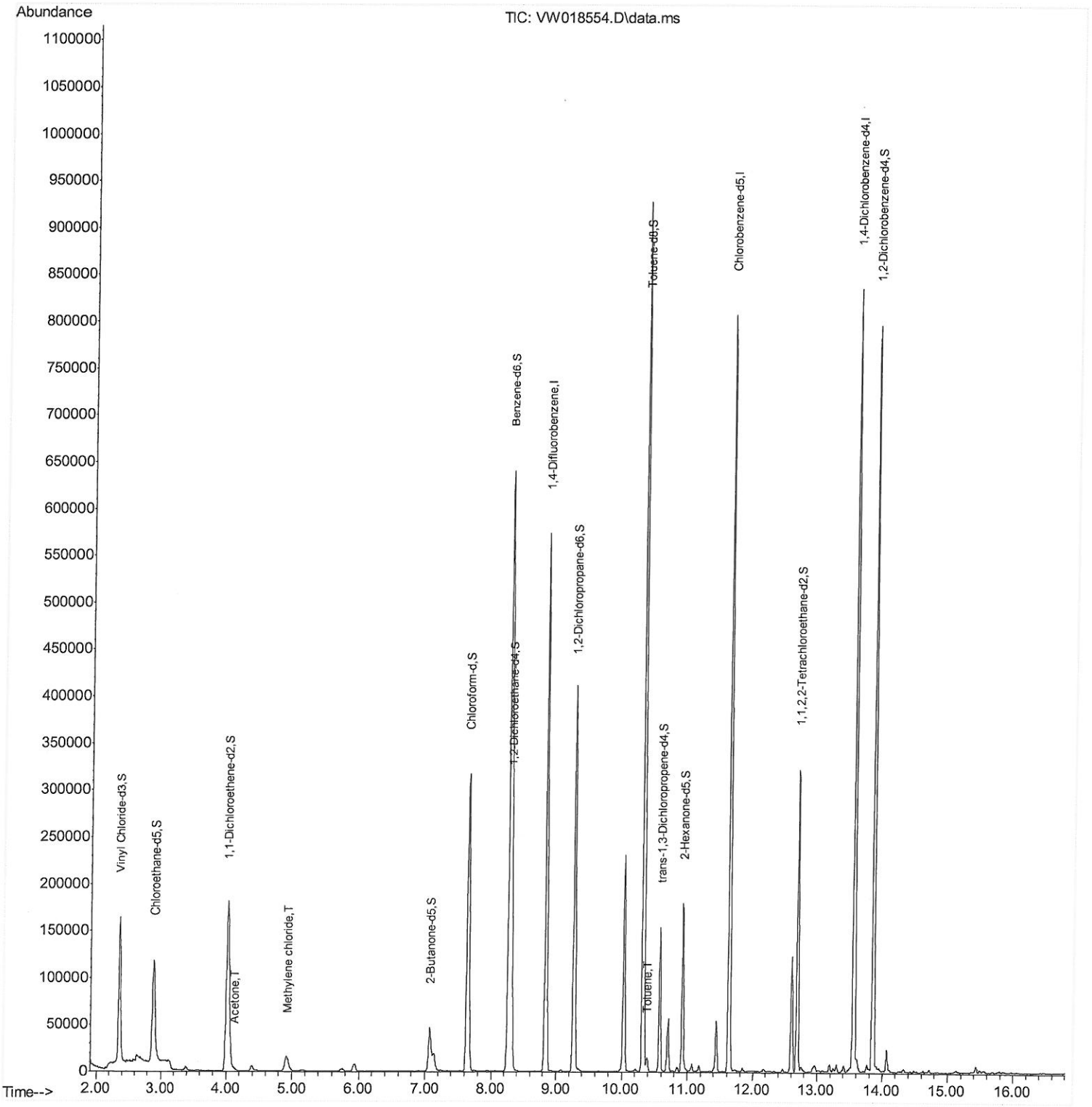
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
Data File : VW018554.D
Acq On : 05 Apr 2021 13:29
Operator : SY/VA
Sample : M1896-09
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 06 01:18:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 06 01:17:41 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Manual Integrations APPROVED
MMDadoda
4/6/2021 9:36:30 AM



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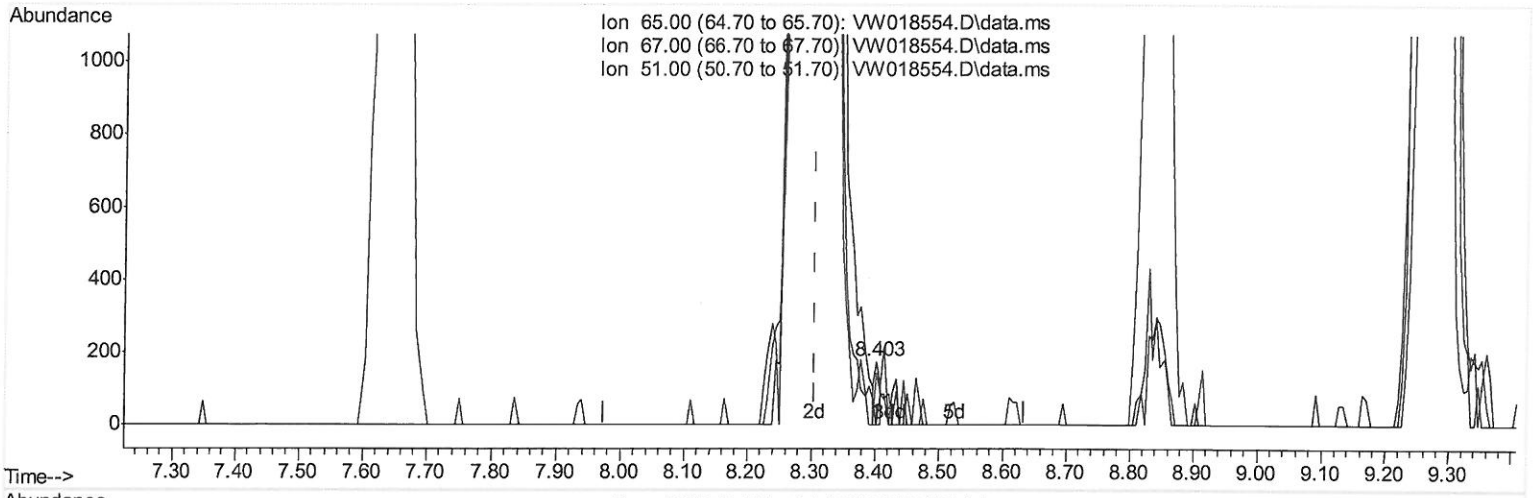

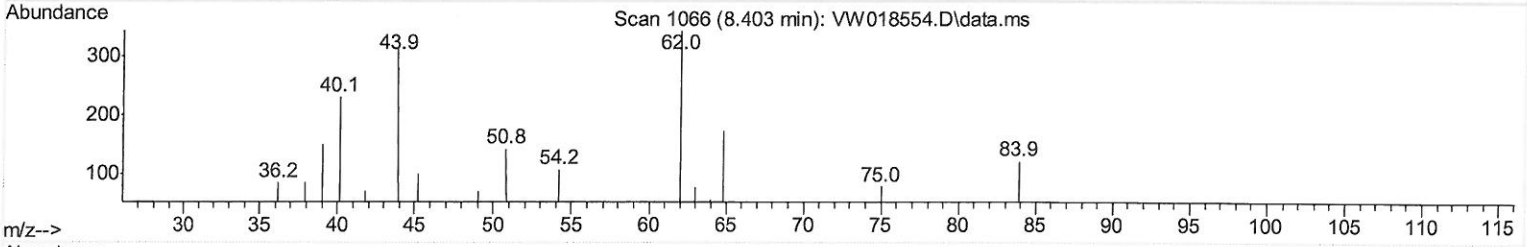

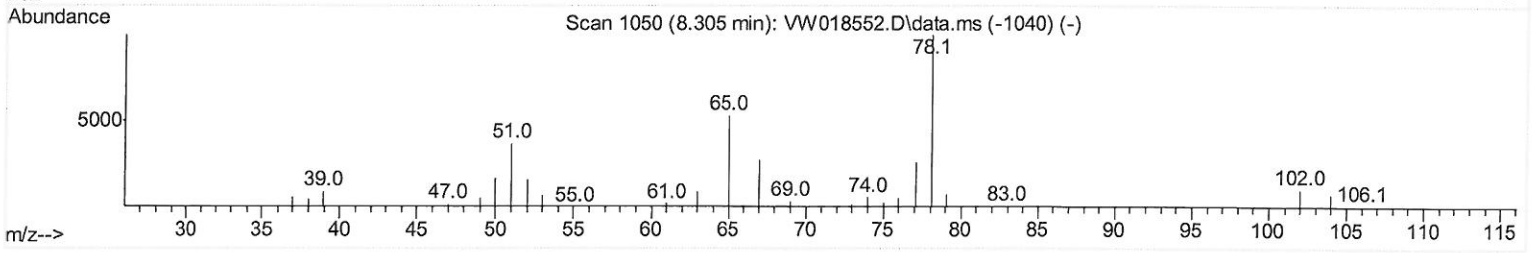

TIC: VW018554.D\data.ms

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

8.403min (+ 0.097) 0.01 ug/L

response 102

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	61.76
51.00	87.20	104.90
0.00	0.00	0.00

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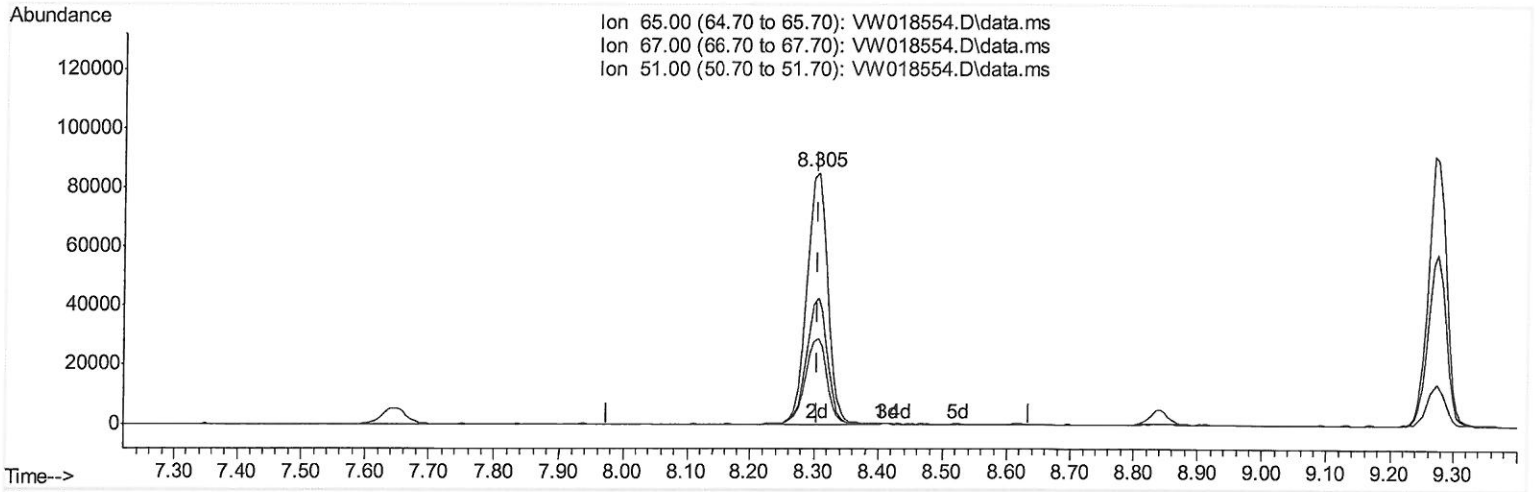

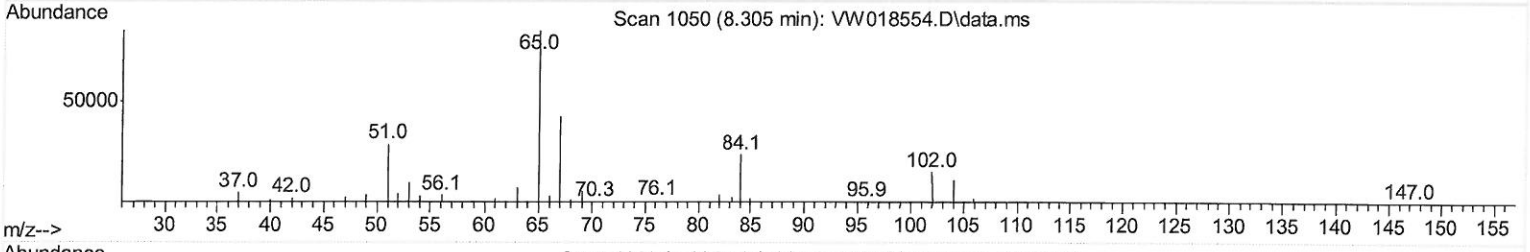

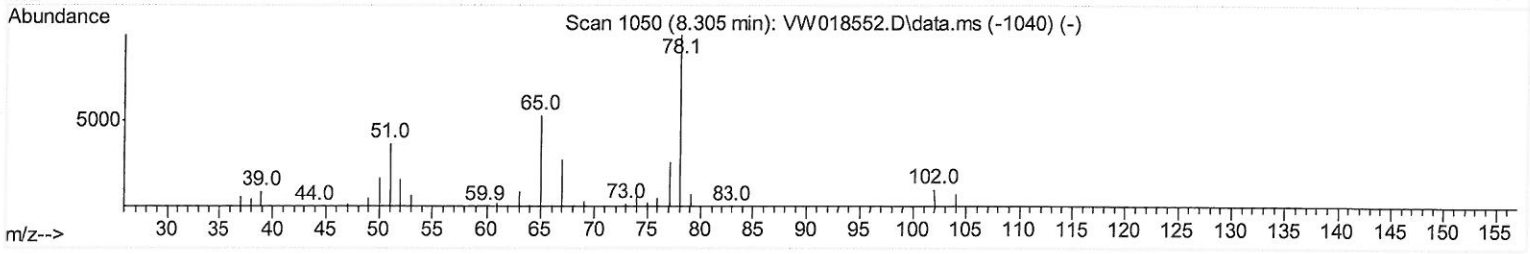

TIC: VW018554.D\data.ms

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

8.305min (-0.000) 27.10 ug/L m

response 190887

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	0.03#
51.00	87.20	0.06#
0.00	0.00	0.00

→ MD 4/9/21

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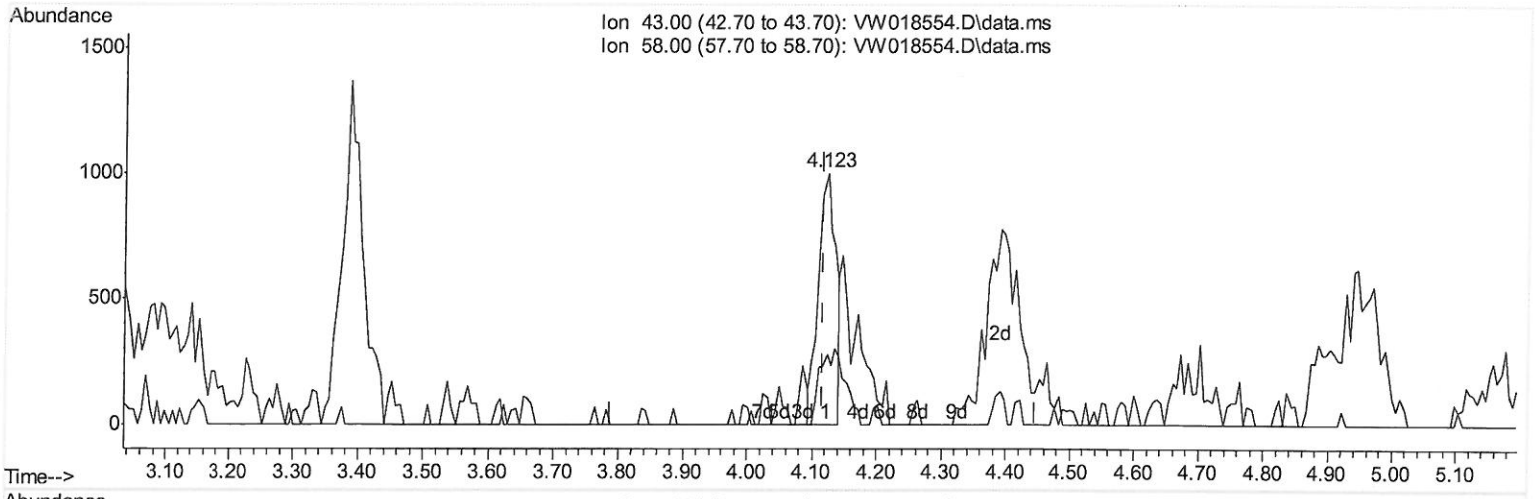

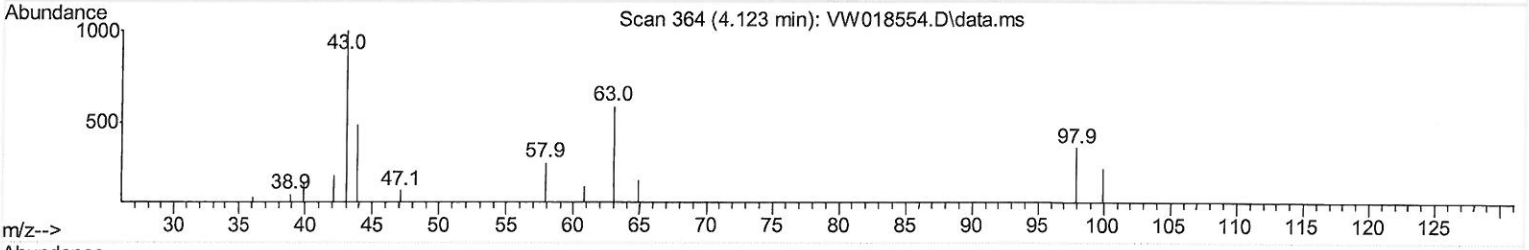

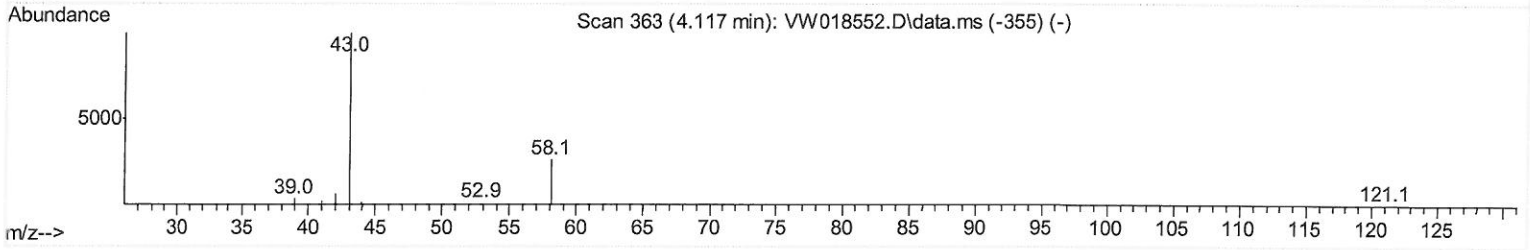

TIC: VW018554.D\data.ms

(13) Acetone (T)

4.123min (+ 0.006) 1.82 ug/L

response 1916

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	19.94
0.00	0.00	0.00
0.00	0.00	0.00

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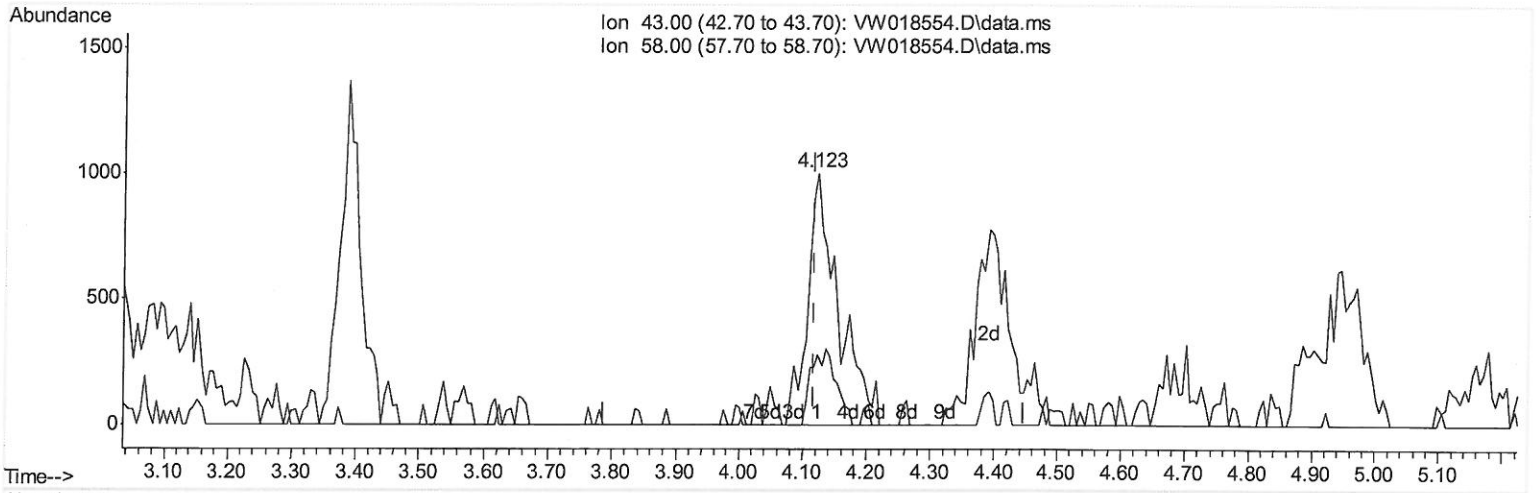

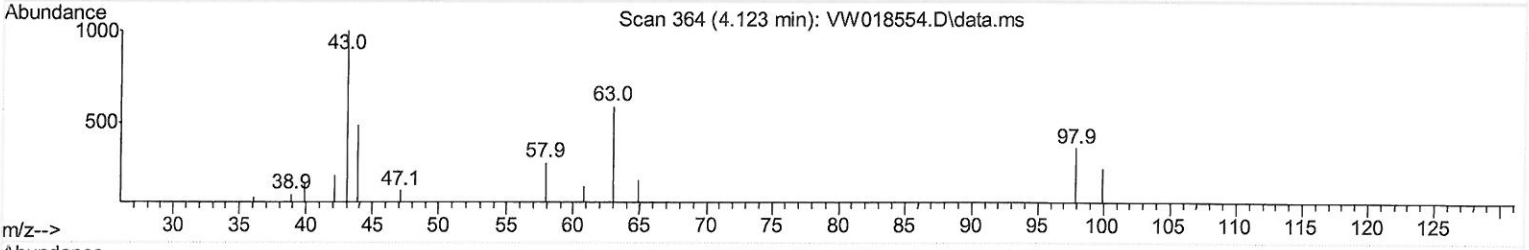

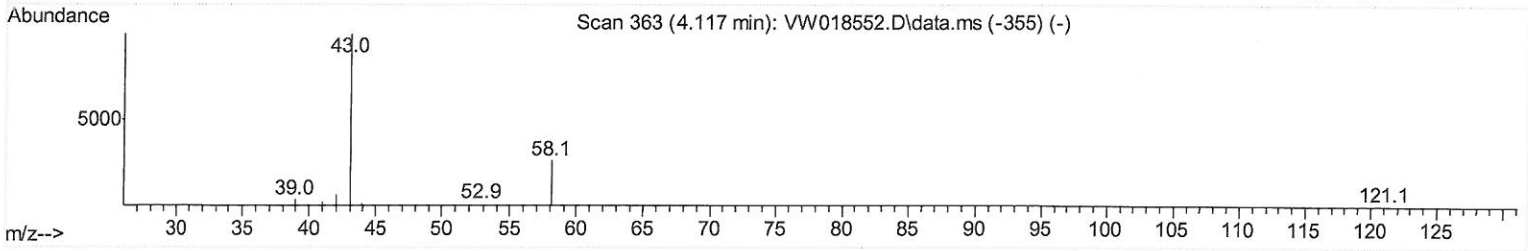

TIC: VW018554.D\data.ms

(13) Acetone (T)

4.123min (+ 0.006) 3.17 ug/L m

response 3337

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	11.45
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/9/21

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MMDadoda
4/6/2021 9:36:30 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	473665	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	440489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	211108	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	192987	29.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.12%			
7) Chloroethane-d5	2.891	69	150821	26.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.56%			
10) 1,1-Dichloroethene-d2	4.013	63	211539	18.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.36%			
20) 2-Butanone-d5	7.074	46	76418	52.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.16%			
24) Chloroform-d	7.647	84	320263	26.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	8.305	65	190887m	27.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.40%			
29) Benzene-d6	8.275	84	623989	26.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.60%			
33) 1,2-Dichloropropane-d6	9.268	67	180578	26.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.92%			
37) Toluene-d8	10.323	98	602690	26.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.92%			
38) trans-1,3-Dichloroprop...	10.579	79	81923	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.08%			
39) 2-Hexanone-d5	10.920	63	62084	46.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.94%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	153953	25.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.92%			
61) 1,2-Dichlorobenzene-d4	13.853	152	201920	26.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
13) Acetone	4.123	43	3337m	3.17	ug/L	
16) Methylene chloride	4.922	84	13734	1.77	ug/L	95
44) Toluene	10.384	91	10300	0.36	ug/L	86

MD 4/9/21

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