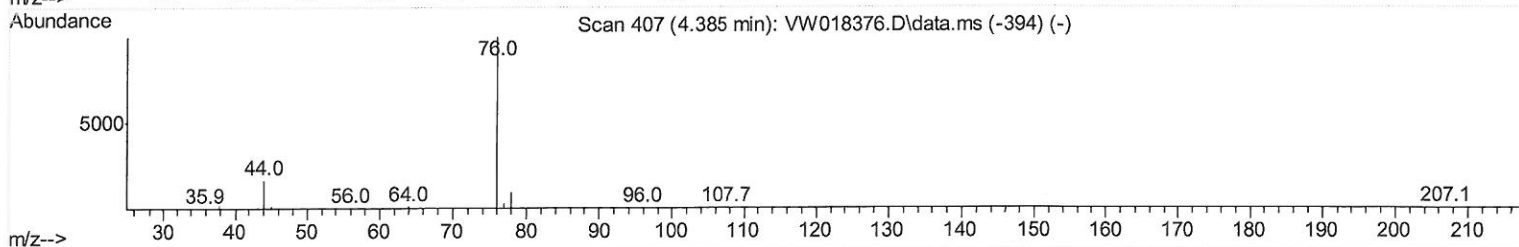
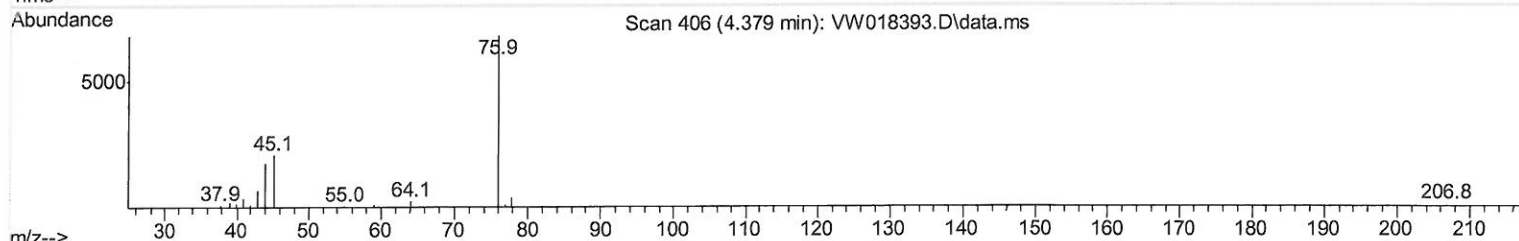
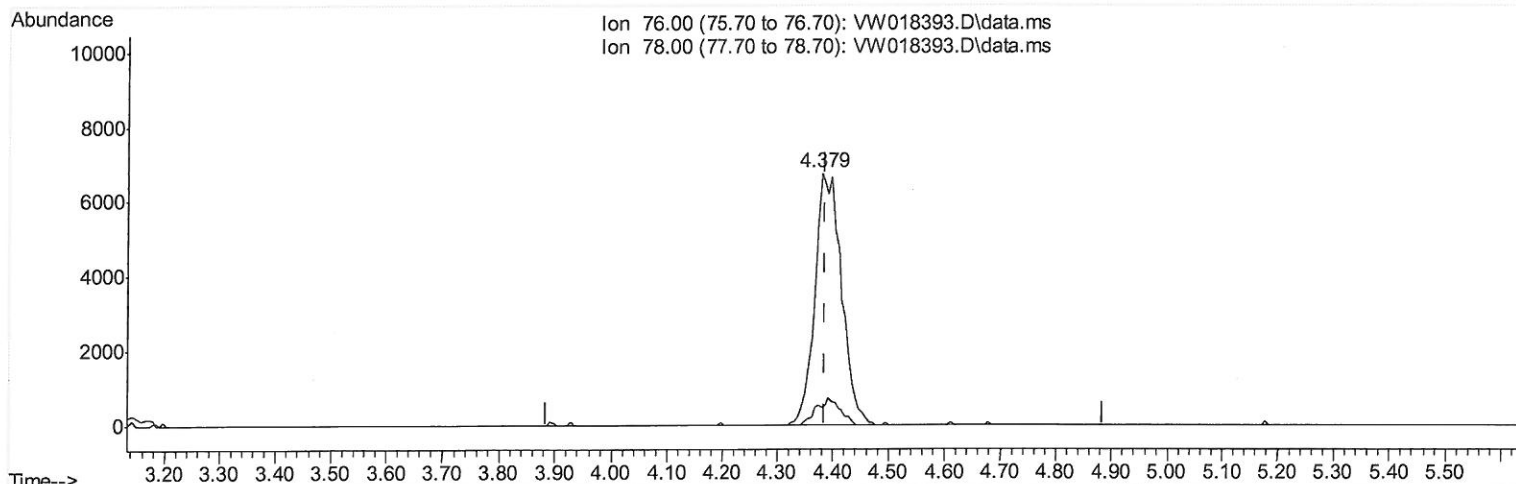
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 Data File : VW018393.D
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 Sample : M1685-22
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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TIC: VW018393.D\data.ms

(14) Carbon disulfide (T)

4.379min (-0.006) 1.89 ug/L m

response 22297

Ion Exp% Act%

76.00 100.00 100.00

78.00 9.30 6.55#

0.00 0.00 0.00

0.00 0.00 0.00

2 mg
 3/30/21

Quantitation Report (Qedit)

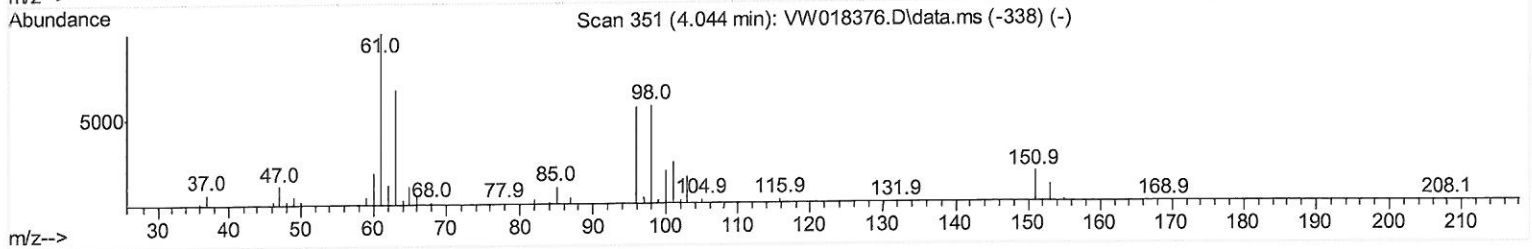
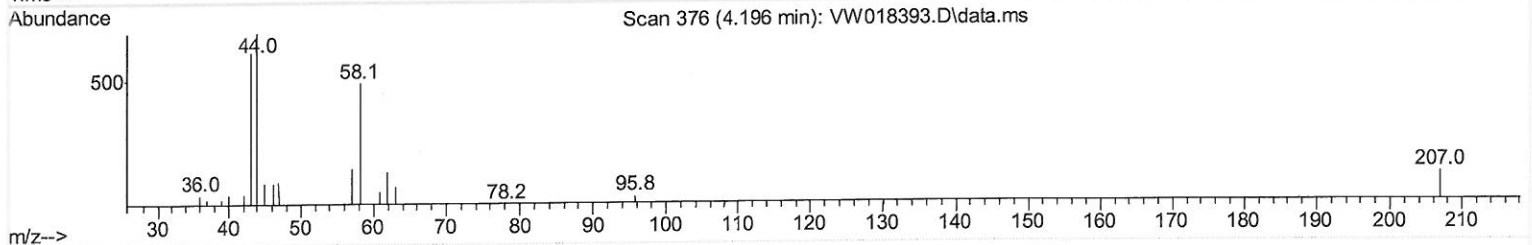
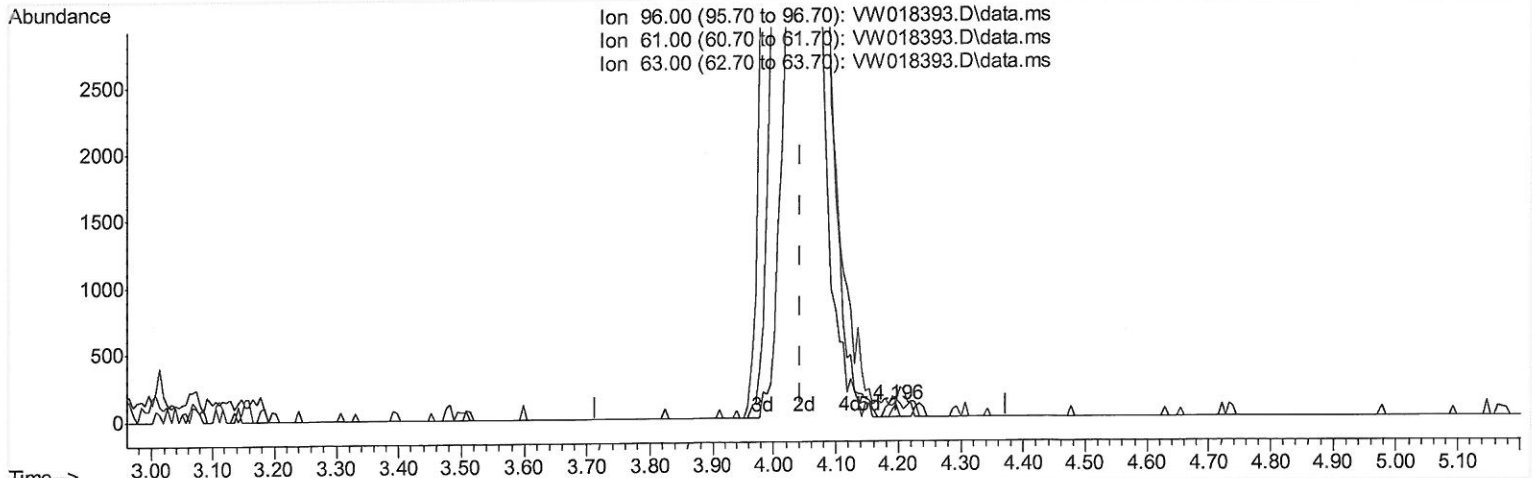
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 Acq On : 19 Mar 2021 16:52
 Operator : SY/VA
 Sample : M1685-22
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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TIC: VW018393.D\data.ms

(12) 1,1-Dichloroethene (T)

4.196min (+ 0.153) 0.01 ug/L

response 51

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	169.40	127.06
63.00	117.70	144.71
0.00	0.00	0.00

Quantitation Report (Qedit)

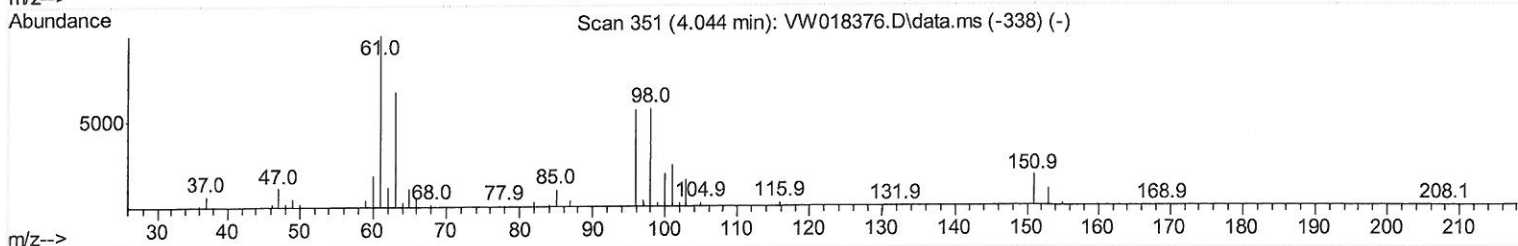
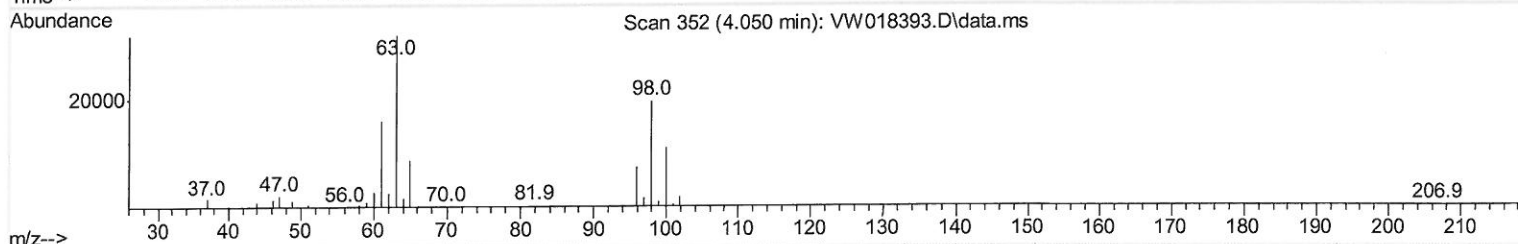
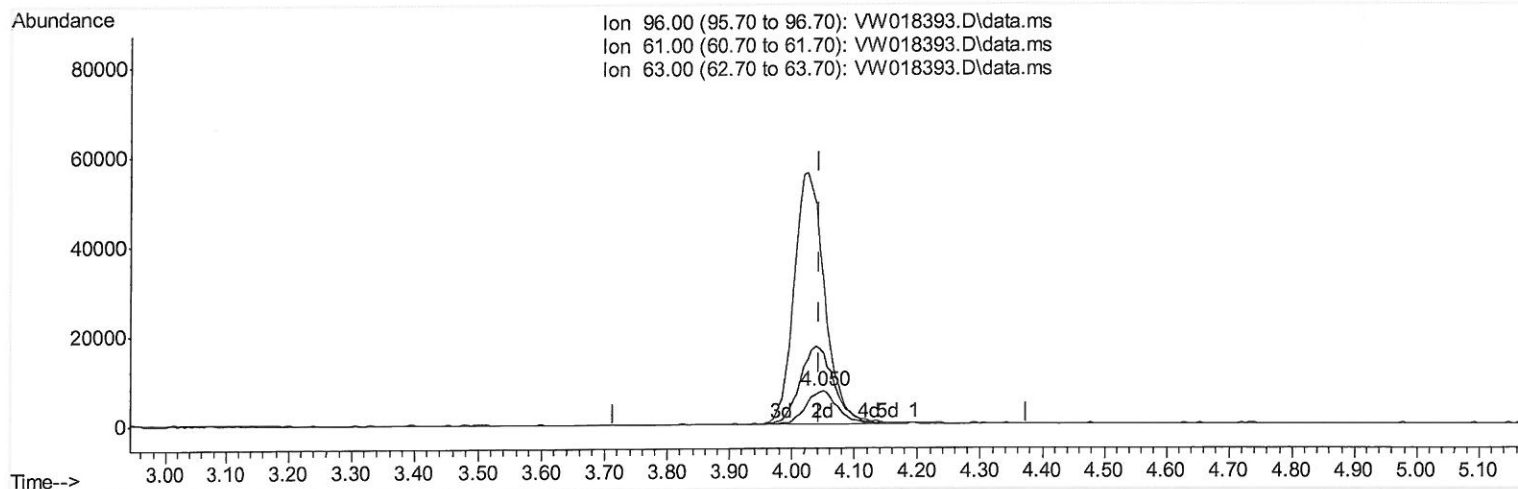
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 Data File : VW018393.D
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 Operator : SY/VA
 Sample : M1685-22
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H0

Manual Integrations
 APPROVED

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 3/22/2021 4:14:10 PM

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TIC: VW018393.D\data.ms

(12) 1,1-Dichloroethene (T)

4.050min (+ 0.006) 6.24 ug/L m

response 24498

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	169.40	220.90#
63.00	117.70	441.10#
0.00	0.00	0.00

7 m
 3/30/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
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 Operator : SY/VA
 Sample : M1685-22
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG4H0

Manual Integrations
 APPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	312638	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	243369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	74509	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166242	38.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 152.84%#			
7) Chloroethane-d5	2.892	69	137273	36.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 144.20%			
10) 1,1-Dichloroethene-d2	4.025	63	189541	25.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.92%			
20) 2-Butanone-d5	7.080	46	71437m	73.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 147.50%#			
24) Chloroform-d	7.647	84	240317	30.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 120.72%			
26) 1,2-Dichloroethane-d4	8.305	65	148235	31.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.56%			
29) Benzene-d6	8.275	84	471753	36.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 145.84%#			
33) 1,2-Dichloropropane-d6	9.275	67	138772	37.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 148.72%#			
37) Toluene-d8	10.323	98	411011	32.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 131.96%#			
38) trans-1,3-Dichloroprop...	10.579	79	56808	29.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 118.08%			
39) 2-Hexanone-d5	10.927	63	55666	76.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.44%#			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	109622	32.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.36%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	81808	30.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.52%#			

3 MD
 3/30/21

Target Compounds					Qvalue
5) Vinyl chloride	2.367	62	1286381	216.43	ug/L 98
12) 1,1-Dichloroethene	4.050	96	24498m	6.24	ug/L 93
13) Acetone	4.123	43	53682	77.15	ug/L 93
14) Carbon disulfide	4.379	76	22297m	1.89	ug/L 90
16) Methylene chloride	4.922	84	20335	3.97	ug/L 98
18) trans-1,2-Dichloroethene	5.428	96	113460	26.19	ug/L 95
22) cis-1,2-Dichloroethene	7.171	96	18024809	3955.37	ug/L 97
35) Trichloroethene	9.098	95	1933	0.50	ug/L 91
47) Tetrachloroethene	10.860	164	4158	1.41	ug/L 87
49) 2-Hexanone	10.969	43	6080	4.14	ug/L #

3 MD
 3/30/21

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