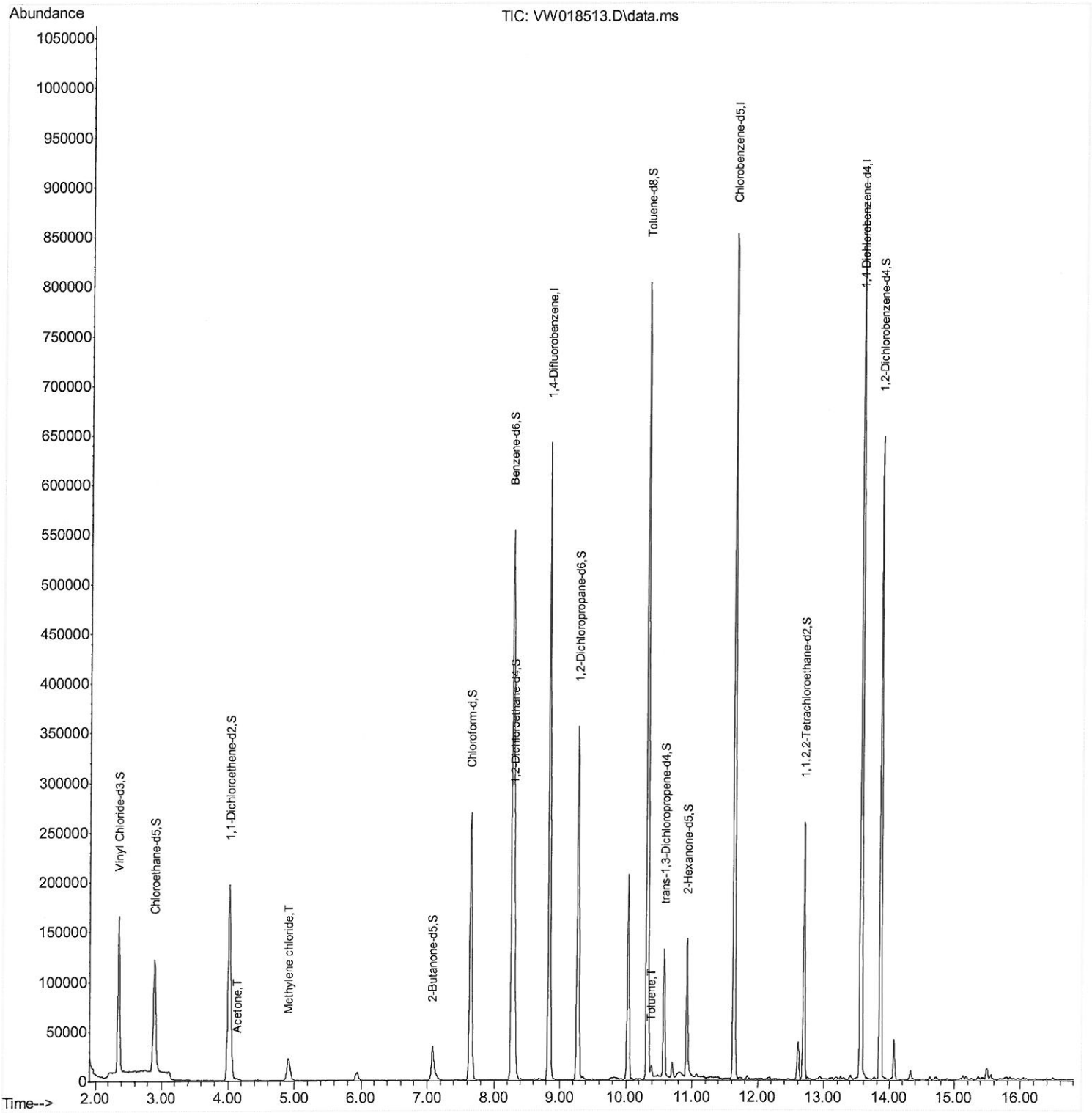
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
Data File : VW018513.D
Acq On : 31 Mar 2021 15:35
Operator : SY/VA
Sample : M1859-06
Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 01 02:05:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 01 02:04:50 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG545

Manual Integrations APPROVED
MMDadoda
4/6/2021 12:55:54 PM



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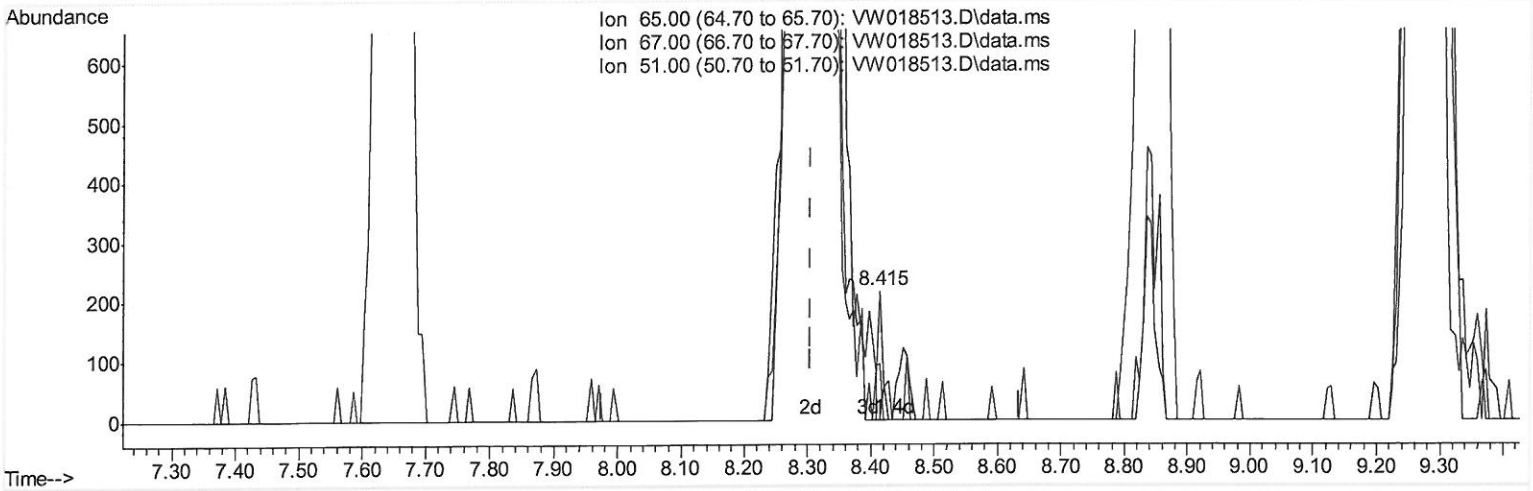

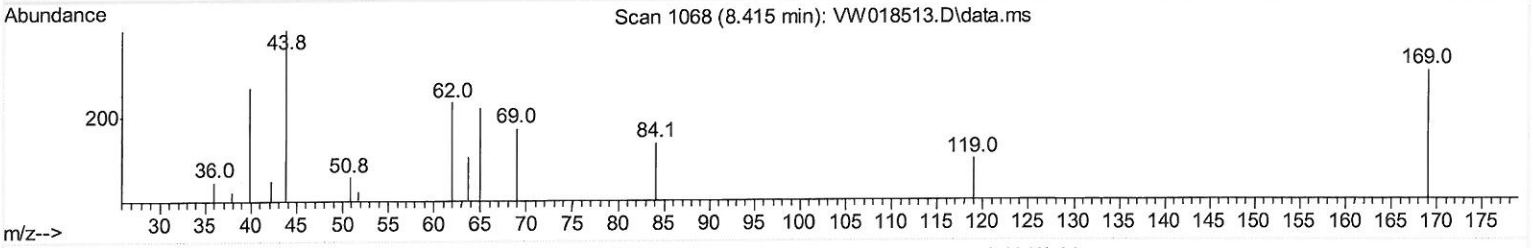

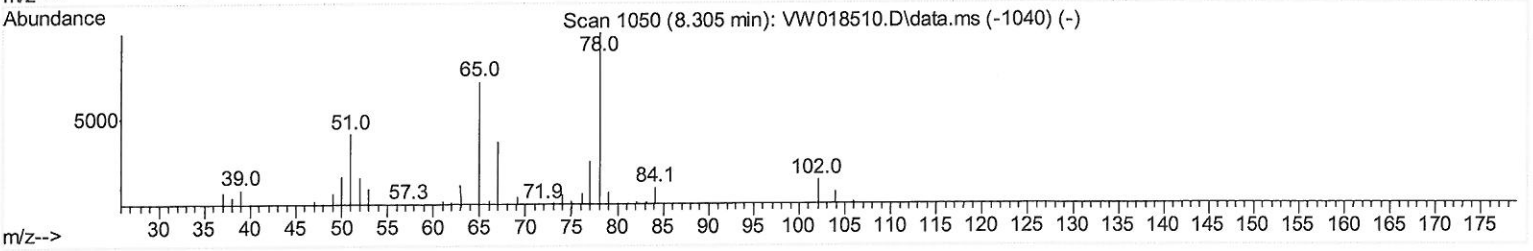

TIC: VW018513.D\data.ms

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

8.415min (+ 0.110) 0.01 ug/L

response 102

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	42.16
51.00	87.20	65.69
0.00	0.00	0.00

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MMDadoda
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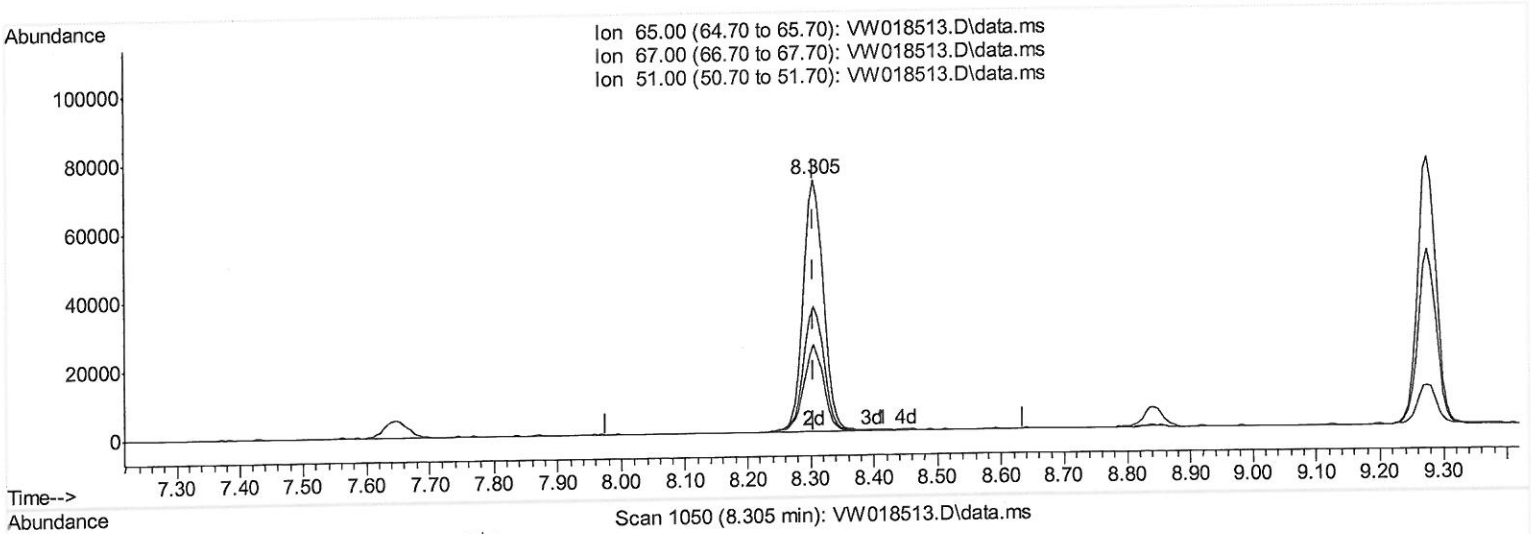

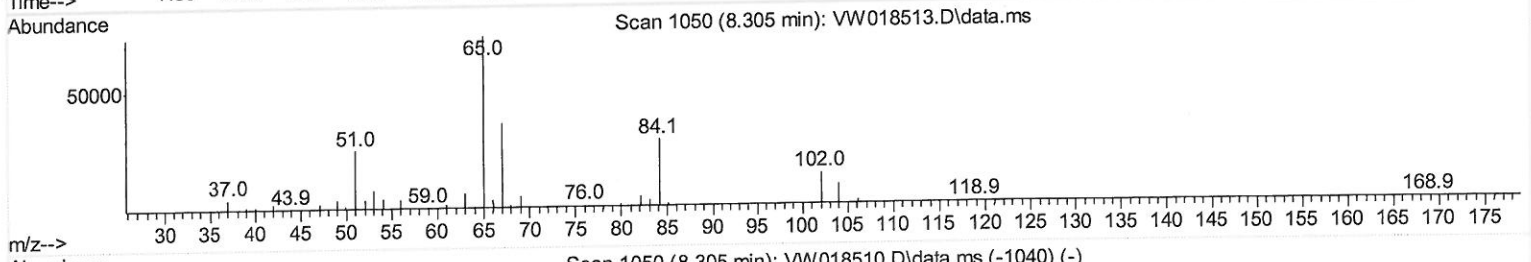

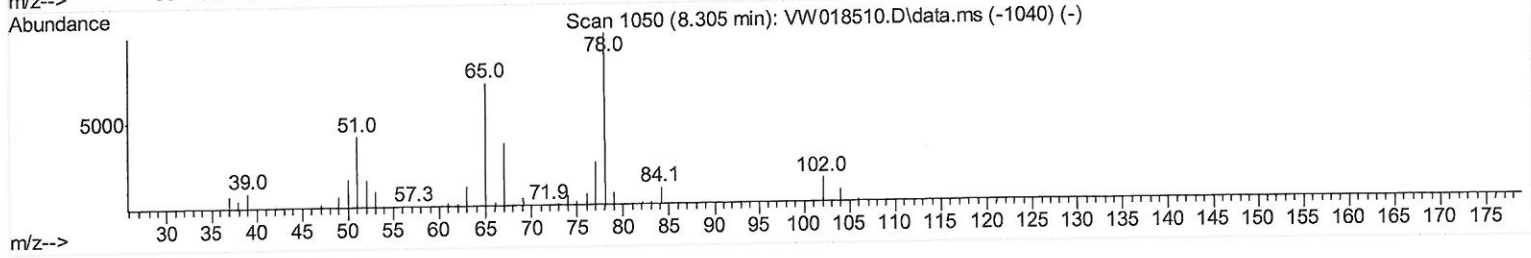

TIC: VW018513.D\data.ms

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

8.305min (-0.000) 21.05 ug/L m

response 161405

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	0.03#
51.00	87.20	0.04#
0.00	0.00	0.00

MD 4/9/21

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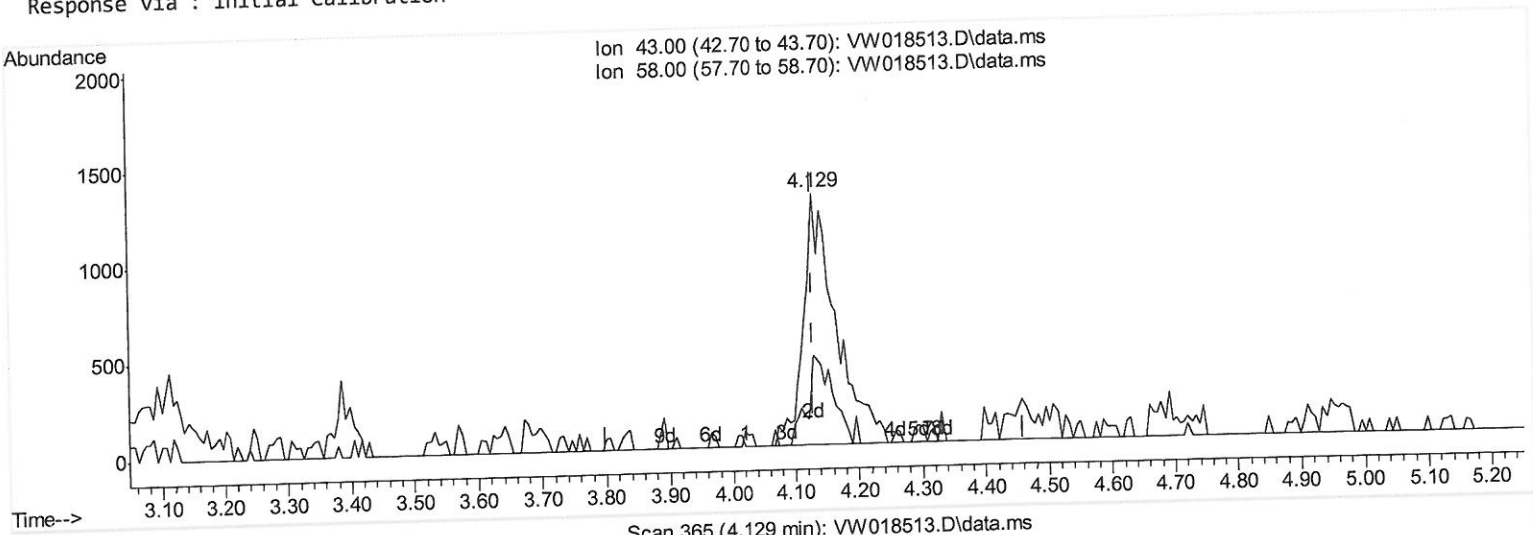
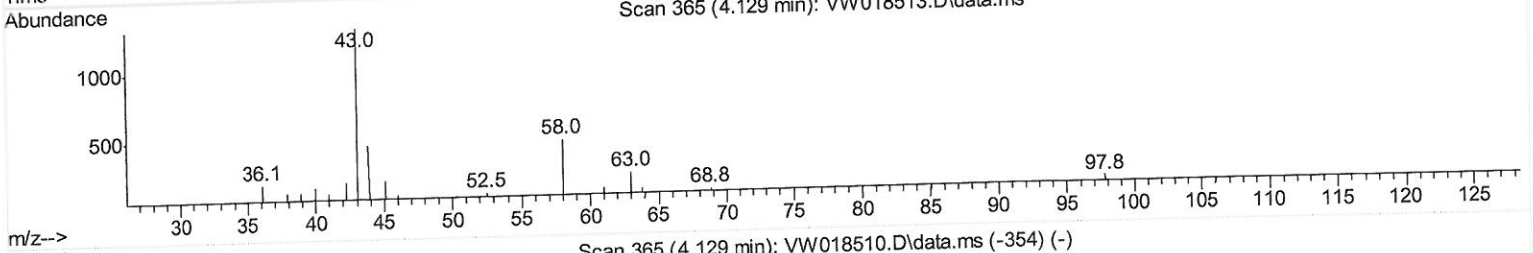
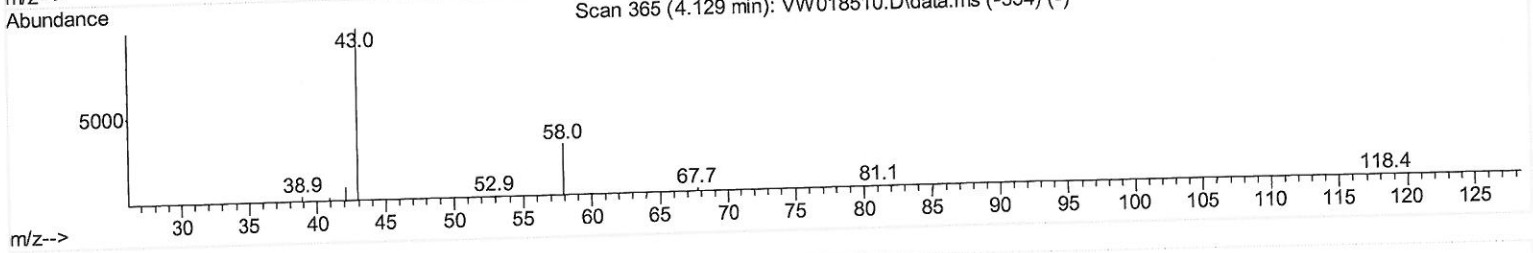
Manual Integrations APPROVED
MMDadoda
4/6/2021 12:55:54 PM







TIC: VW018513.D\data.ms

(13) Acetone (T)

4.129min (-0.000) 4.00 ug/L m

response 4593

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	0.89
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/9/21

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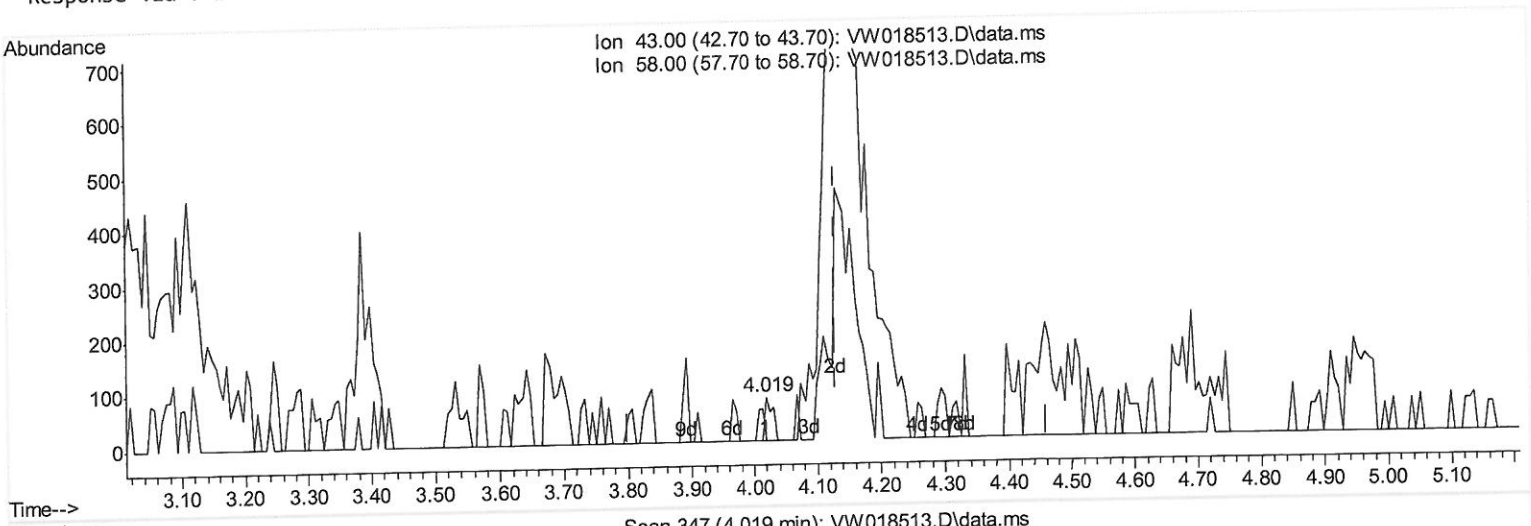
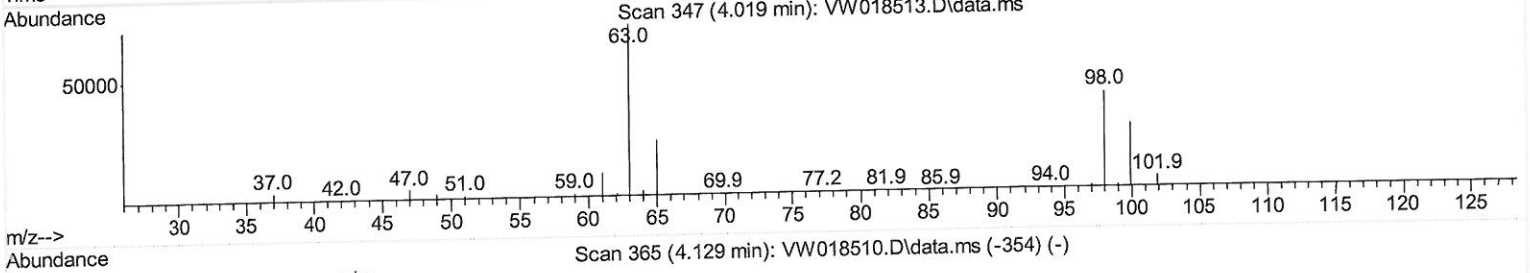
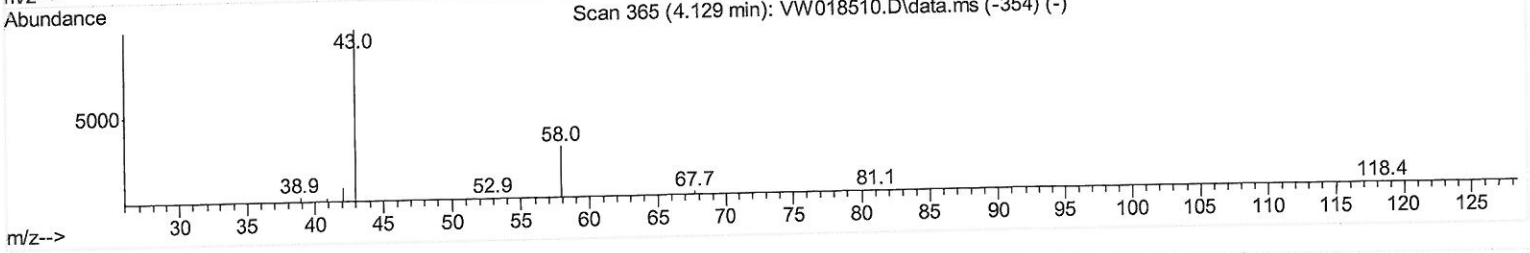
Manual Integrations APPROVED
MMDadoda
4/6/2021 12:55:54 PM







TIC: VW018513.D\data.ms

(13) Acetone (T)

4.019min (-0.110) 0.06 ug/L

response 69

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	59.42
0.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId : BG545

Manual Integrations APPROVED
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4/6/2021 12:55:54 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	515812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	216078	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	179405	24.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.96%			
7) Chloroethane-d5	2.891	69	145145	23.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.40%			
10) 1,1-Dichloroethene-d2	4.019	63	207543	16.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.00%			
20) 2-Butanone-d5	7.080	46	56595	35.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.84%			
24) Chloroform-d	7.647	84	270616	20.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.40%			
26) 1,2-Dichloroethane-d4	8.305	65	161405m	21.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.20%			
29) Benzene-d6	8.275	84	552055	22.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.32%			
33) 1,2-Dichloropropane-d6	9.274	67	155186	21.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.04%			
37) Toluene-d8	10.323	98	533974	22.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.72%			
38) trans-1,3-Dichloroprop...	10.579	79	67294	18.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.36%			
39) 2-Hexanone-d5	10.927	63	47112	33.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.74%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	121905	18.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.56%			
61) 1,2-Dichlorobenzene-d4	13.853	152	158262	20.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.40%			
Target Compounds						Qvalue
13) Acetone	4.129	43	4593m	4.00	ug/L	
16) Methylene chloride	4.915	84	19169	2.27	ug/L	91
44) Toluene	10.384	91	9440	0.30	ug/L	79

MD 4/9/21

MD 4/9/21

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