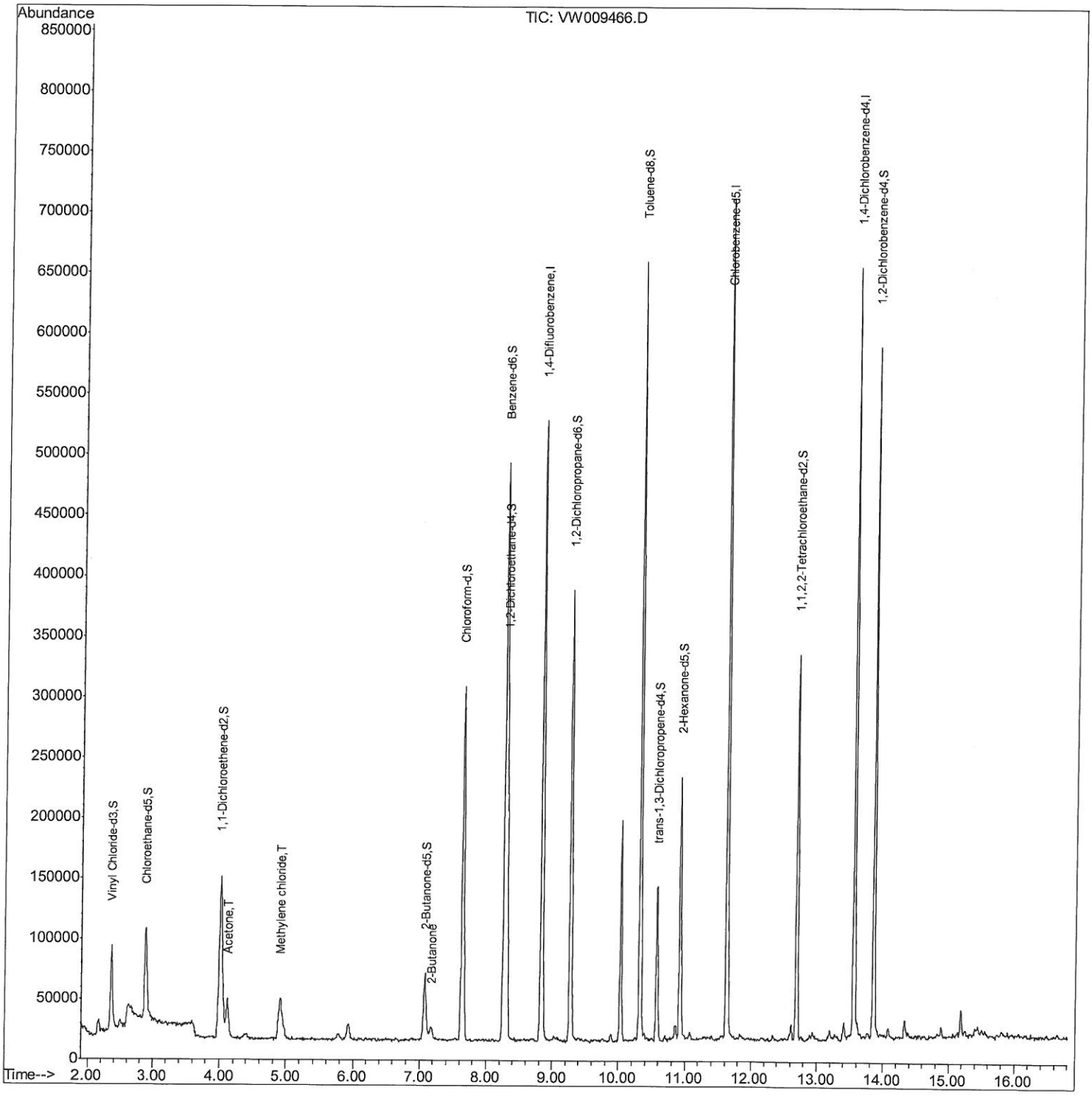
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009466.D
Acq On : 26 Mar 2019 14:56
Operator : SY/VA
Sample : K2044-01
Misc : 5.49G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 07:28:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5T1

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:44 PM



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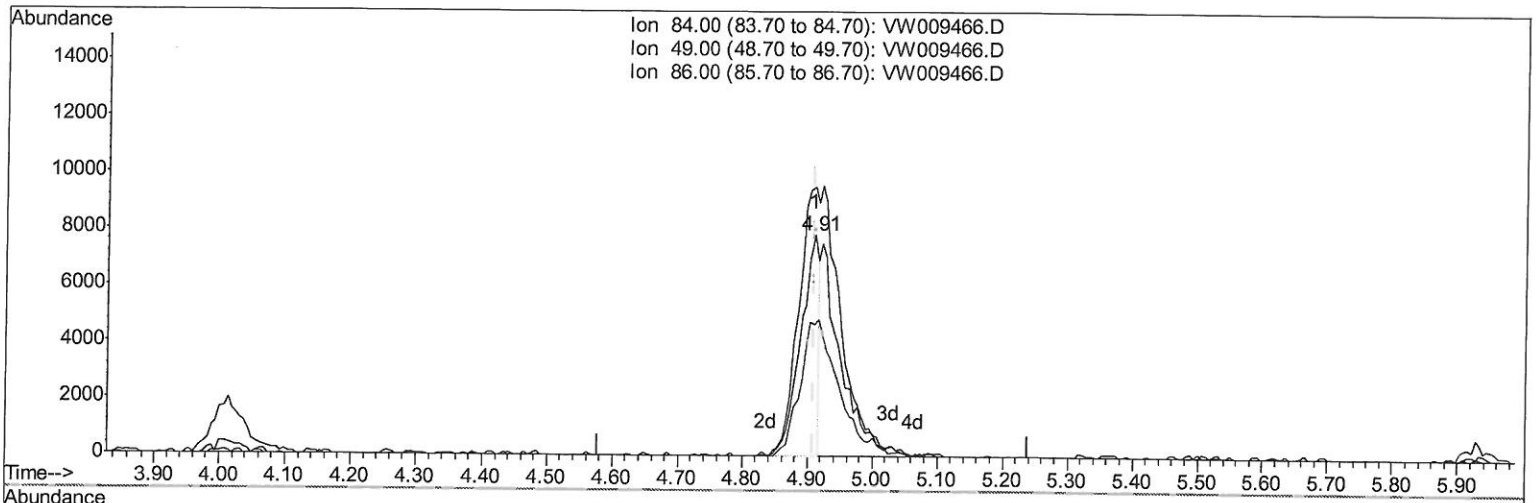

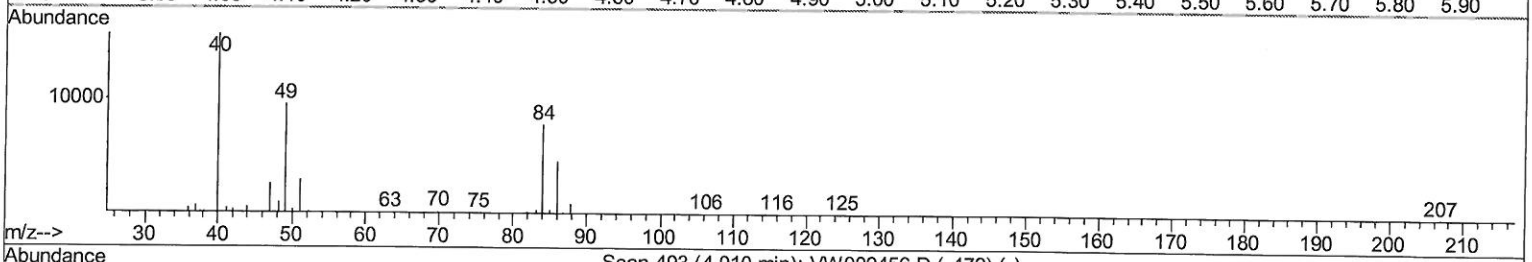

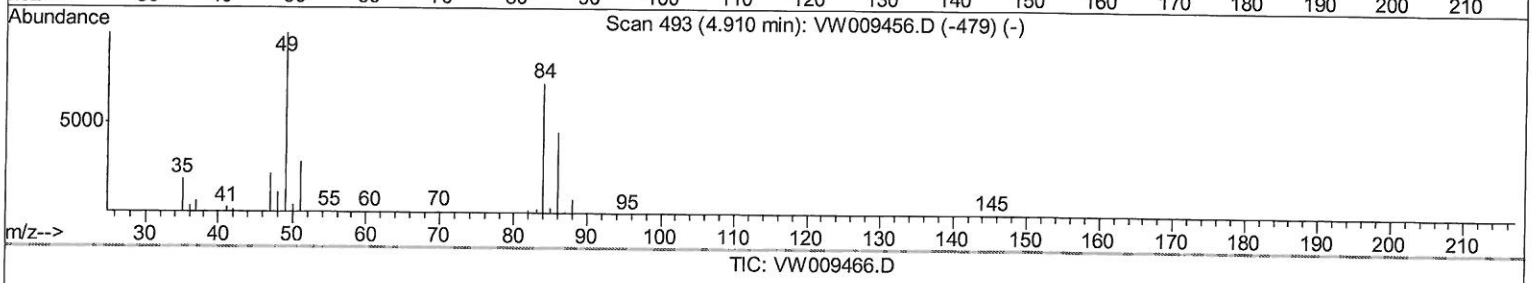

TIC: VW009466.D

(16) Methylene chloride (T)

4.909min (-0.000) 2.65ug/L

response 15274

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.83
86.00	63.50	59.40
0.00	0.00	0.00

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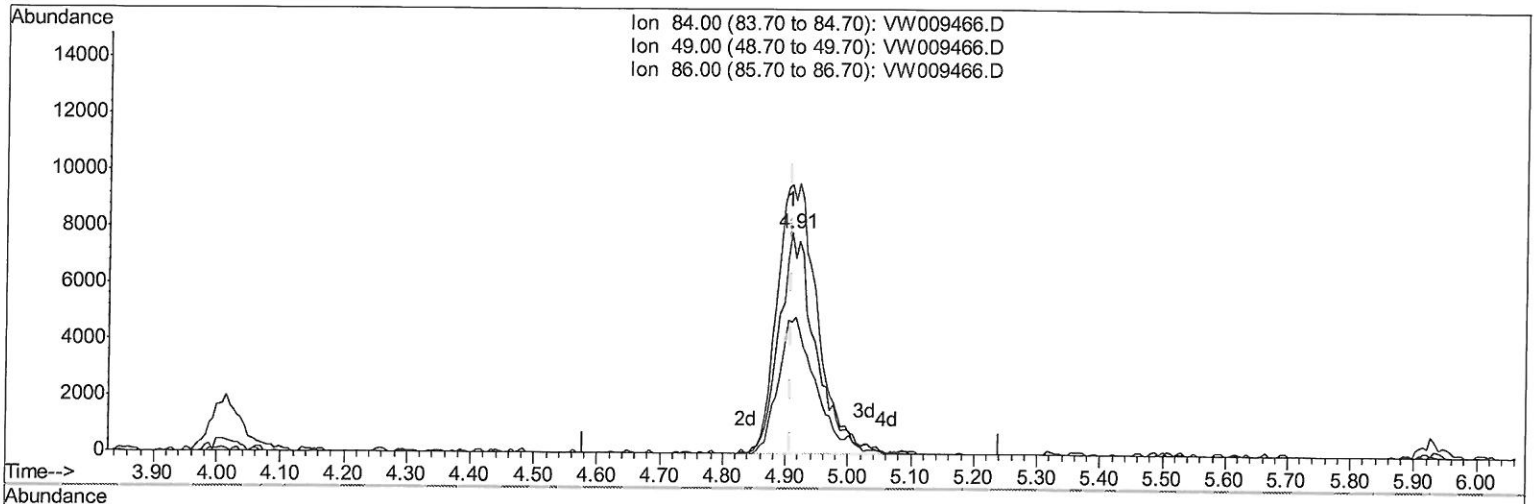

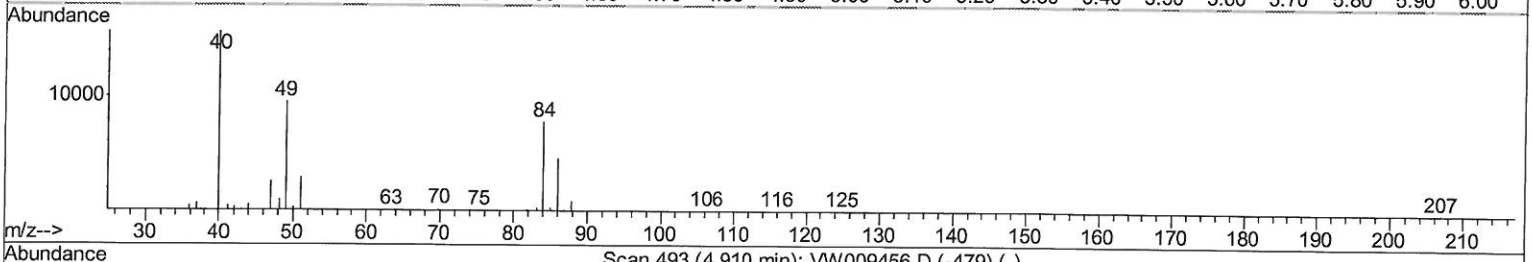

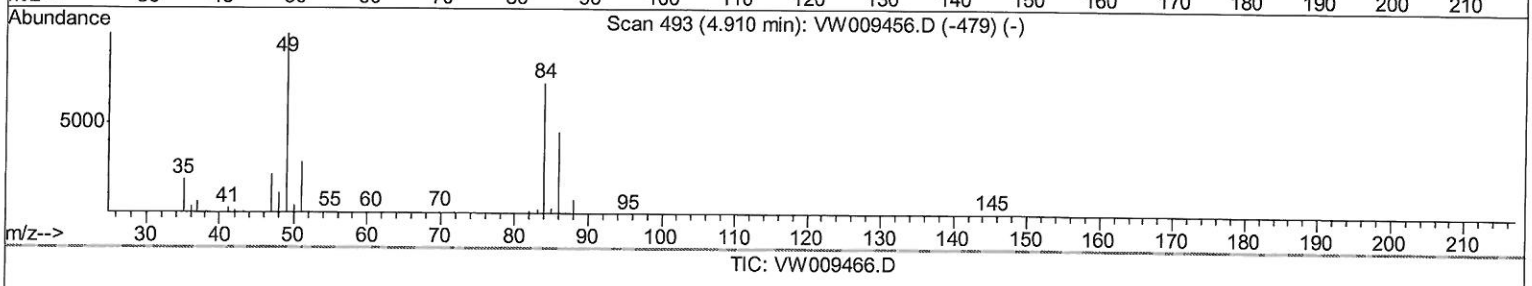

TIC: VW009466.D

(16) Methylene chloride (T)

4.909min (-0.000) 5.51ug/L m

response 31706

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.83
86.00	63.50	59.40
0.00	0.00	0.00

JMD 4/16/19

Quantitation Report (Qedit)

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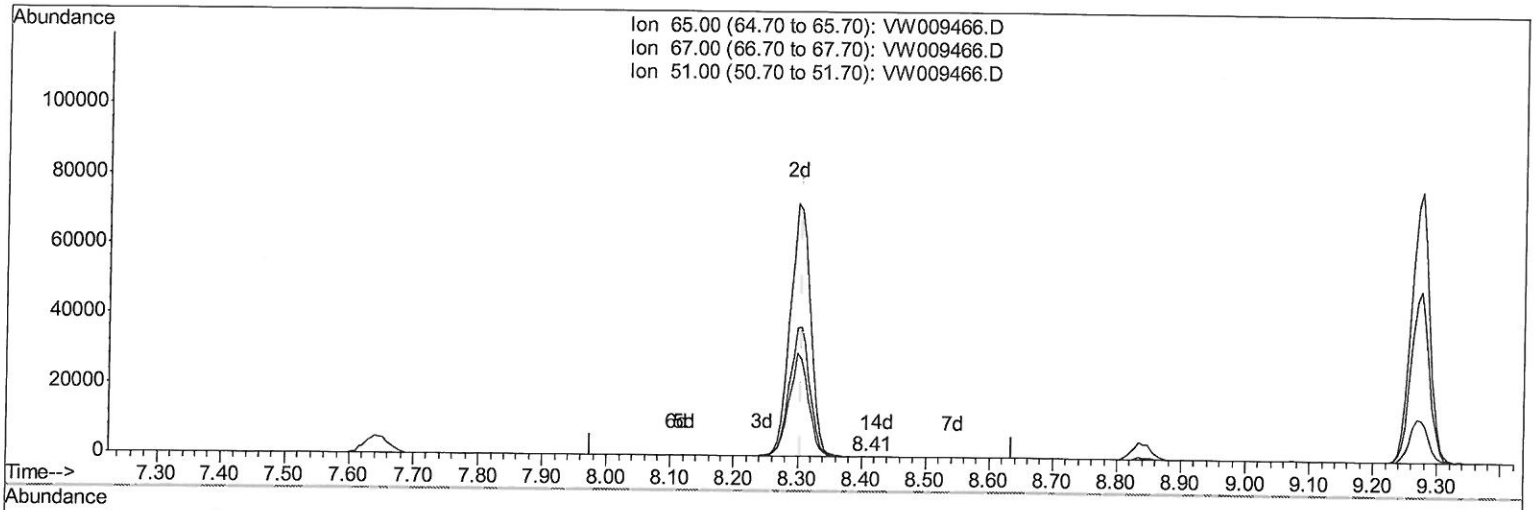

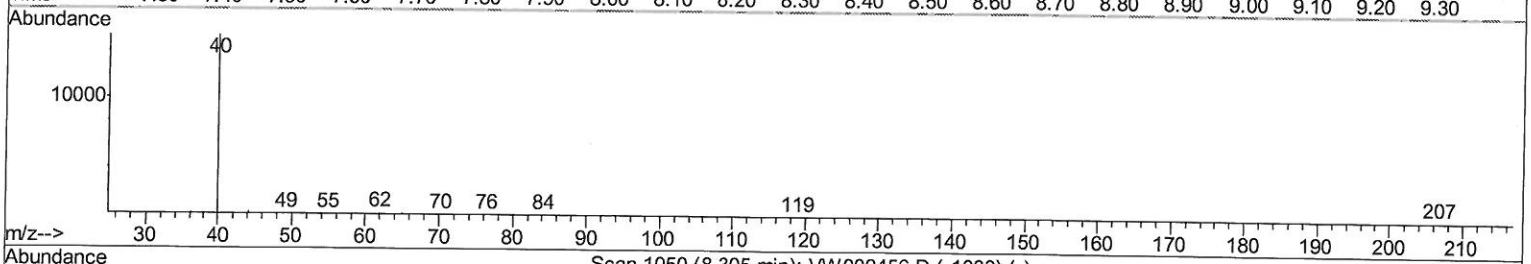

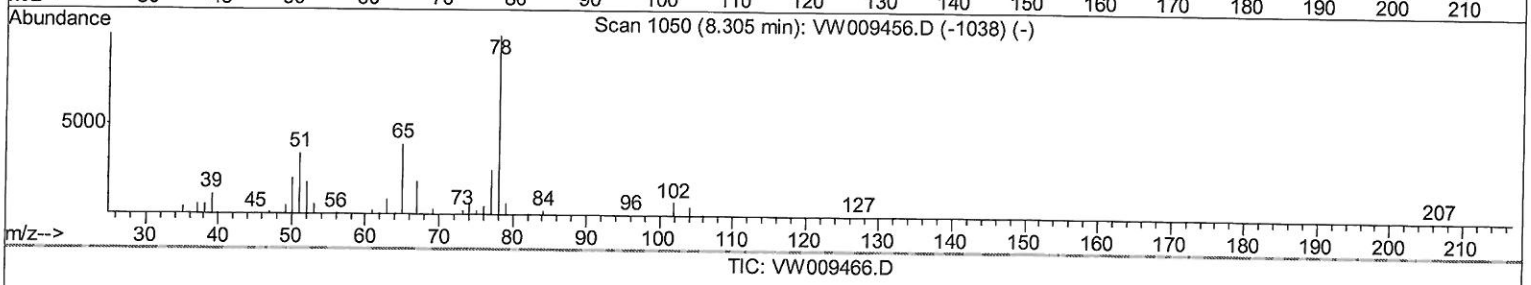

TIC: VW009466.D

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

8.408min (+0.103) 0.02ug/L

response 117

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	52.99
51.00	97.70	81.20
0.00	0.00	0.00

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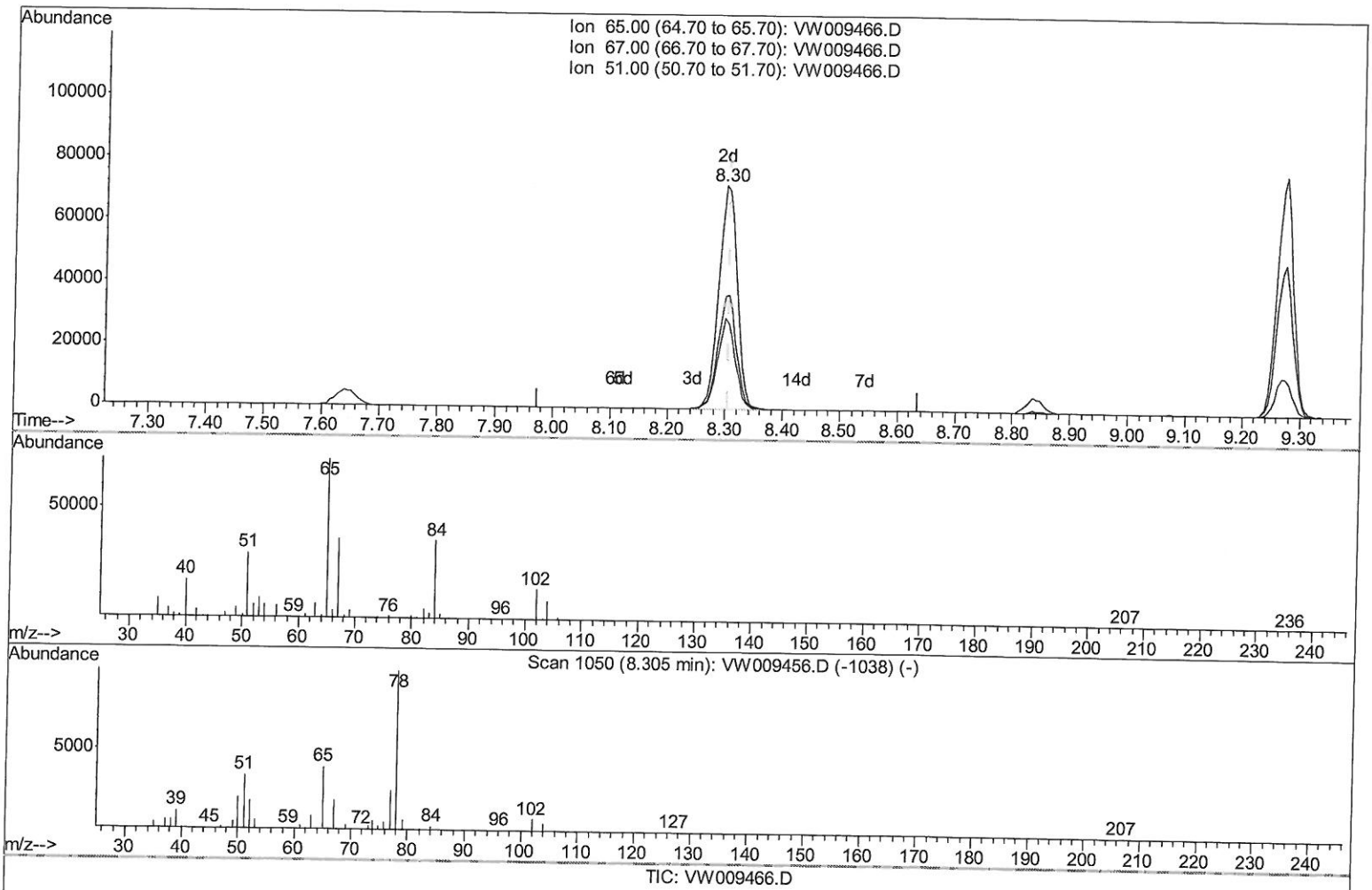
Manual Integrations APPROVED
MMDadoda
3/30/2019 12:36:44 PM



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

8.299min (-0.007) 24.65ug/L m

response 159909

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.04#
51.00	97.70	0.06#
0.00	0.00	0.00

7MD 4/16/19

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_W
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Manual Integrations APPROVED
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3/30/2019 12:36:44 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151546	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	96013	20.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.44%			
7) Chloroethane-d5	2.89	69	109207	19.79	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.16%			
10) 1,1-Dichloroethene-d2	4.01	63	161434	15.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.36%			
20) 2-Butanone-d5	7.08	46	90828	46.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.14%			
24) Chloroform-d	7.64	84	261597	24.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.16%			
26) 1,2-Dichloroethane-d4	8.30	65	159909m	24.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%			
29) Benzene-d6	8.27	84	463364	22.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.36%			
33) 1,2-Dichloropropane-d6	9.27	67	151071	24.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.20%			
37) Toluene-d8	10.32	98	397677	21.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.80%			
38) trans-1,3-Dichloropropene-	10.58	79	63741	20.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.32%			
39) 2-Hexanone-d5	10.93	63	62842	42.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.18%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138809	23.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.56%			
61) 1,2-Dichlorobenzene-d4	13.86	152	140645	24.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
13) Acetone	4.12	43	49756	31.110	ug/L	97
16) Methylene chloride	4.91	84	31706m	5.509	ug/L	7
21) 2-Butanone	7.17	43	15473	7.007	ug/L	94

MD 4/6/19

MD 4/6/19

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