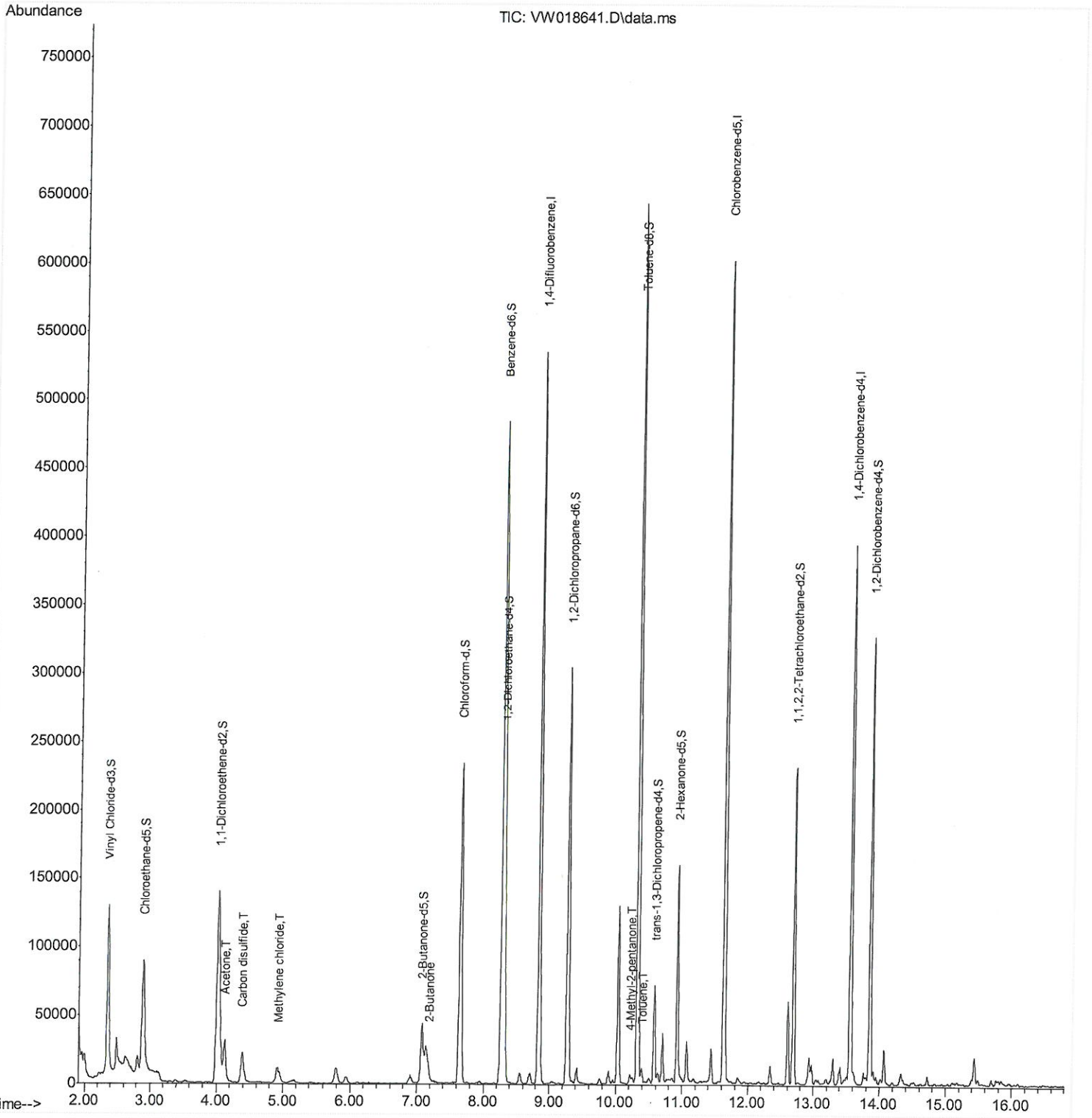
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
Data File : VW018641.D
Acq On : 13 Apr 2021 14:36
Operator : SY/VA
Sample : M2011-12RE
Misc : 5.52G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 14 01:27:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 14 01:25:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG792RE

Manual Integrations APPROVED
MMDadoda
4/16/2021 11:36:57 AM



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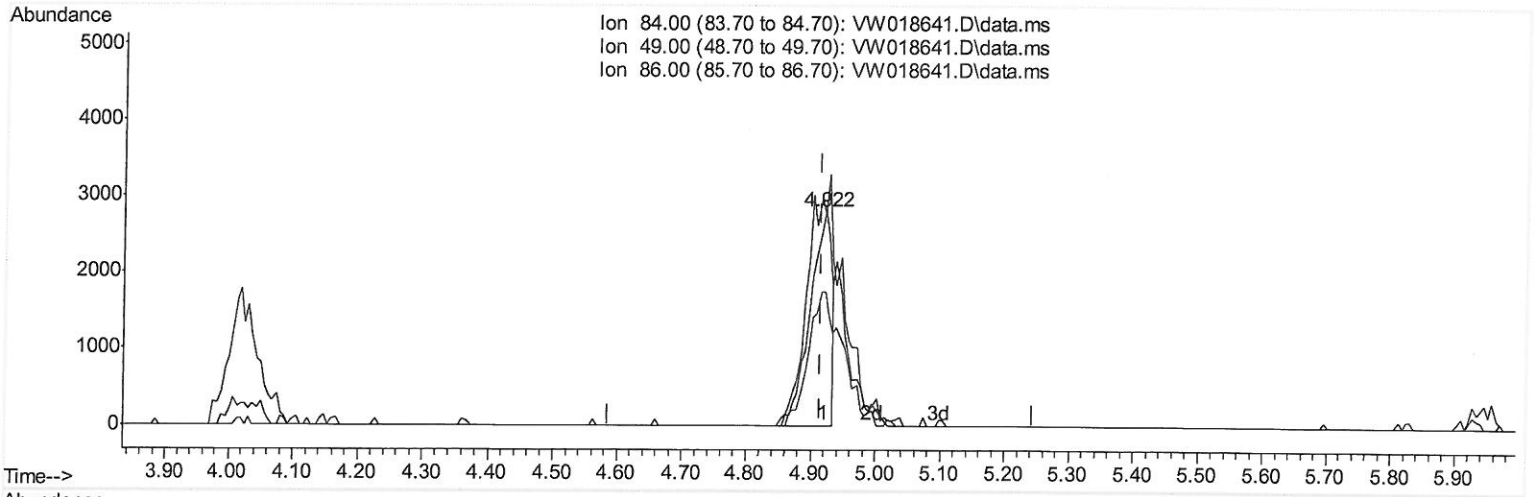

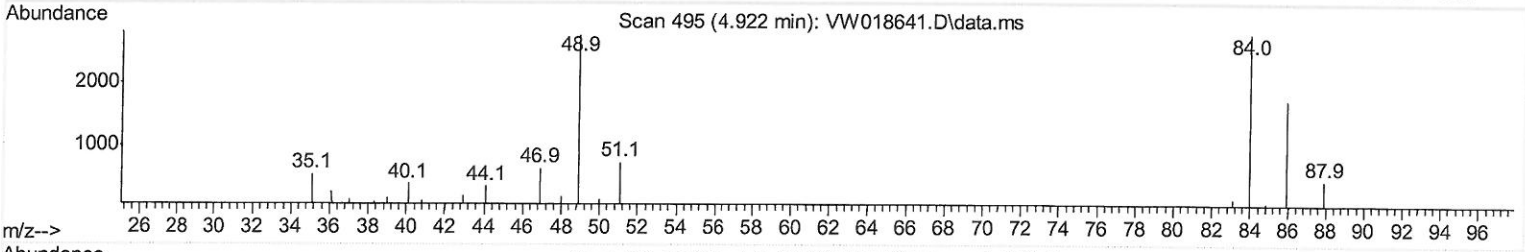

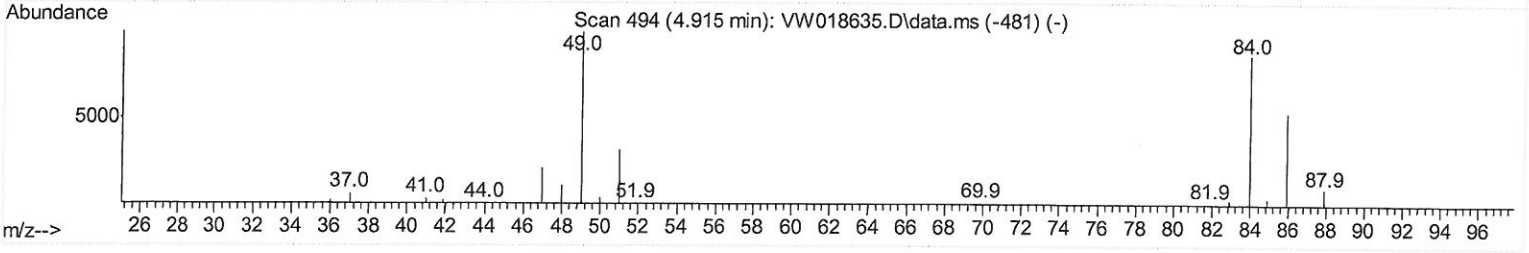

TIC: VW018641.D\data.ms

(16) Methylene chloride (T)

4.922min (+ 0.006) 0.92 ug/L

response 6600

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	98.25
86.00	65.90	62.09
0.00	0.00	0.00

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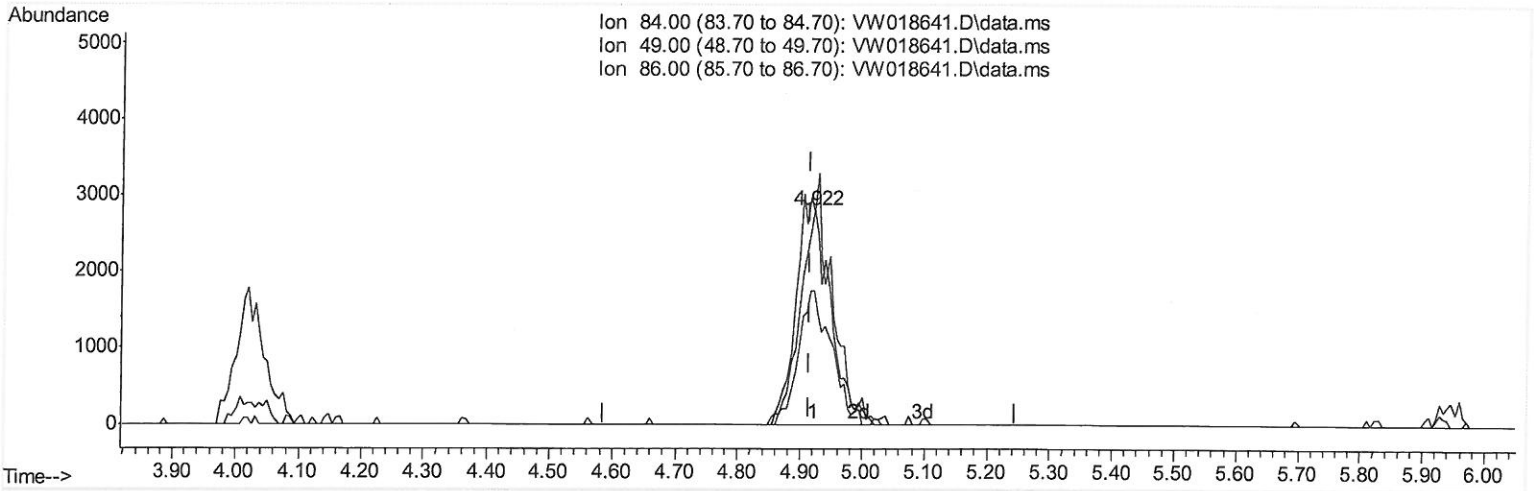

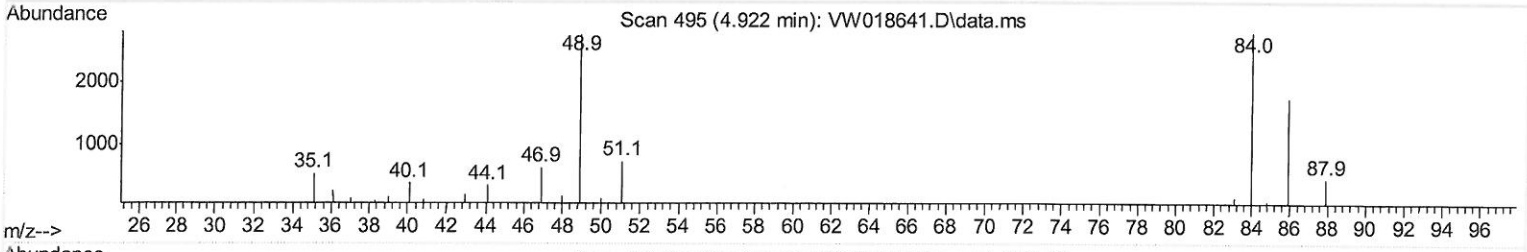

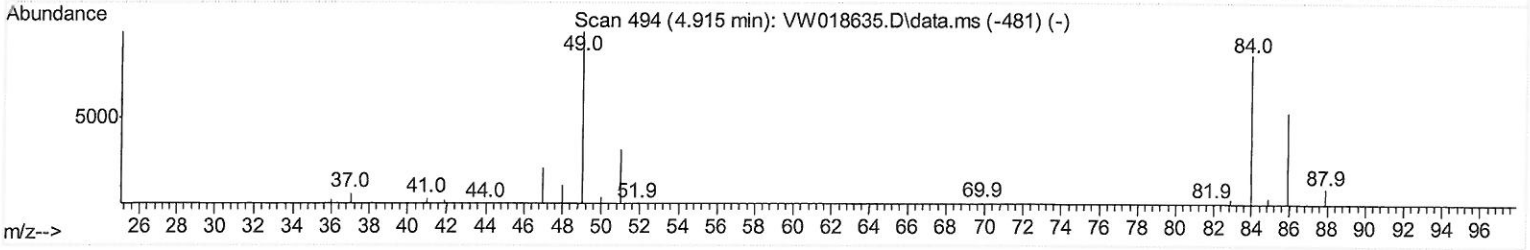

TIC: VW018641.D\data.ms

(16) Methylene chloride (T)

4.922min (+ 0.006) 1.36 ug/L m > MD 4/14/21

response 9780

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	98.25
86.00	65.90	62.09
0.00	0.00	0.00

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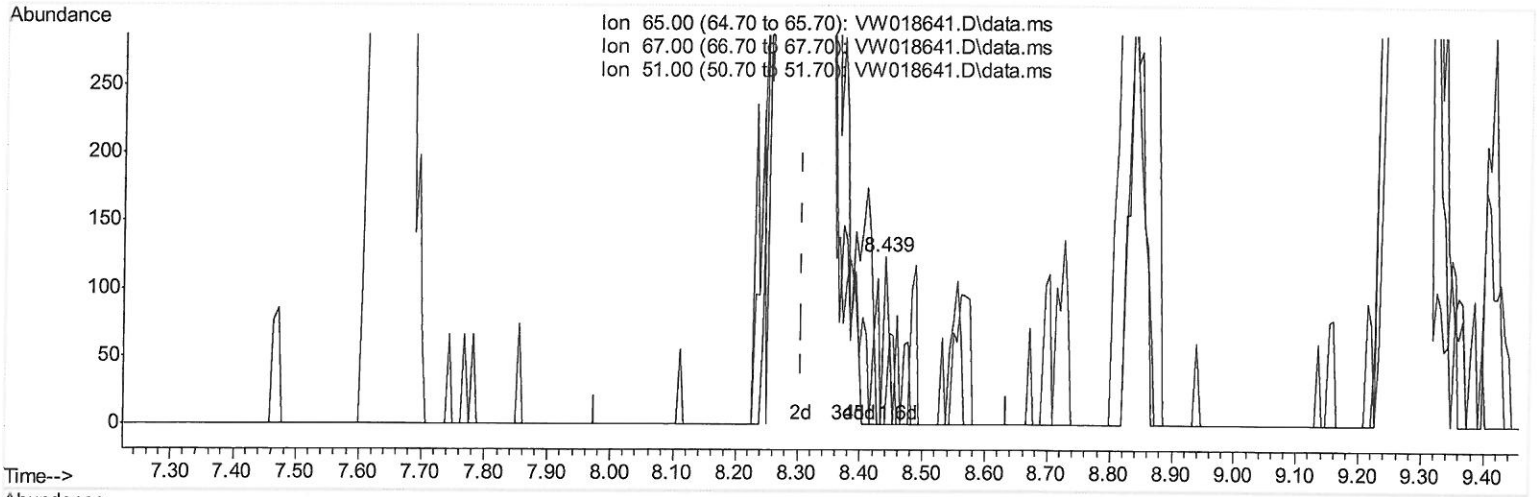

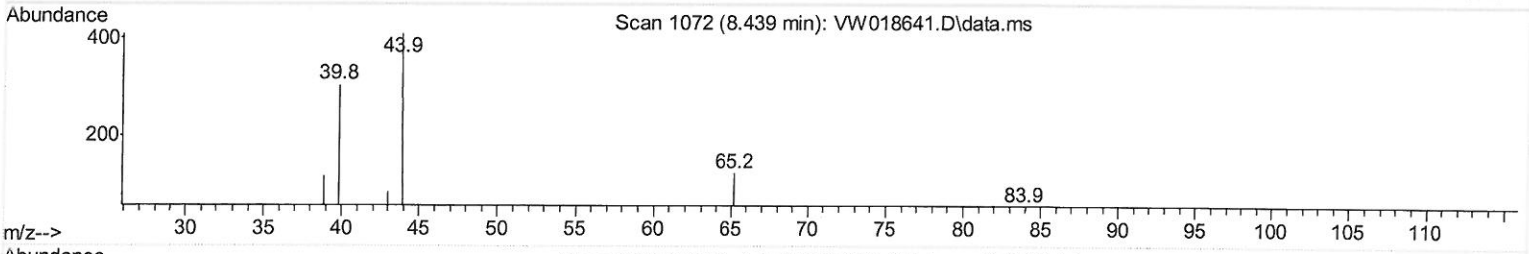

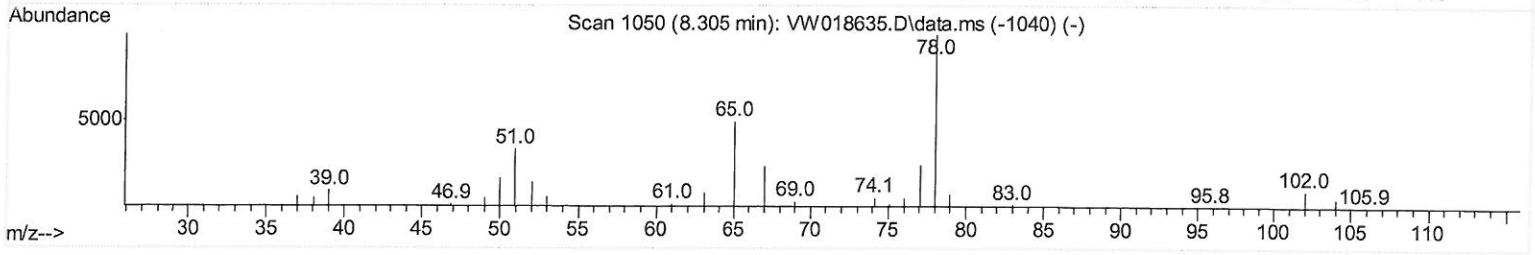

TIC: VW018641.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.439min (+ 0.134) 0.01 ug/L

response 66

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	34.85
51.00	87.20	72.73
0.00	0.00	0.00

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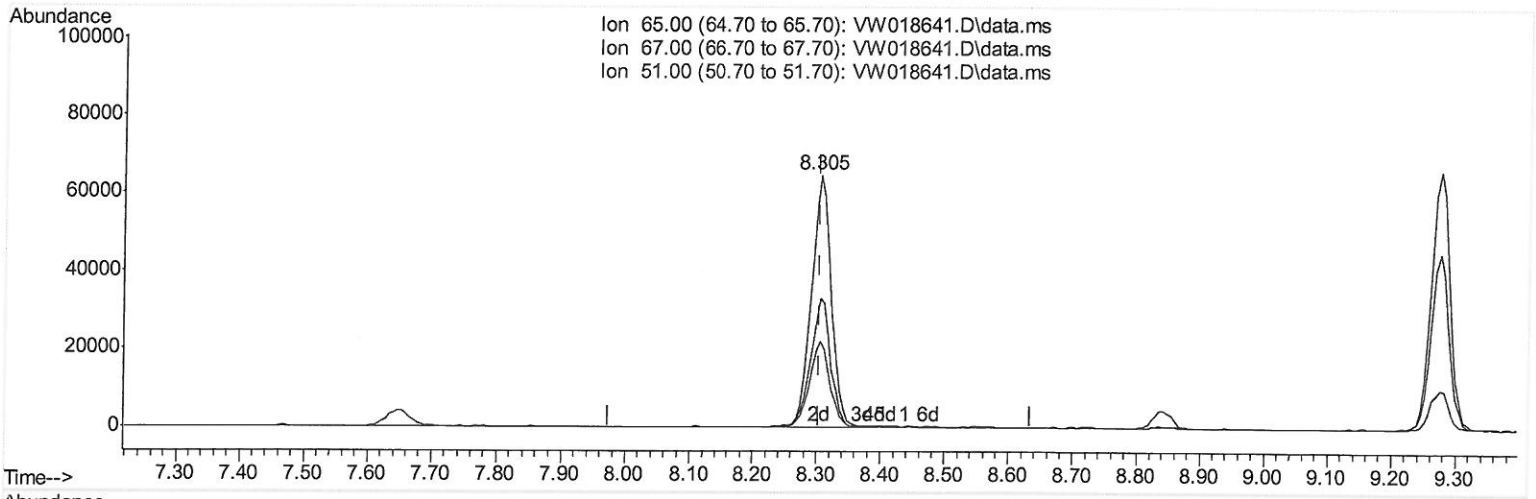

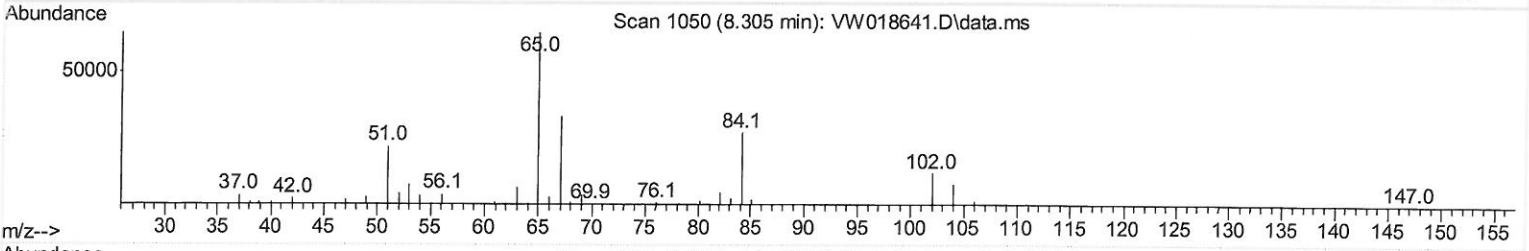

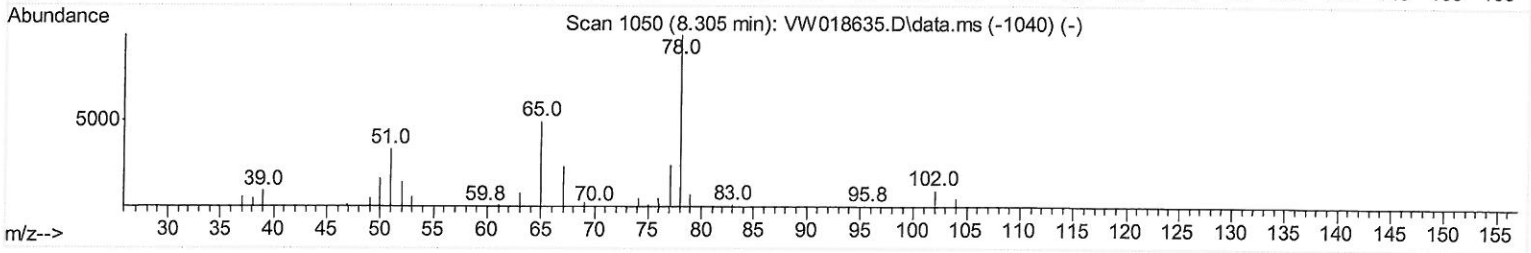

TIC: VW018641.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+ 0.000) 21.34 ug/L m

response 139237

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	0.02#
51.00	87.20	0.03#
0.00	0.00	0.00

MD 4/14/21

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Manual Integrations APPROVED
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4/16/2021 11:36:57 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	99179	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	154897	25.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.48%			
7) Chloroethane-d5	2.891	69	119184	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.20%			
10) 1,1-Dichloroethene-d2	4.019	63	163423	15.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.00%			
20) 2-Butanone-d5	7.080	46	72477	53.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.62%			
24) Chloroform-d	7.647	84	236684	21.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.72%			
26) 1,2-Dichloroethane-d4	8.305	65	139237m	21.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.36%			
29) Benzene-d6	8.275	84	472779	27.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.48%			
33) 1,2-Dichloropropane-d6	9.274	67	132991	26.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.80%			
37) Toluene-d8	10.323	98	426073	25.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.52%			
38) trans-1,3-Dichloroprop...	10.579	79	38843	14.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 59.92%			
39) 2-Hexanone-d5	10.927	63	52280	53.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.26%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	110218	24.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.00%			
61) 1,2-Dichlorobenzene-d4	13.853	152	80128	22.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.88%			
Target Compounds						Qvalue
13) Acetone	4.123	43	49915	51.11	ug/L	95
14) Carbon disulfide	4.385	76	6906	0.42	ug/L #	94
16) Methylene chloride	4.922	84	9780m	1.36	ug/L	
21) 2-Butanone	7.177	43	12522	8.07	ug/L	86
43) 4-Methyl-2-pentanone	10.213	43	4701	1.68	ug/L #	89
44) Toluene	10.390	91	6861	0.32	ug/L	86

MD 4/14/21

MD 4/14/21

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