Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018424.D
Acq On : 23 Mar 2021 14:17
Operator : SY/VA
Sample : M1784-01
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

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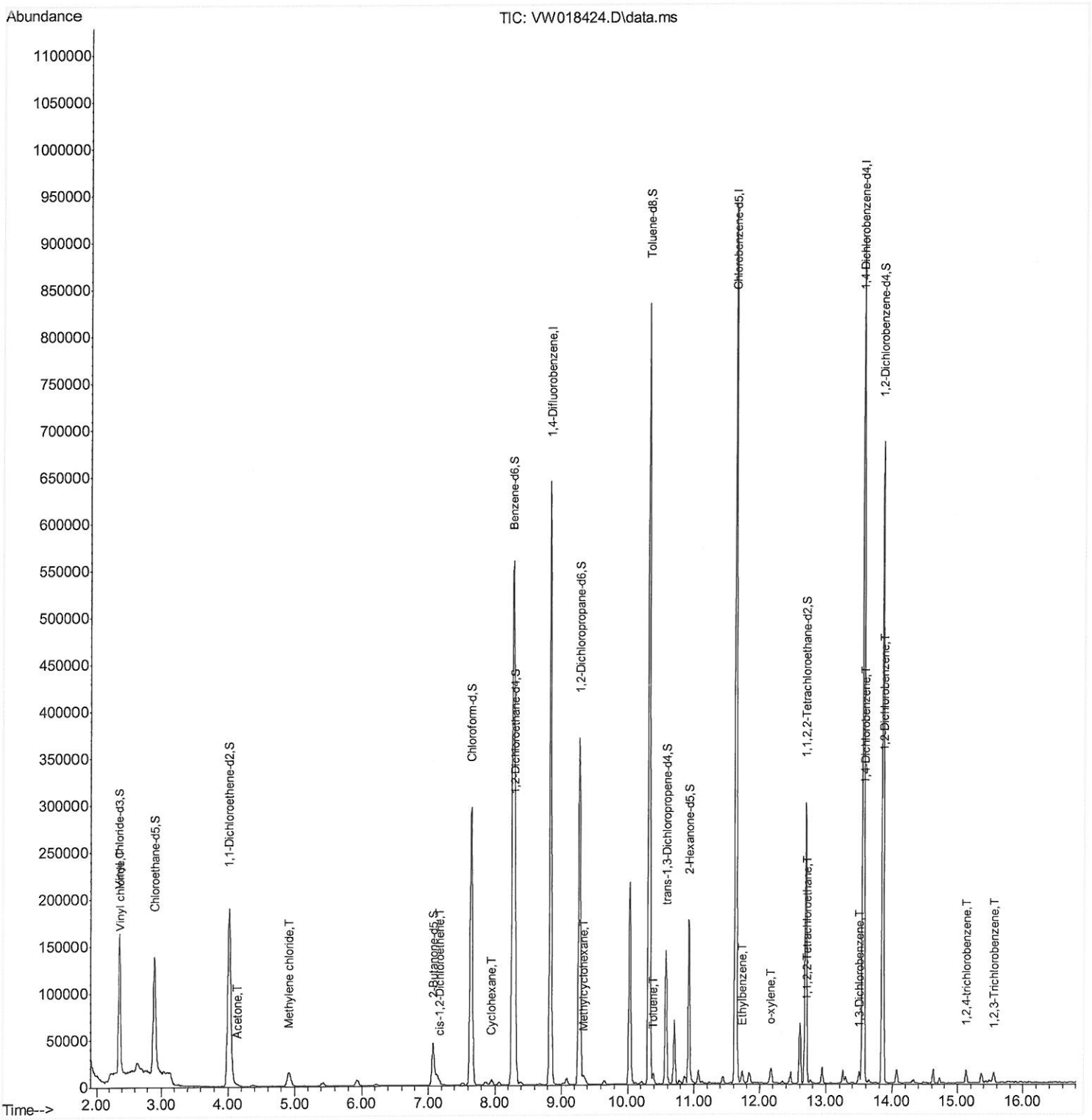
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 01:23:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG4X4

Manual Integrations APPROVED
SAM
3/26/2021 6:06:40 PM



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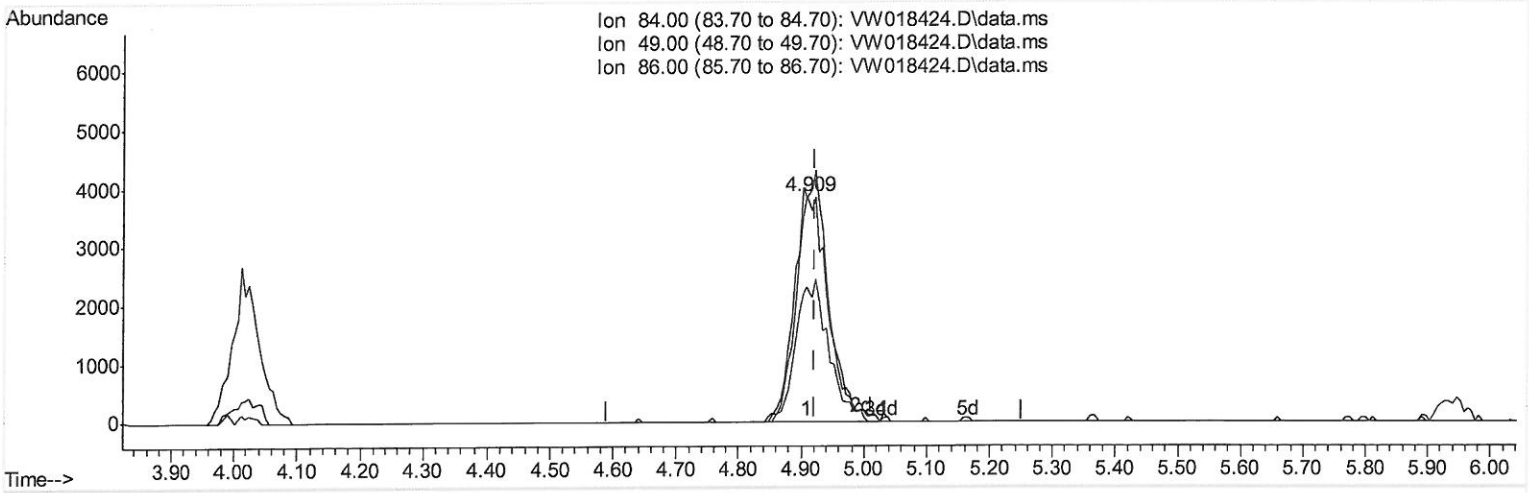

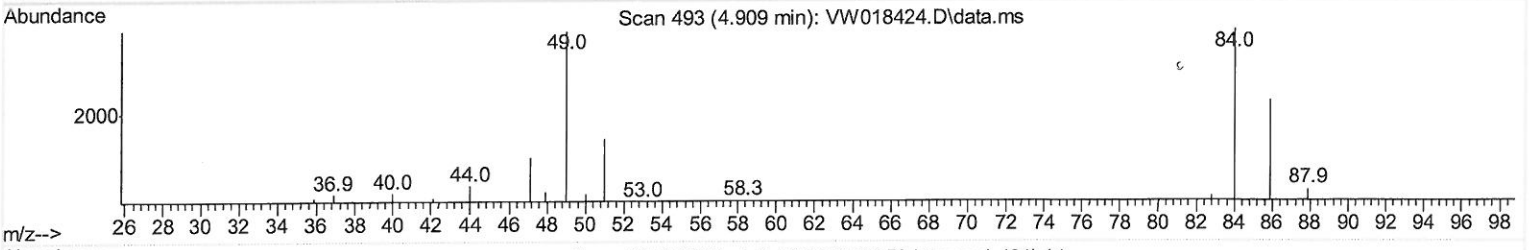

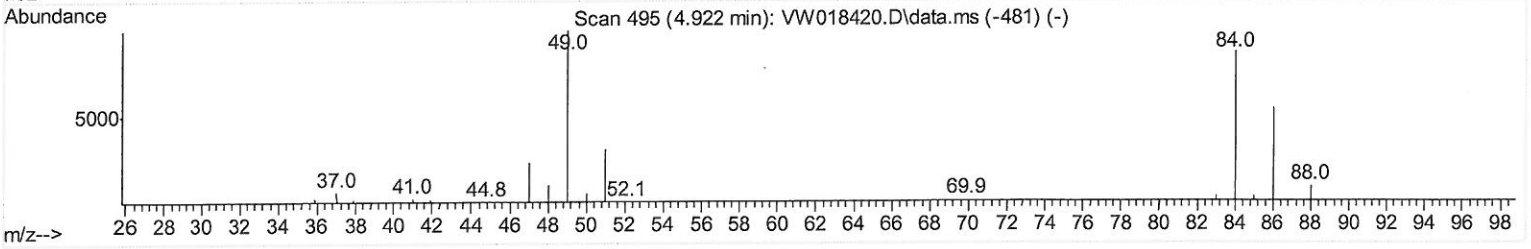

TIC: VW018424.D\data.ms

(16) Methylene chloride (T)

4.909min (-0.012) 1.59 ug/L m

response 13872

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	99.01
86.00	65.90	59.43
0.00	0.00	0.00

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3/30/21

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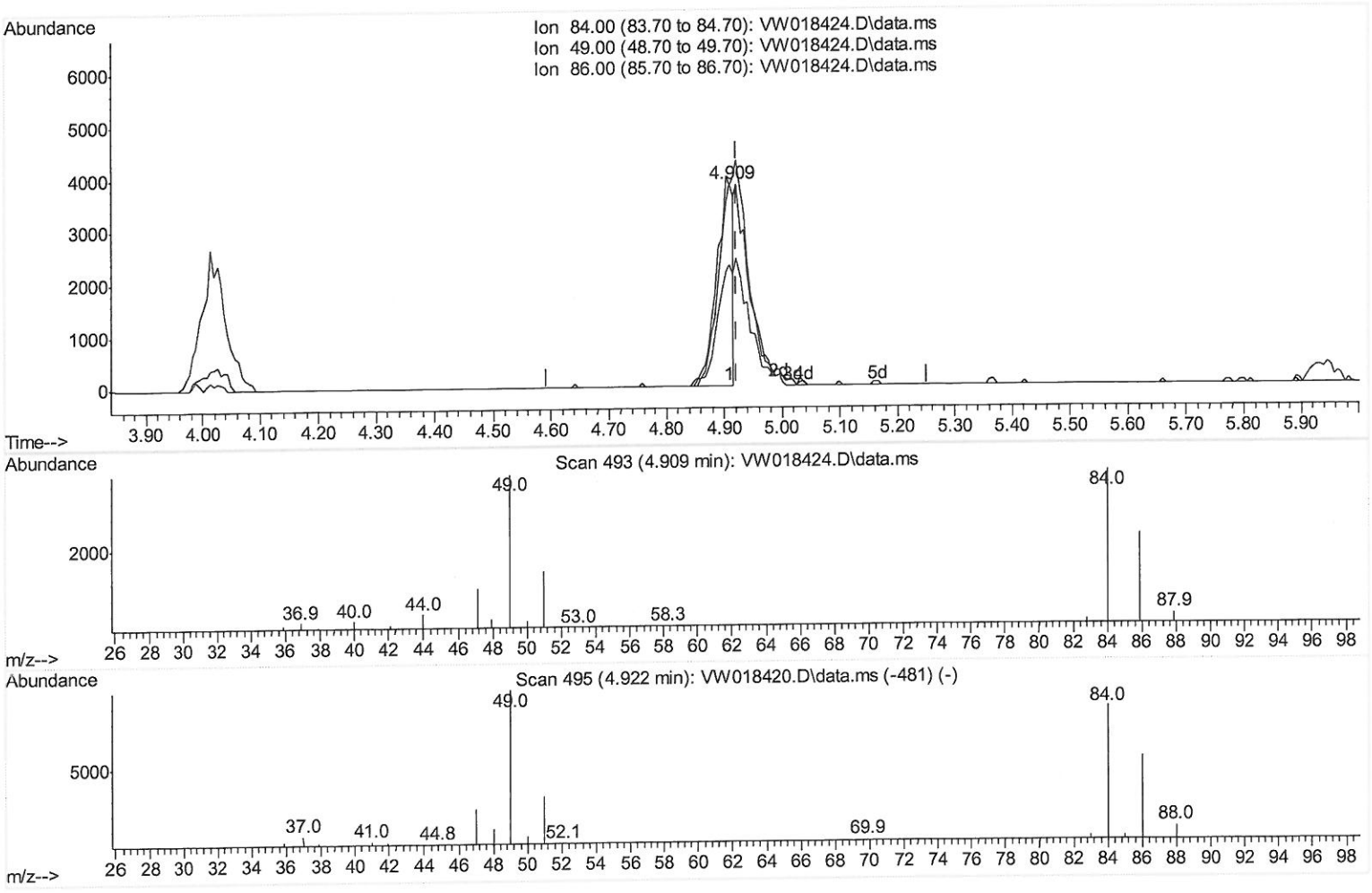

TIC: VW018424.D\data.ms

(16) Methylene chloride (T)

4.909min (-0.012) 0.81 ug/L

response 7059

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	99.01
86.00	65.90	59.43
0.00	0.00	0.00

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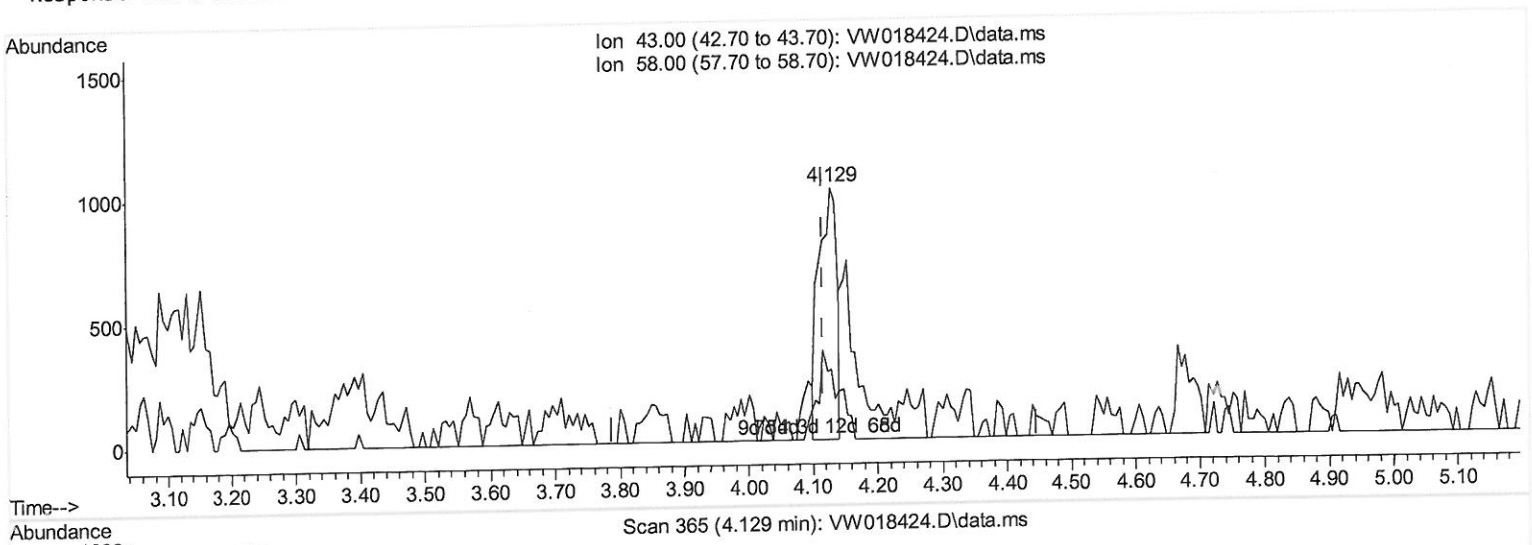

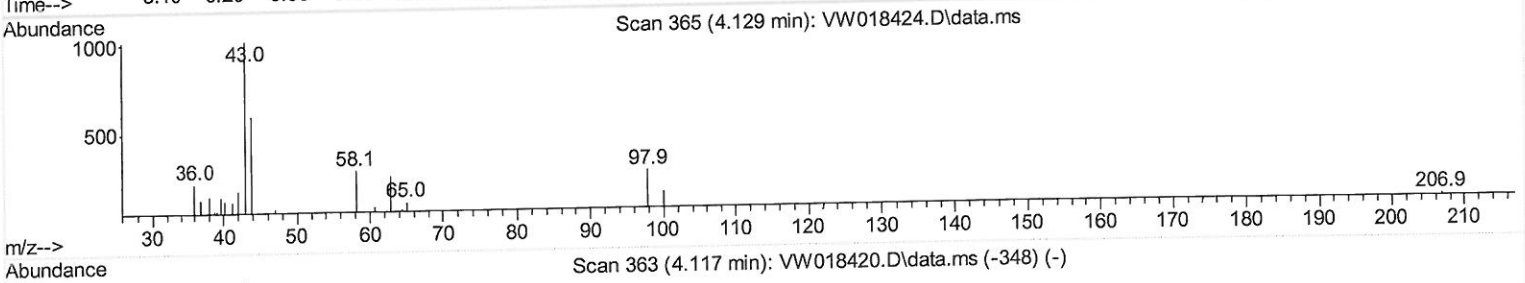

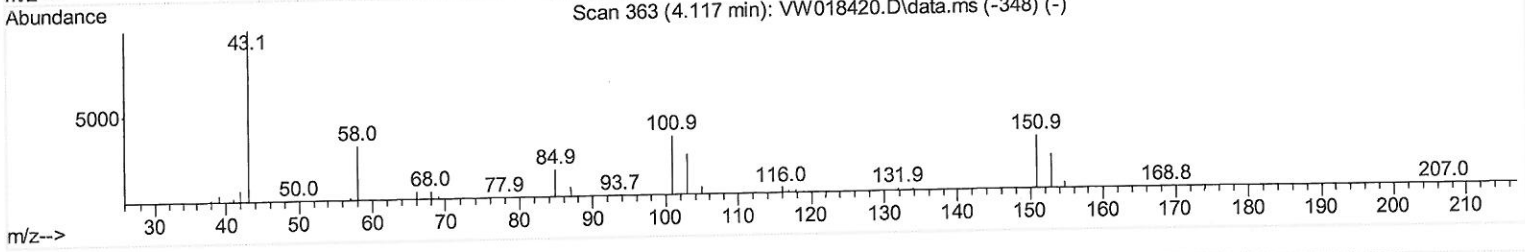

TIC: VW018424.D\data.ms

(13) Acetone (T)

4.129min (+ 0.012) 1.71 ug/L

response 2023

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	19.38
0.00	0.00	0.00
0.00	0.00	0.00

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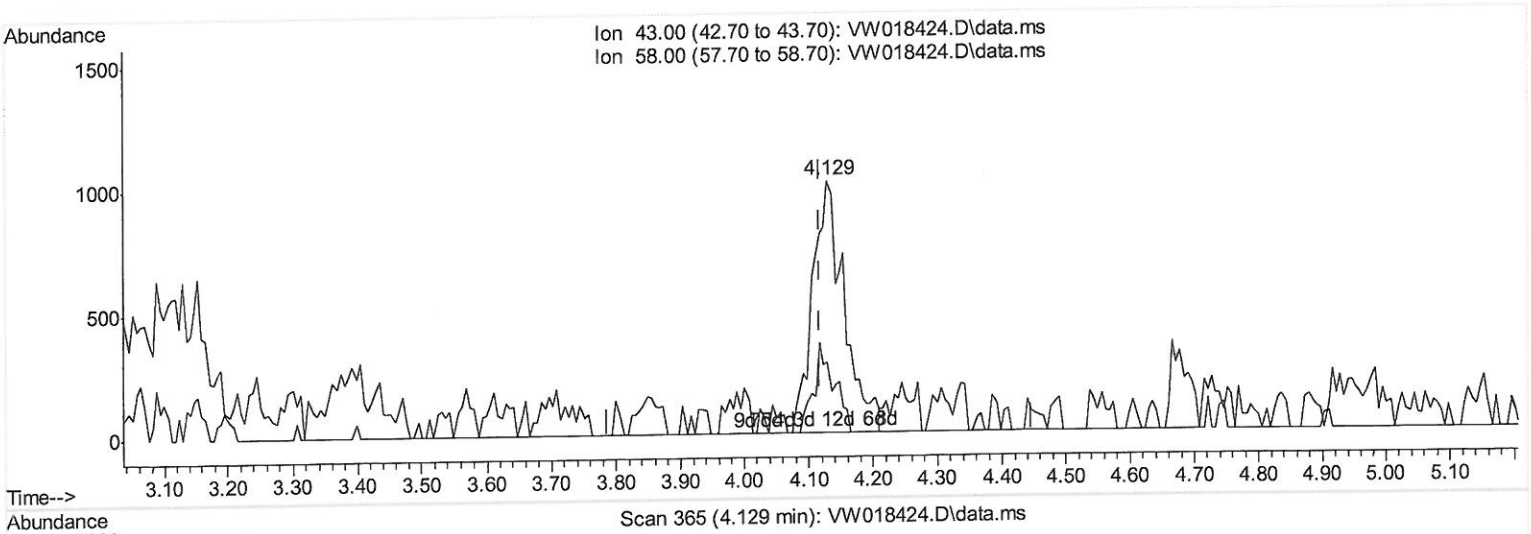

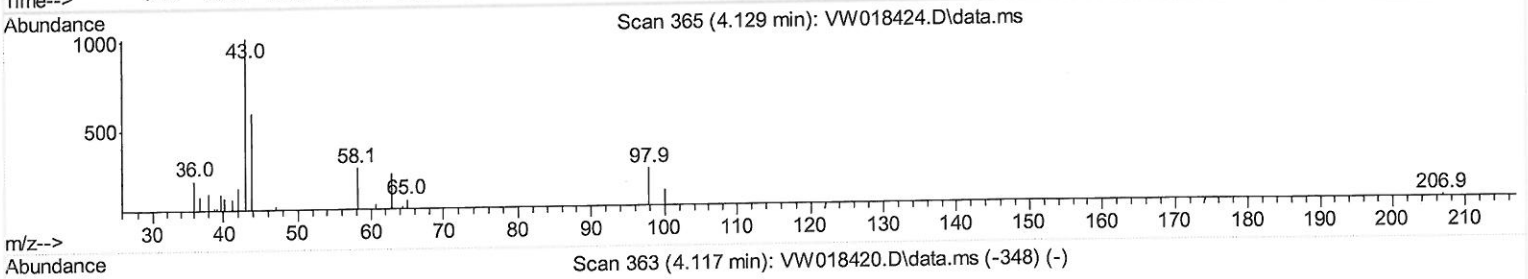

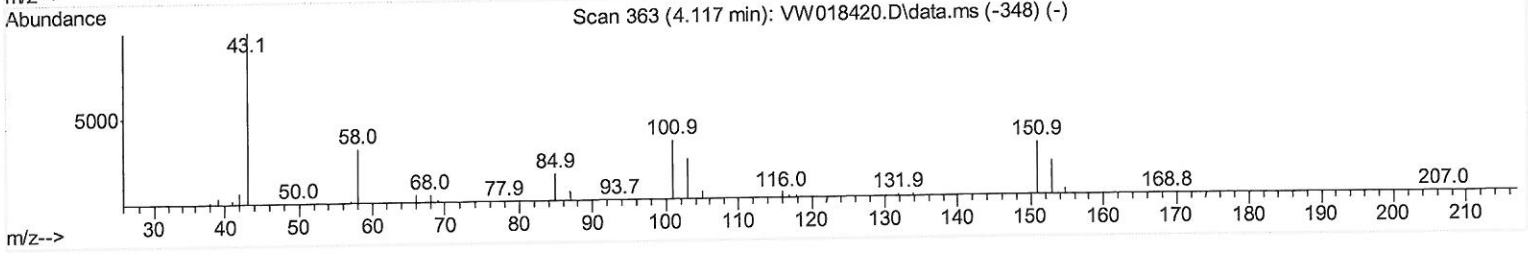

TIC: VW018424.D\data.ms

(13) Acetone (T)

4.129min (+ 0.012) 2.88 ug/L m

response 3409

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	11.50
0.00	0.00	0.00
0.00	0.00	0.00

JMD 3/30/21

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Manual Integrations APPROVED
SAM
3/26/2021 6:06:40 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	531990	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	485677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	214426	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	177706	24.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.00%			
7) Chloroethane-d5	2.892	69	158597	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.88%			
10) 1,1-Dichloroethene-d2	4.013	63	213234	16.68	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.72%			
20) 2-Butanone-d5	7.074	46	73077	44.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.68%			
24) Chloroform-d	7.647	84	292898	21.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.48%			
26) 1,2-Dichloroethane-d4	8.305	65	177743	22.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.88%			
29) Benzene-d6	8.269	84	569070	22.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.16%			
33) 1,2-Dichloropropane-d6	9.275	67	165126	22.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.68%			
37) Toluene-d8	10.323	98	526334	21.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.68%			
38) trans-1,3-Dichloroprop...	10.579	79	78410	20.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.64%			
39) 2-Hexanone-d5	10.921	63	60208	41.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.62%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	140213	21.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.20%			
61) 1,2-Dichlorobenzene-d4	13.853	152	162743	21.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.40%			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	3651	0.36	ug/L #	1
13) Acetone	4.129	43	3409m	2.88	ug/L	
16) Methylene chloride	4.909	84	13872m	1.59	ug/L	
22) cis-1,2-Dichloroethene	7.171	96	1594	0.21	ug/L	74
30) Cyclohexane	7.952	56	3061	0.27	ug/L #	54
36) Methylcyclohexane	9.329	83	3258	0.24	ug/L #	87
44) Toluene	10.384	91	7560	0.24	ug/L	88
53) Ethylbenzene	11.731	91	8236	0.23	ug/L	96
55) o-xylene	12.164	106	3027	0.23	ug/L	90
58) 1,1,2,2-Tetrachloroethane	12.713	83	2266	0.34	ug/L #	80
63) 1,3-Dichlorobenzene	13.493	146	4433	0.32	ug/L	94
64) 1,4-Dichlorobenzene	13.573	146	4860	0.35	ug/L	90
65) 1,2-Dichlorobenzene	13.865	146	4103	0.33	ug/L #	80
68) 1,2,4-trichlorobenzene	15.127	180	3802	0.45	ug/L	95
70) 1,2,3-Trichlorobenzene	15.548	180	3552	0.48	ug/L	99

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

MD 3/30/21