

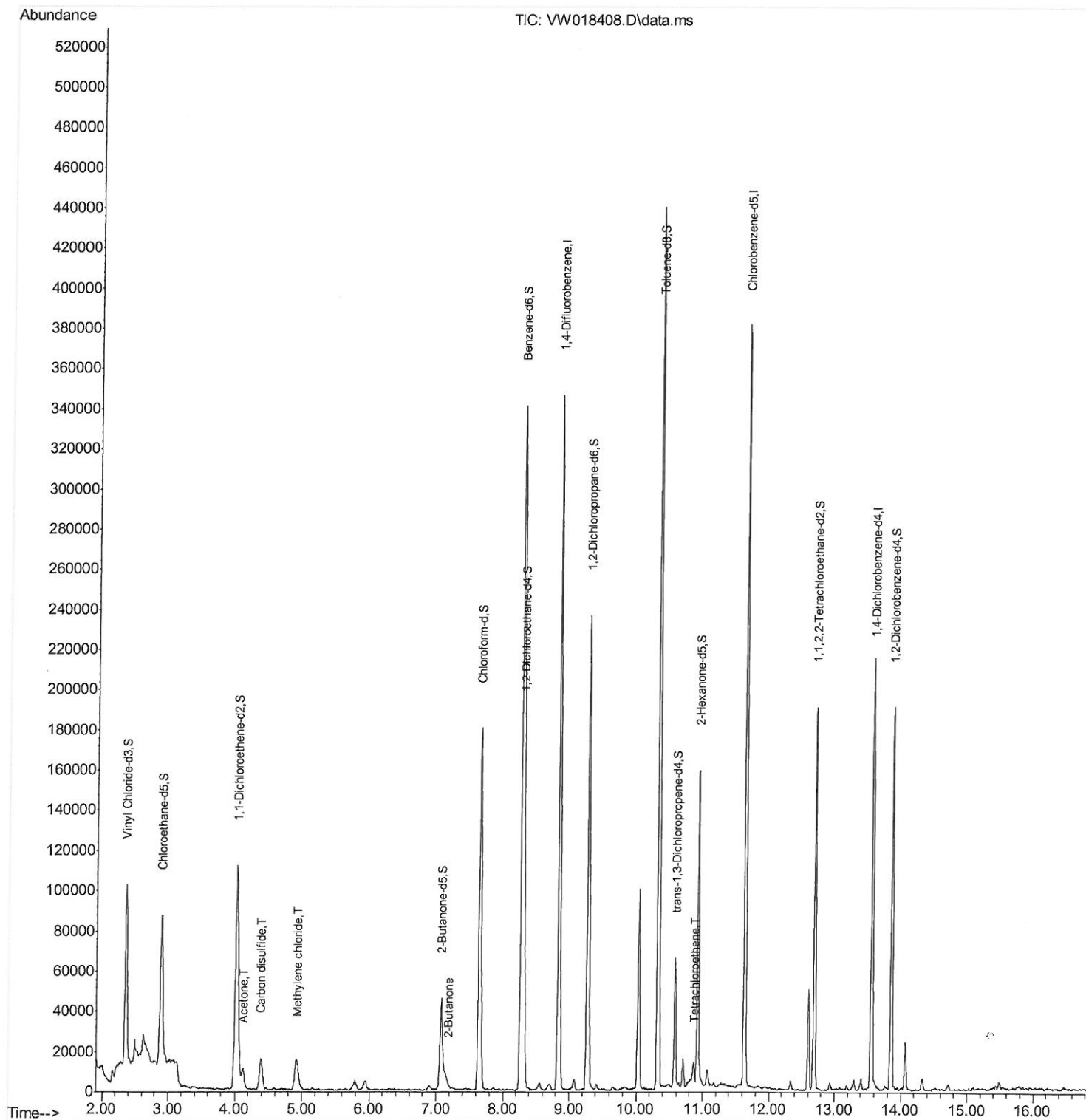
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018408.D
Acq On : 20 Mar 2021 00:03
Operator : SY/VA
Sample : M1685-09RE
Misc : 4.84G/10ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG495RE

Manual Integrations
APPROVED

MMDadoda
3/22/2021 4:14:15 PM

Quant Time: Mar 20 04:02:11 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)

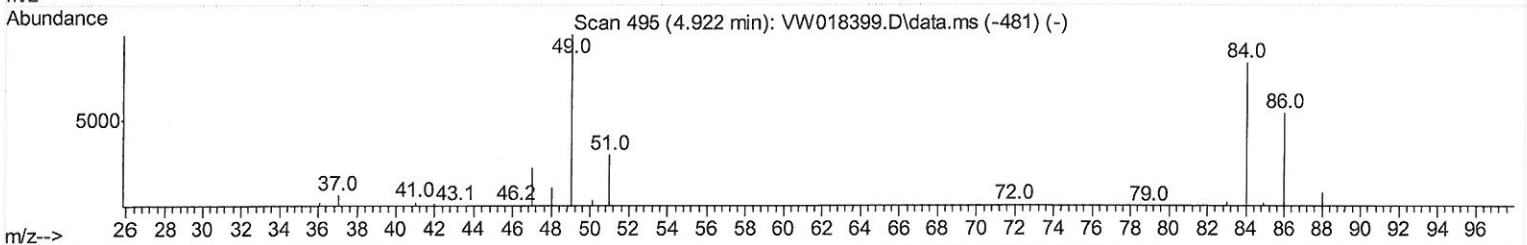
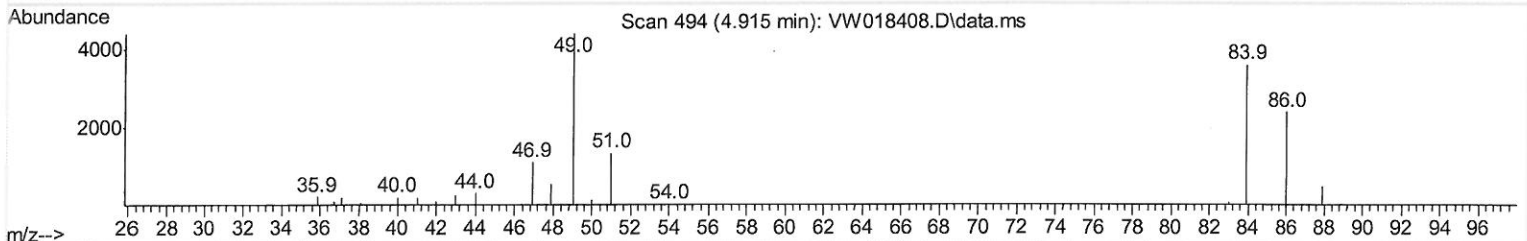
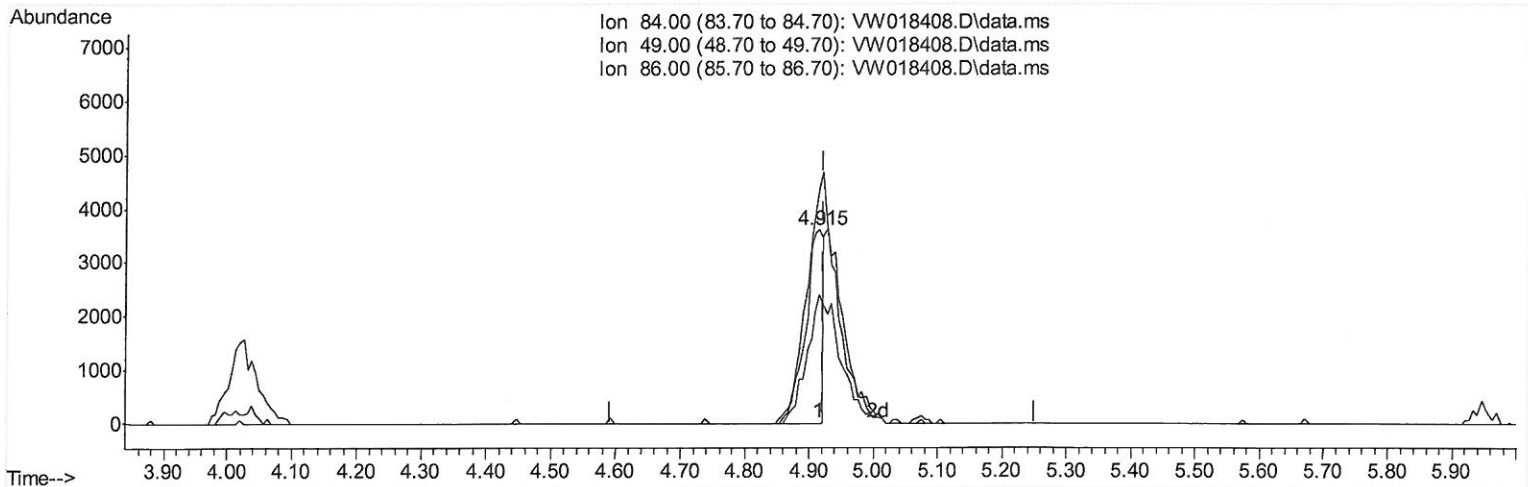
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TIC: VW018408.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.006) 1.56 ug/L

response 7256

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	122.14
86.00	65.90	66.60
0.00	0.00	0.00

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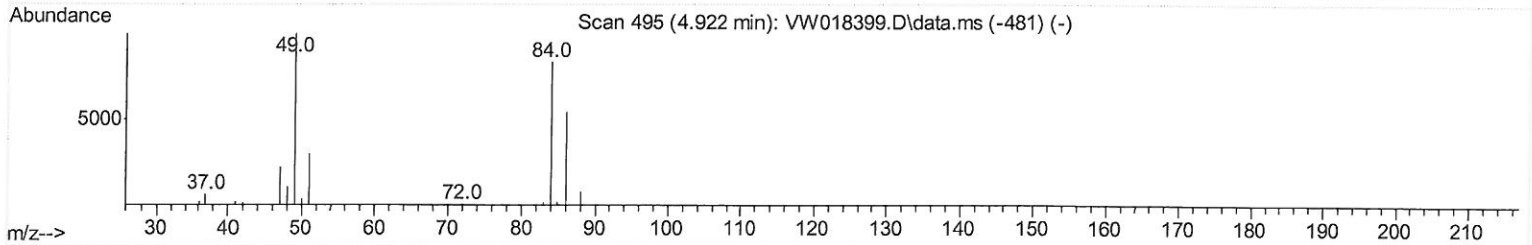
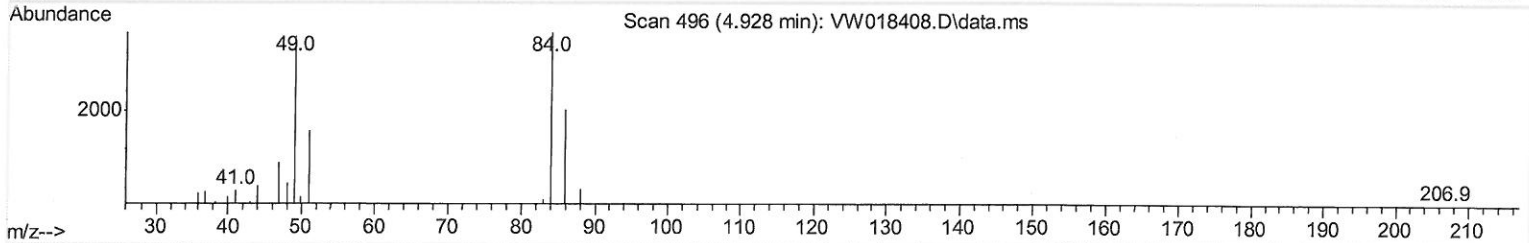
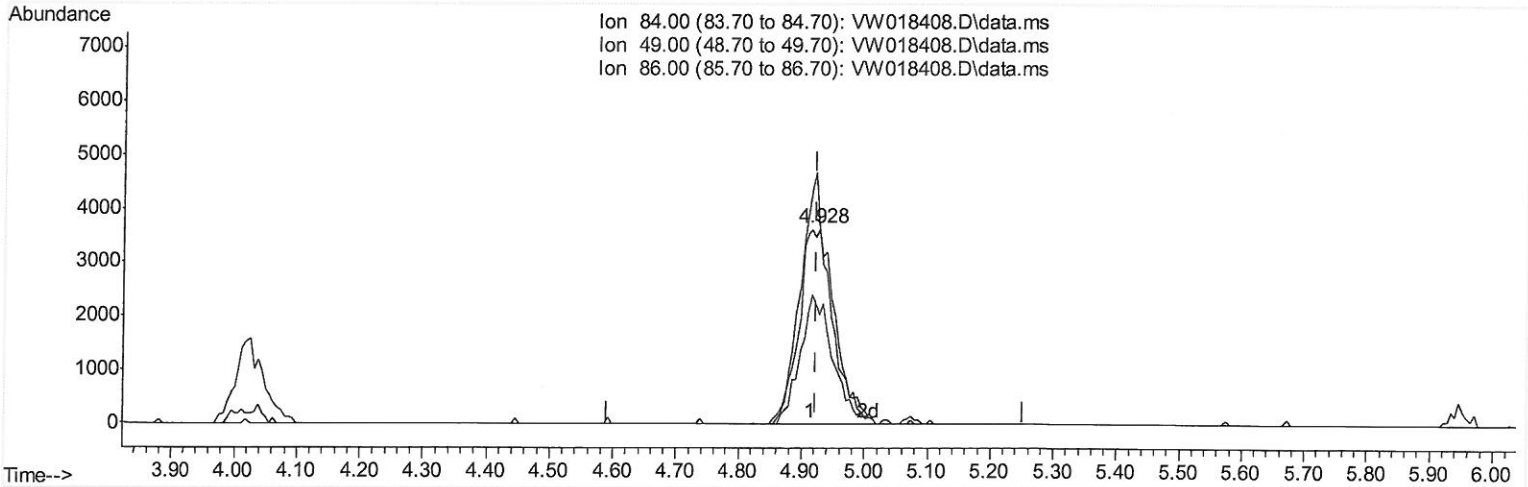
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(16) Methylene chloride (T)

4.928min (+ 0.006) 2.95 ug/L m

response 13709

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	98.18
86.00	65.90	55.50
0.00	0.00	0.00

7 MD
 3/30/21

Quantitation Report (Qedit)

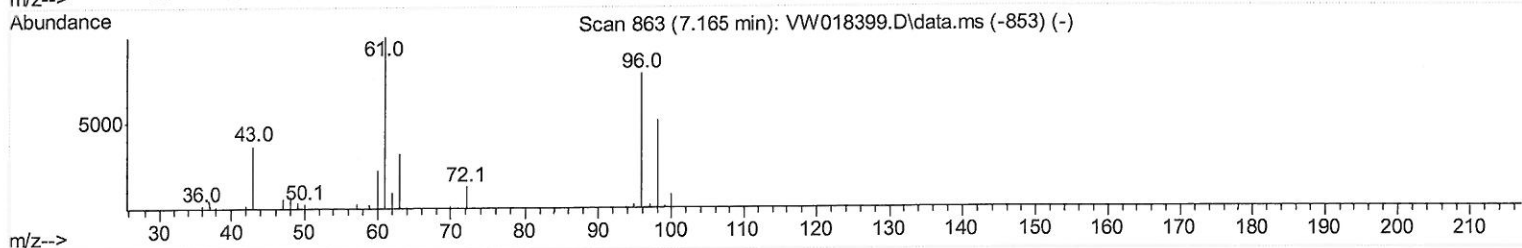
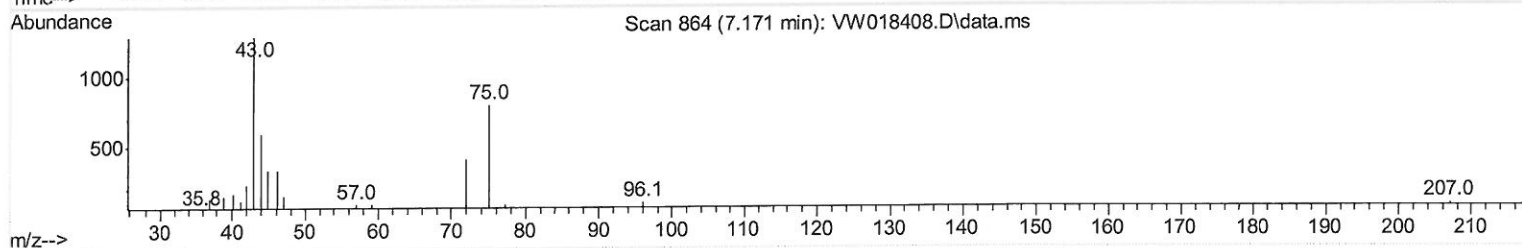
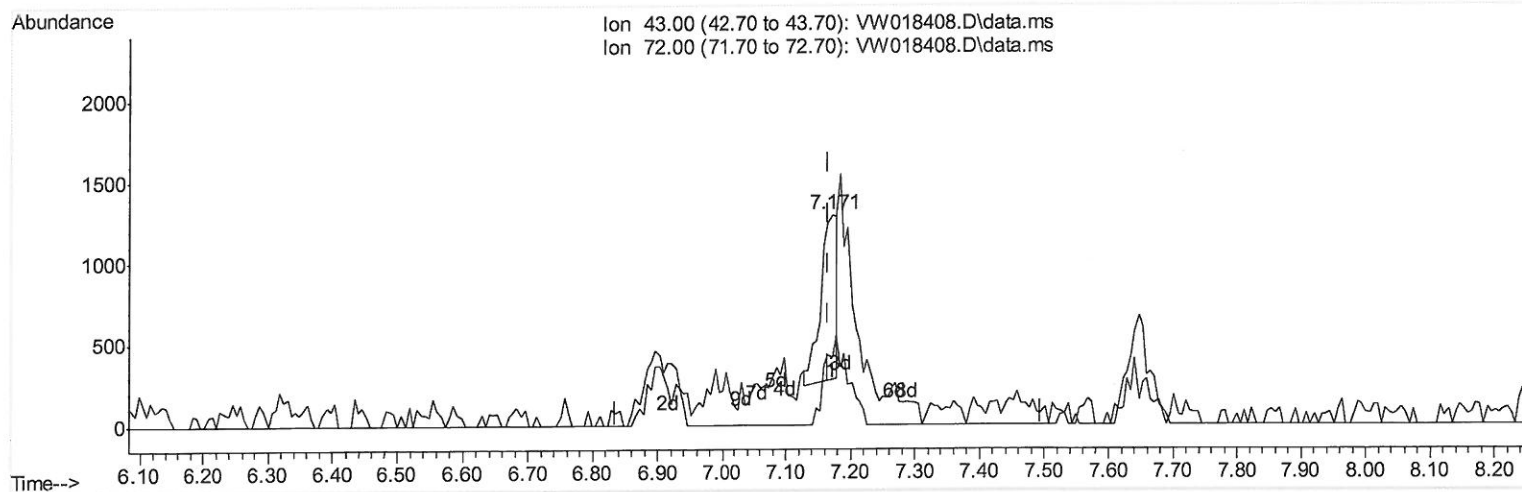
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TIC: VW018408.D\data.ms

(21) 2-Butanone

7.171min (+ 0.006) 1.76 ug/L

response 1763

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	33.00	28.81
0.00	0.00	0.00
0.00	0.00	0.00

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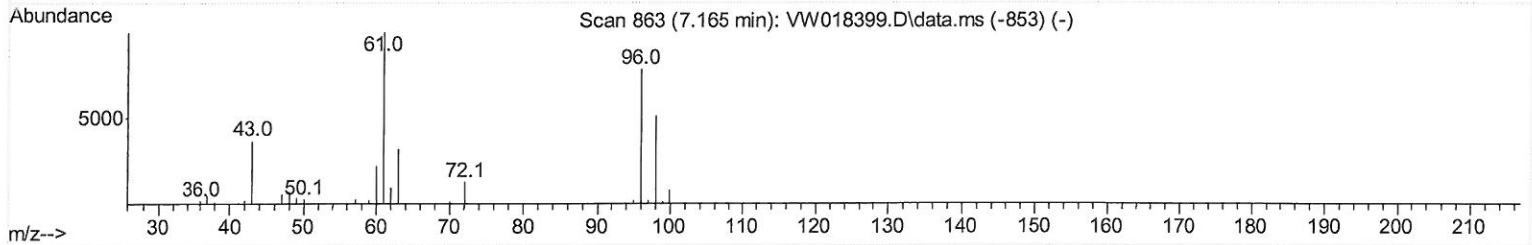
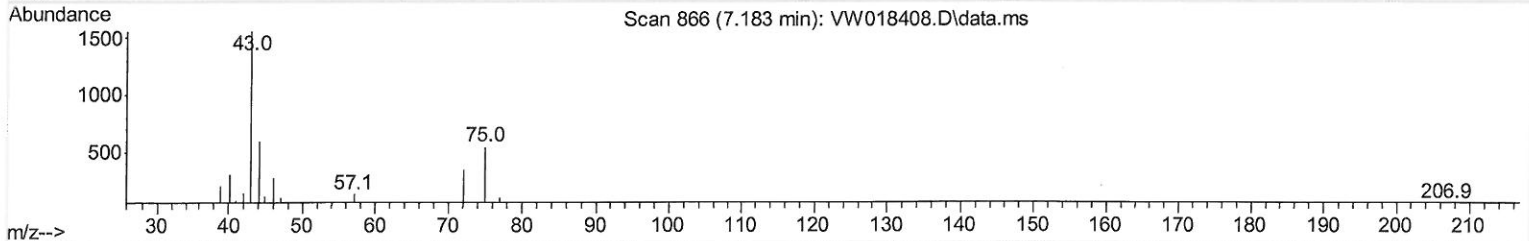
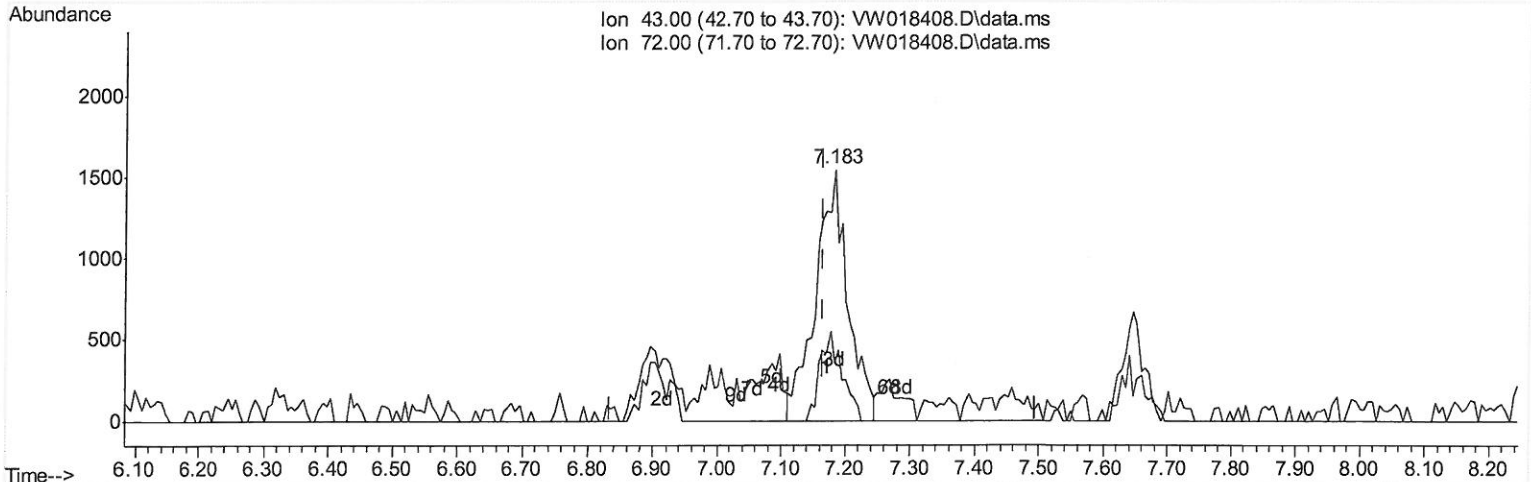
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TIC: VW018408.D\data.ms

(21) 2-Butanone

7.183min (+ 0.018) 5.38 ug/L m

response 5382

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	33.00	9.44#
0.00	0.00	0.00
0.00	0.00	0.00

7.183min
 3/30/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	283117	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	205953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	52855	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112465	28.55	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	114.20%	
7) Chloroethane-d5	2.891	69	101282	29.37	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	117.48%	
10) 1,1-Dichloroethene-d2	4.025	63	123469	18.15	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	72.60%	
20) 2-Butanone-d5	7.080	46	72866	83.07	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	166.14%#	
24) Chloroform-d	7.647	84	180246	25.00	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	100.00%	
26) 1,2-Dichloroethane-d4	8.305	65	114301	27.15	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	108.60%	
29) Benzene-d6	8.275	84	349488	31.92	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	127.68%	
33) 1,2-Dichloropropane-d6	9.274	67	100860	31.94	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	127.76%#	
37) Toluene-d8	10.323	98	284425	26.98	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	107.92%	
38) trans-1,3-Dichloroprop...	10.579	79	33382	20.50	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	82.00%	
39) 2-Hexanone-d5	10.927	63	54853	88.75	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	177.50%#	
48) 1,1,2,2-Tetrachloroeth...	12.695	84	91389	32.35	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	129.40%#	
61) 1,2-Dichlorobenzene-d4	13.853	152	45647	24.29	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	97.16%	
Target Compounds						
13) Acetone	4.123	43	16912	26.84	ug/L	94
14) Carbon disulfide	4.385	76	30886	2.89	ug/L	96
16) Methylene chloride	4.928	84	13709m	2.95	ug/L	
21) 2-Butanone	7.183	43	5382m	5.38	ug/L	
47) Tetrachloroethene	10.866	164	1762	0.70	ug/L	89

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