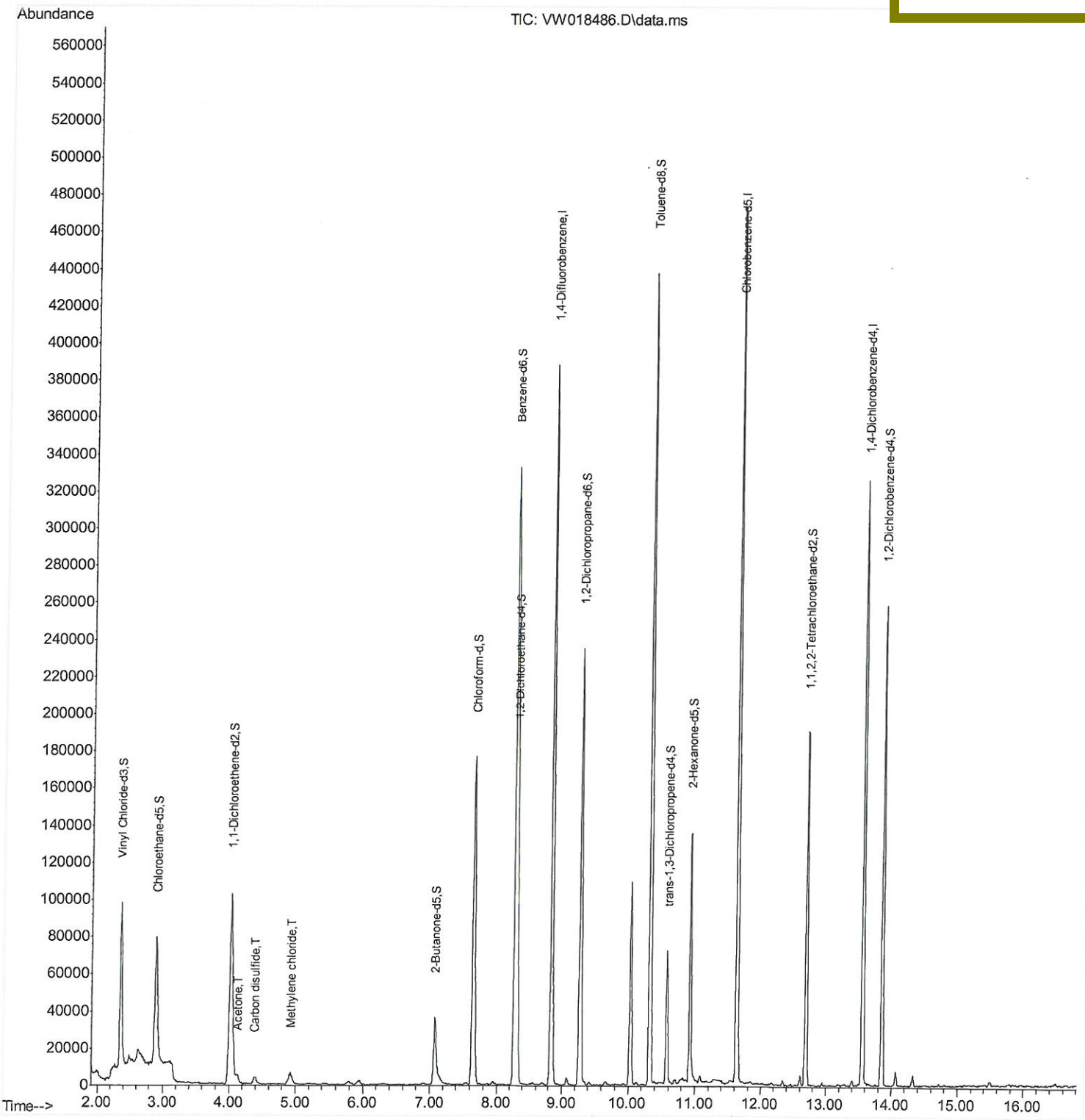
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
Data File : VW018486.D
Acq On : 29 Mar 2021 15:17
Operator : SY/VA
Sample : M1816-17
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 30 03:13:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 30 03:10:03 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
MMDadoda
3/31/2021 10:55:56 AM



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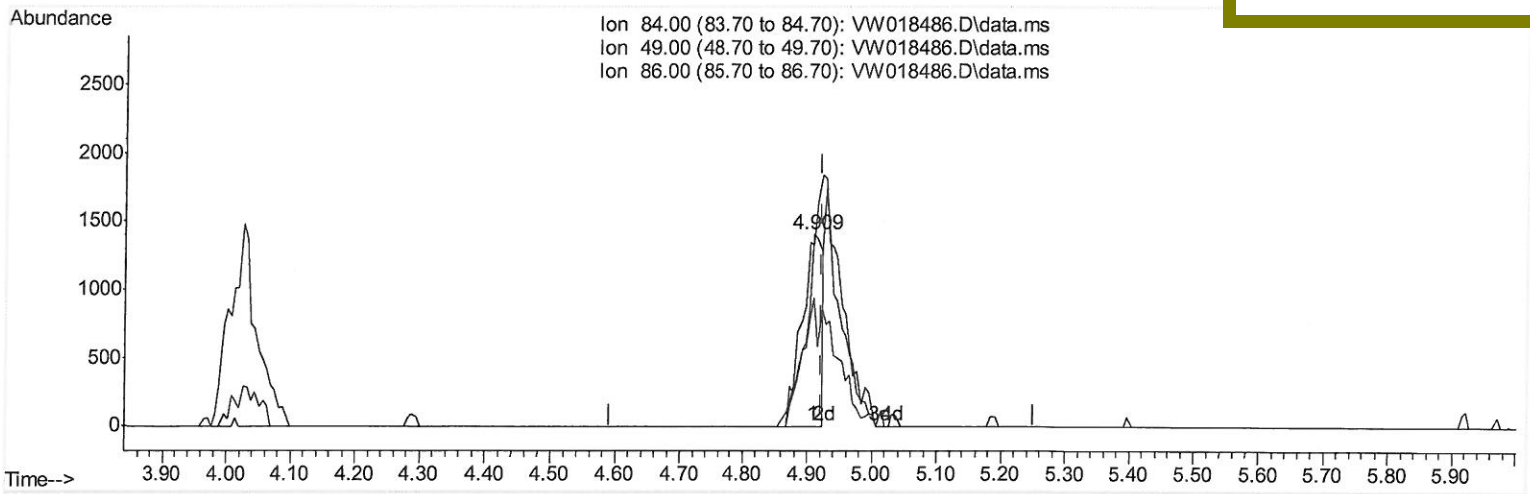

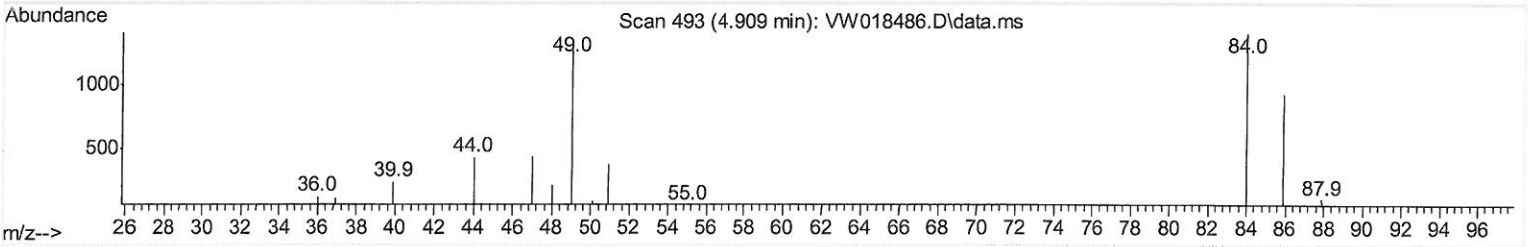

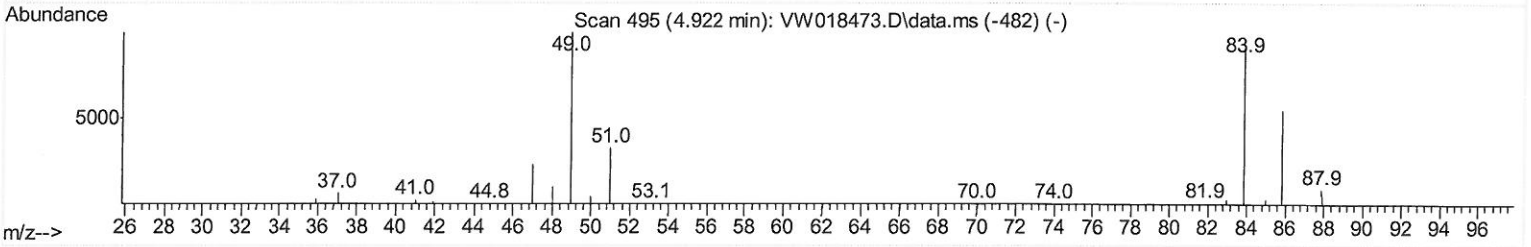

TIC: VW018486.D\data.ms

(16) Methylene chloride (T)

4.909min (-0.012) 0.49 ug/L

response 2566

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	94.02
86.00	65.90	66.60
0.00	0.00	0.00

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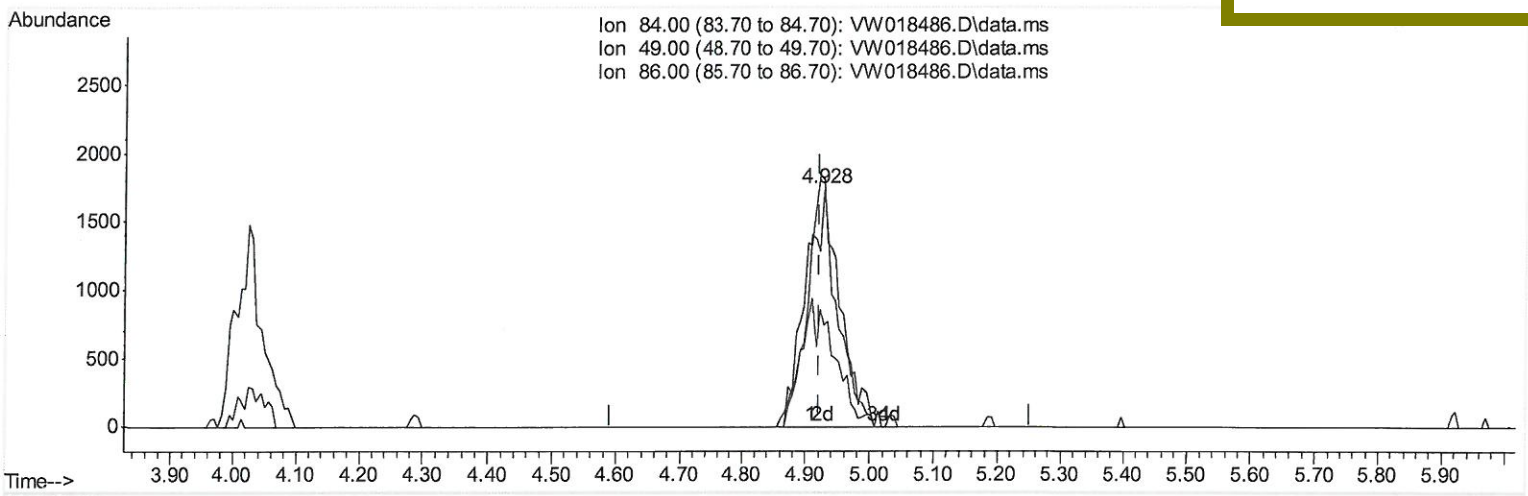

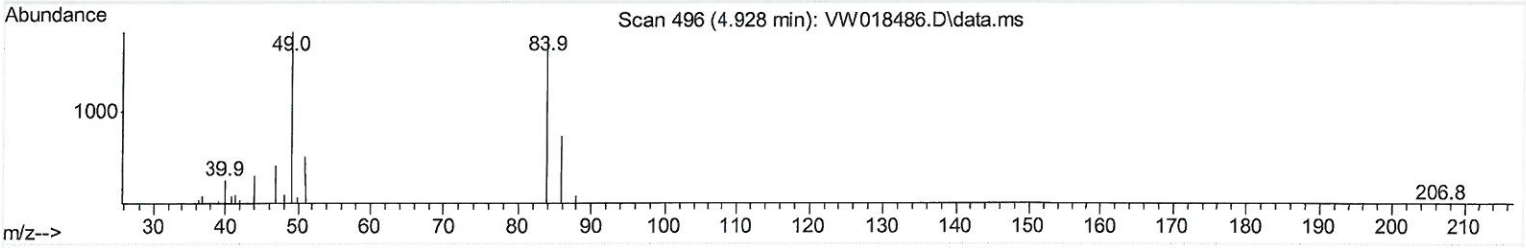

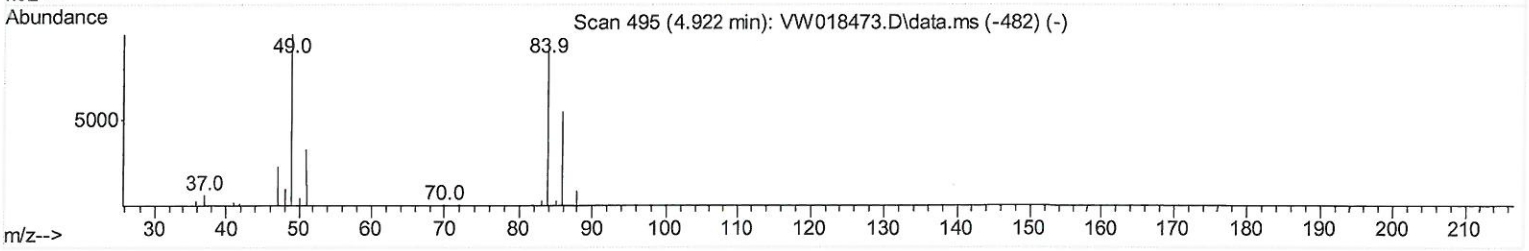

TIC: VW018486.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.006) 1.07 ug/L m

response 5599

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	103.91
86.00	65.90	42.68#
0.00	0.00	0.00

MD 4/12/21

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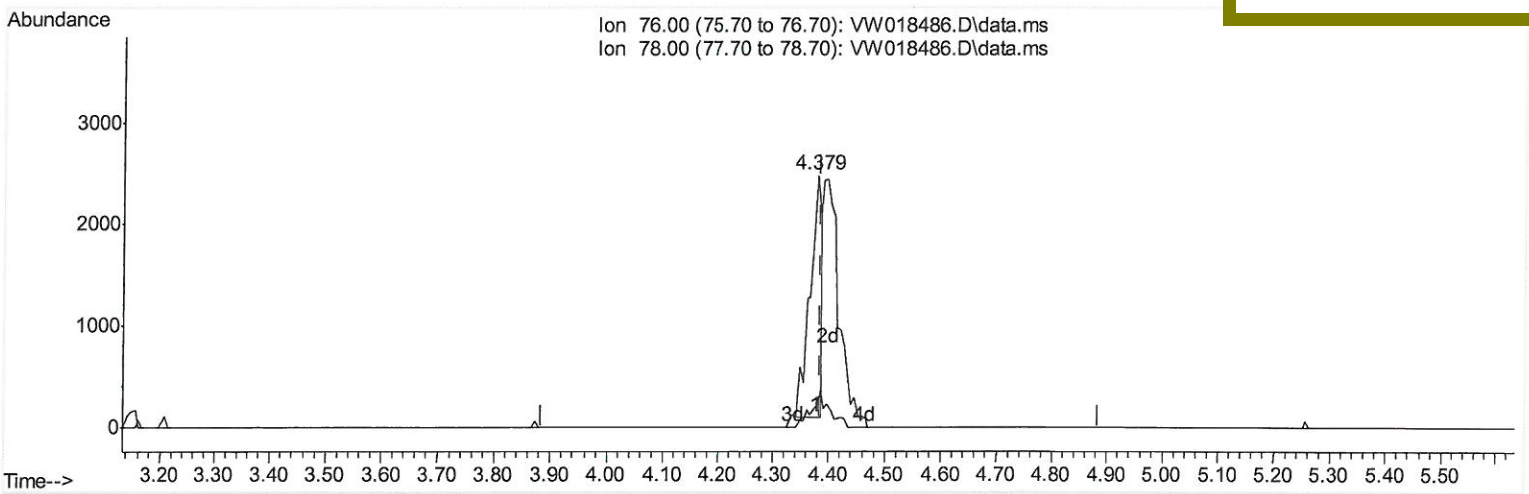

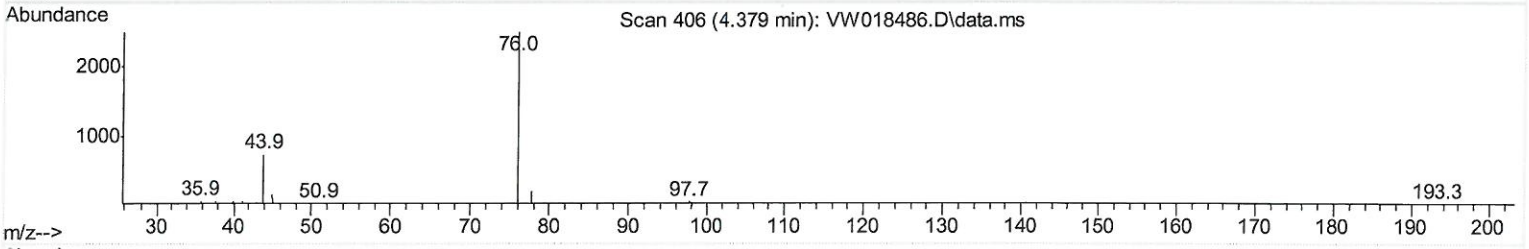

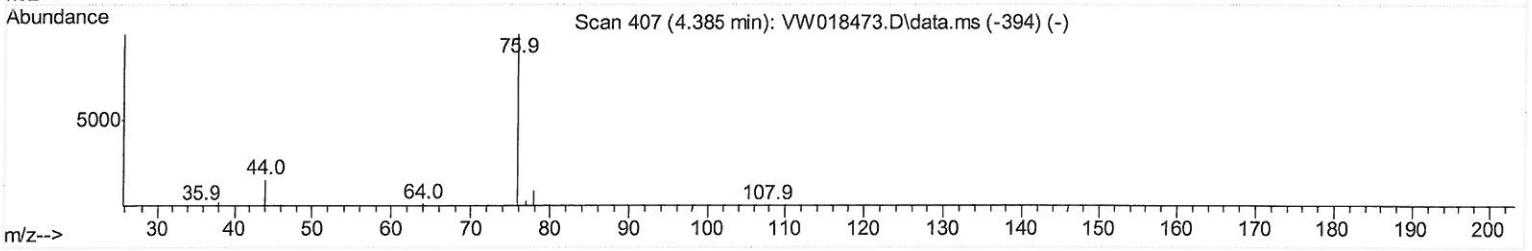

TIC: VW018486.D\data.ms

(14) Carbon disulfide (T)

4.379min (-0.006) 0.28 ug/L

response 3395

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.30	9.11
0.00	0.00	0.00
0.00	0.00	0.00

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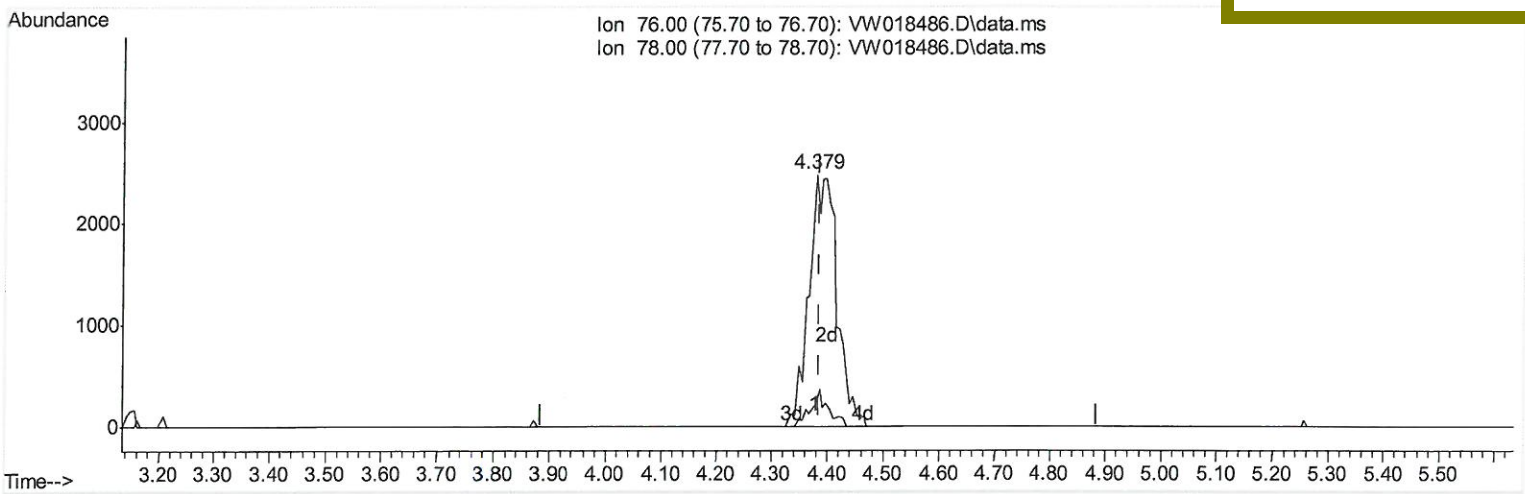

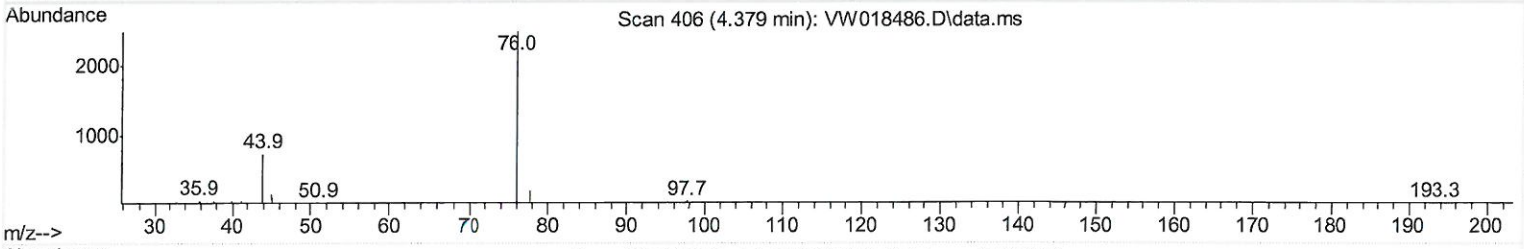

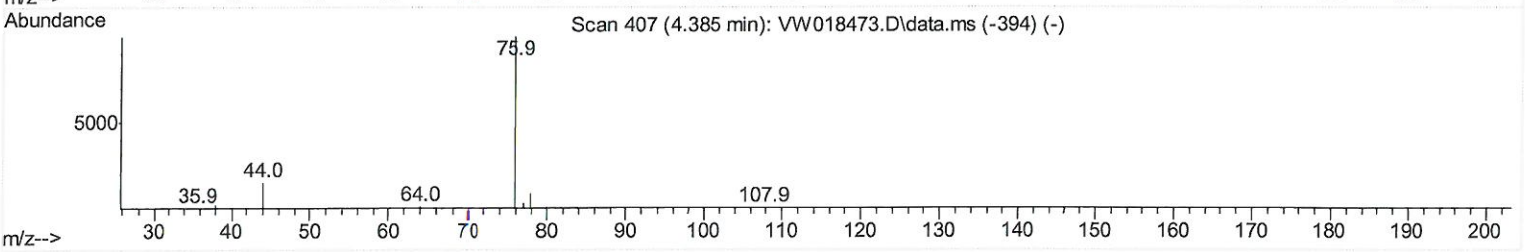

TIC: VW018486.D\data.ms

(14) Carbon disulfide (T)

4.379min (-0.006) 0.70 ug/L m

response 8520

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.30	9.11
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/12/21

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3/31/2021 10:55:56 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320377	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	256887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	79320	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104516	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.76%			
7) Chloroethane-d5	2.892	69	91314	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.60%			
10) 1,1-Dichloroethene-d2	4.025	63	116851	15.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.72%			
20) 2-Butanone-d5	7.074	46	59150	59.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.18%			
24) Chloroform-d	7.653	84	179755	22.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.12%			
26) 1,2-Dichloroethane-d4	8.305	65	111179	23.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%			
29) Benzene-d6	8.275	84	337818	24.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.96%			
33) 1,2-Dichloropropane-d6	9.275	67	100624	25.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.16%			
37) Toluene-d8	10.323	98	287131	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.36%			
38) trans-1,3-Dichloroprop...	10.579	79	37185	18.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.20%			
39) 2-Hexanone-d5	10.927	63	46495	60.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.62%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	92386	26.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.88%			
61) 1,2-Dichlorobenzene-d4	13.853	152	61571	21.83	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.32%			
Target Compounds						Qvalue
13) Acetone	4.123	43	7152	10.03	ug/L	82
14) Carbon disulfide	4.379	76	8520m	0.70	ug/L	
16) Methylene chloride	4.928	84	5599m	1.07	ug/L	

MD 4/12/21

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