

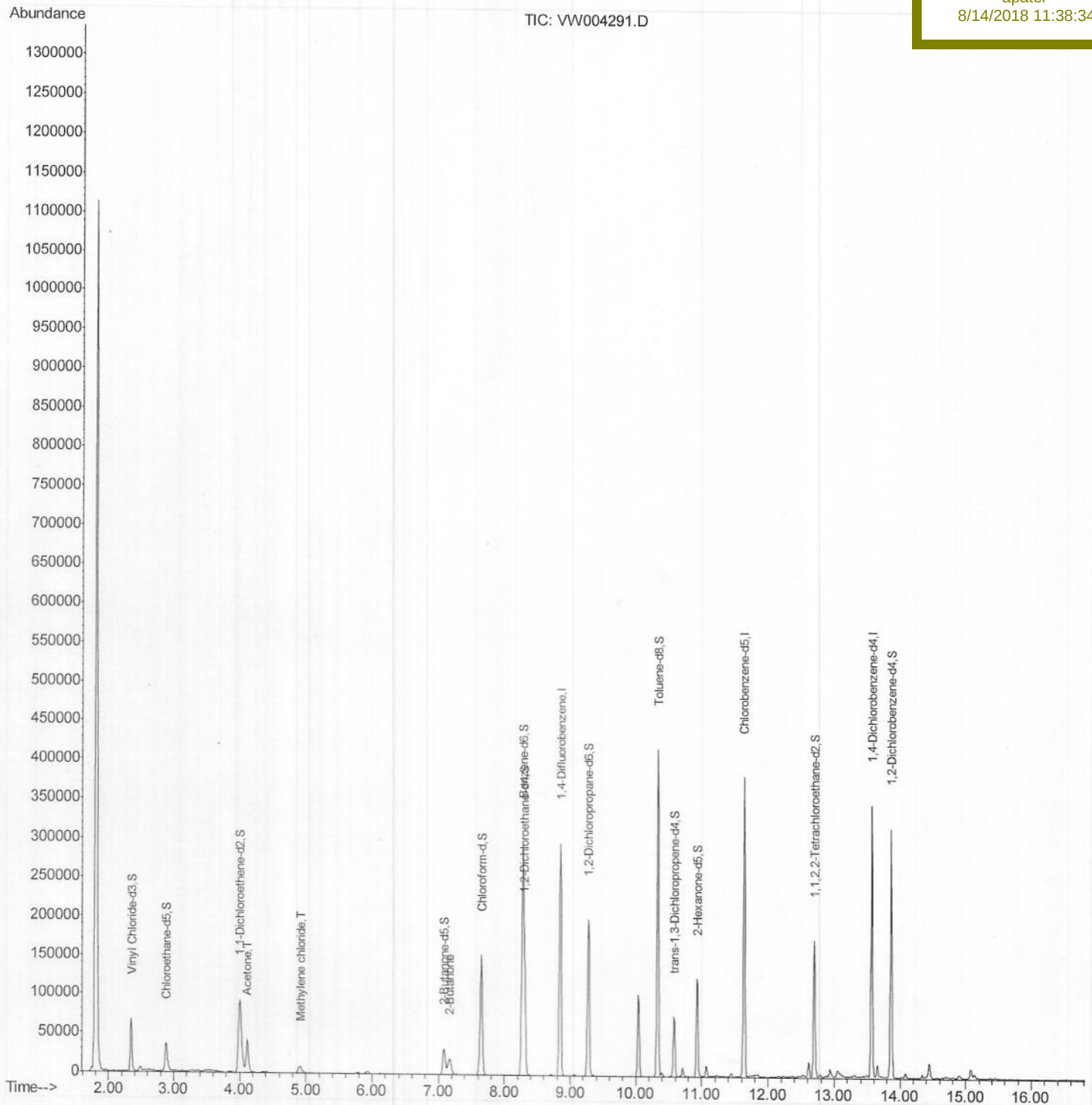
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004291.D
Acq On : 28 Jul 2018 00:57
Operator : SY/AP
Sample : J4204-07
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 03:48:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
JJ1J4

Manual Integrations
APPROVED

apatel
8/14/2018 11:38:34 AM



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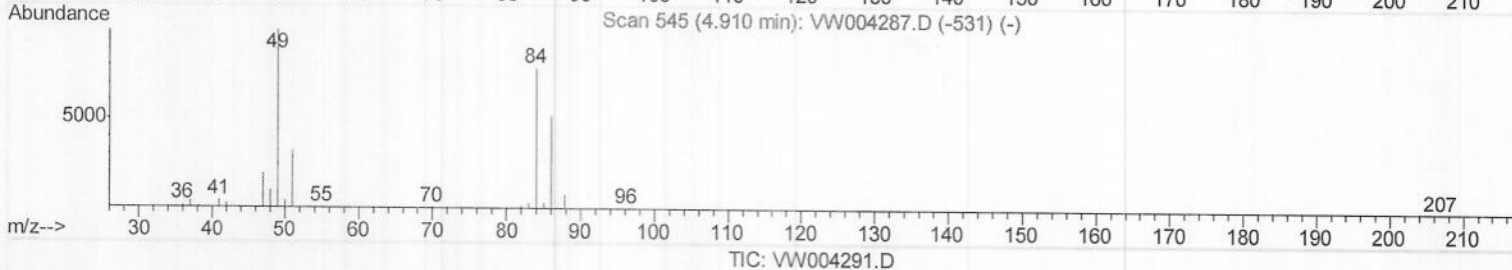
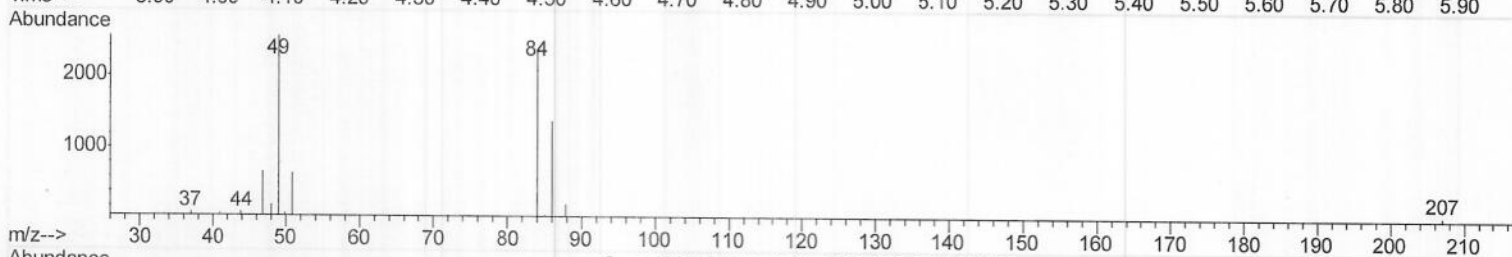
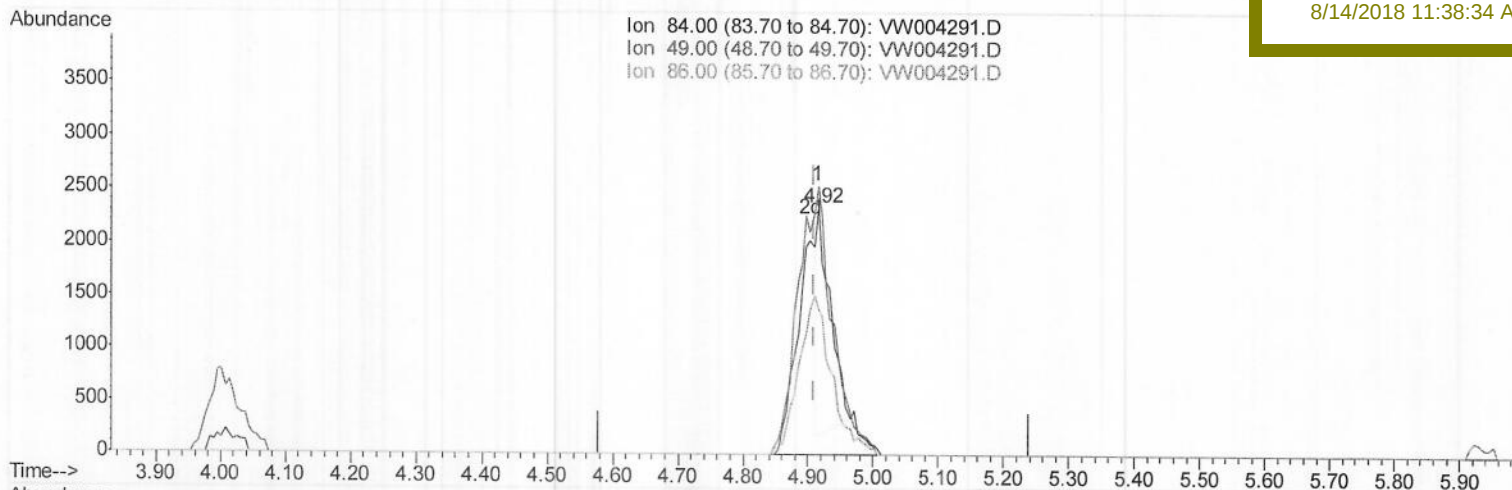
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(16) Methylene chloride (T)

4.916min (+0.006) 0.89ug/L

response 3111

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	108.51
86.00	63.50	59.20
0.00	0.00	0.00

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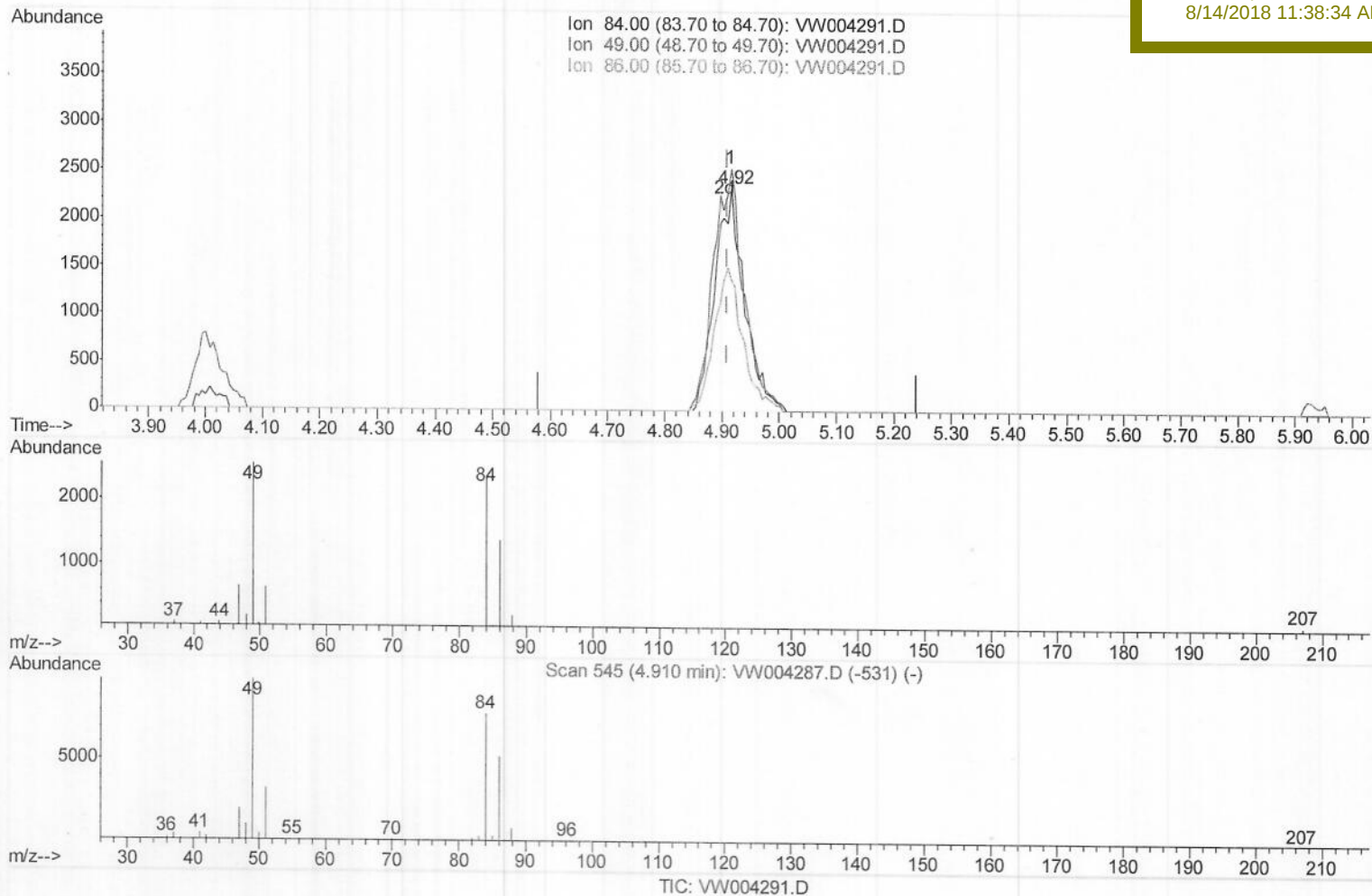
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JJ1J4

Manual Integrations
APPROVED

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8/14/2018 11:38:34 AM



(16) Methylene chloride (T)

4.916min (+0.006) 2.42ug/L m

) MD 07/31/18

response 8458

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	108.51
86.00	63.50	59.20
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.85	114	249578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	214724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	92226	25.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) Vinyl Chloride-d3	2.34	65	75649	30.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.44%			
7) Chloroethane-d5	2.89	69	51840	28.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.48%			
10) 1,1-Dichloroethene-d2	4.00	63	115029	19.18	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.72%			
20) 2-Butanone-d5	7.08	46	54161	38.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.16%			
24) Chloroform-d	7.65	84	157104	24.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.36%			
26) 1,2-Dichloroethane-d4	8.31	65	99256	25.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.28%			
29) Benzene-d6	8.27	84	304738	26.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.12%			
33) 1,2-Dichloropropane-d6	9.28	67	93893	24.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.24%			
37) Toluene-d8	10.33	98	283548	26.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.44%			
38) trans-1,3-Dichloropropene-	10.58	79	41602	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.88%			
39) 2-Hexanone-d5	10.93	63	40528	40.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.50%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	85048	22.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.00%			
61) 1,2-Dichlorobenzene-d4	13.86	152	88993	25.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.24%			

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue.
13) Acetone	4.12	43	69146	48.143	ug/L	99
16) Methylene chloride	4.92	84	8458m)	2.417	ug/L	99
21) 2-Butanone	7.18	43	23053	12.734	ug/L	93

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

MD07/31/18