Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\

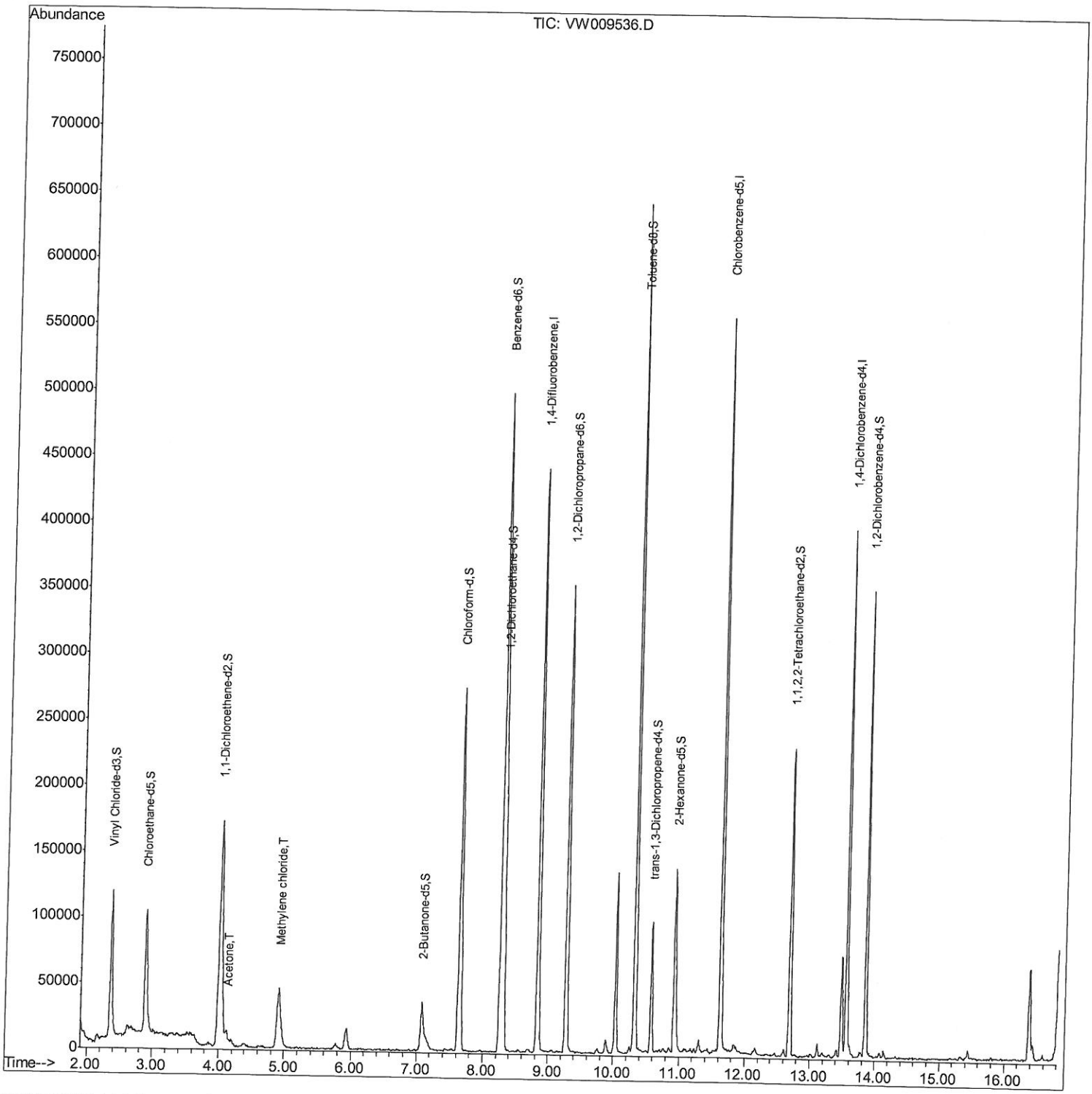
Quantitation Report (QT Reviewed)

Data File : VW009536.D
Acq On : 28 Mar 2019 14:19
Operator : SY/VA
Sample : K2084-04
Misc : 4.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 06:57:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF7W6

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:06:06 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\

Quantitation Report (Qedit)

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Operator : SY/VA
Sample : K2084-04
Misc : 4.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 05:38:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
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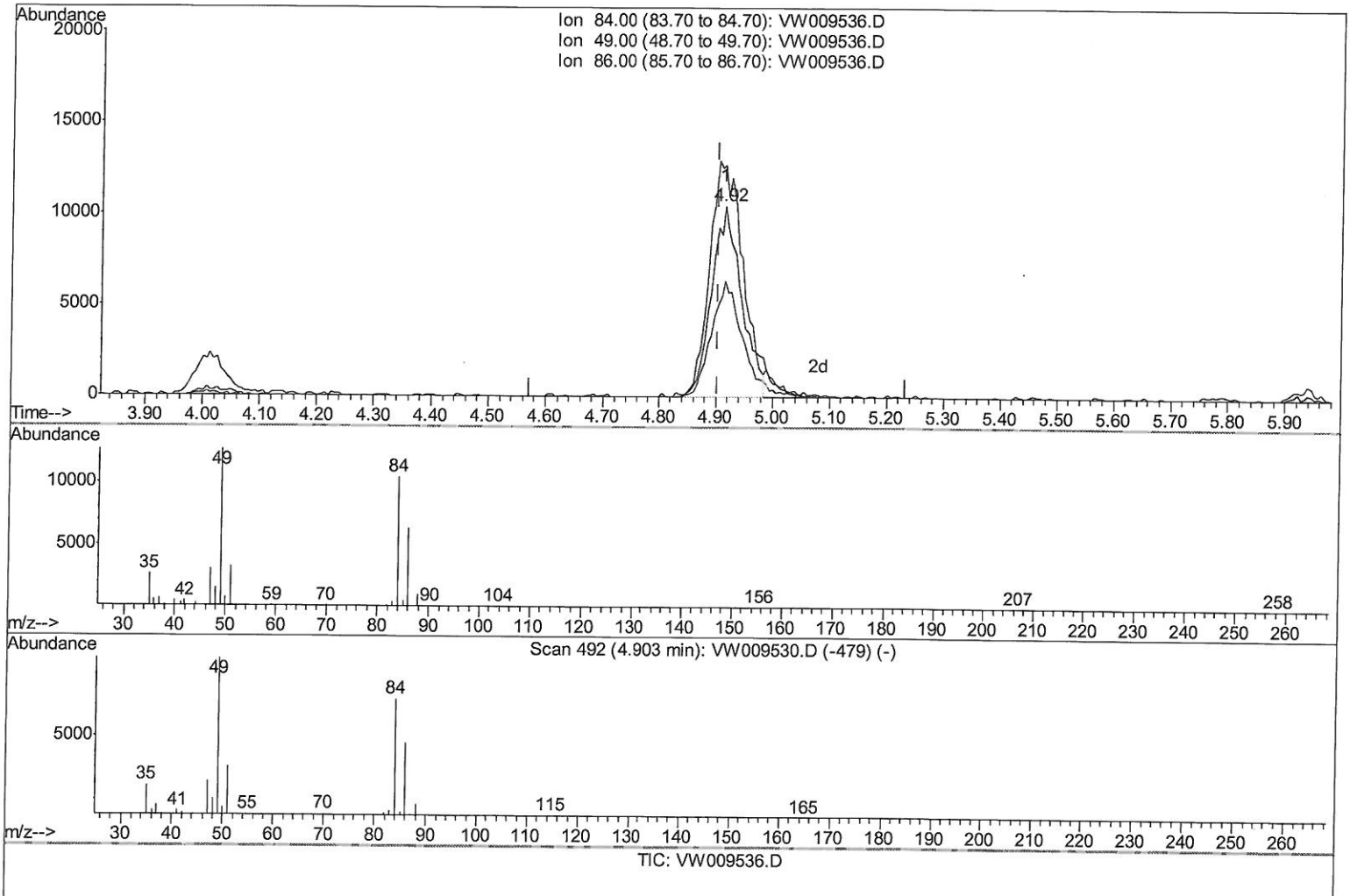
Manual Integrations APPROVED
MMDadoda
4/1/2019 4:06:06 AM



TIC: VW009536.D

(16) Methylene chloride (T)

4.915min (+0.012) 7.61ug/L

response 38587

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.07
86.00	63.50	60.72
0.00	0.00	0.00

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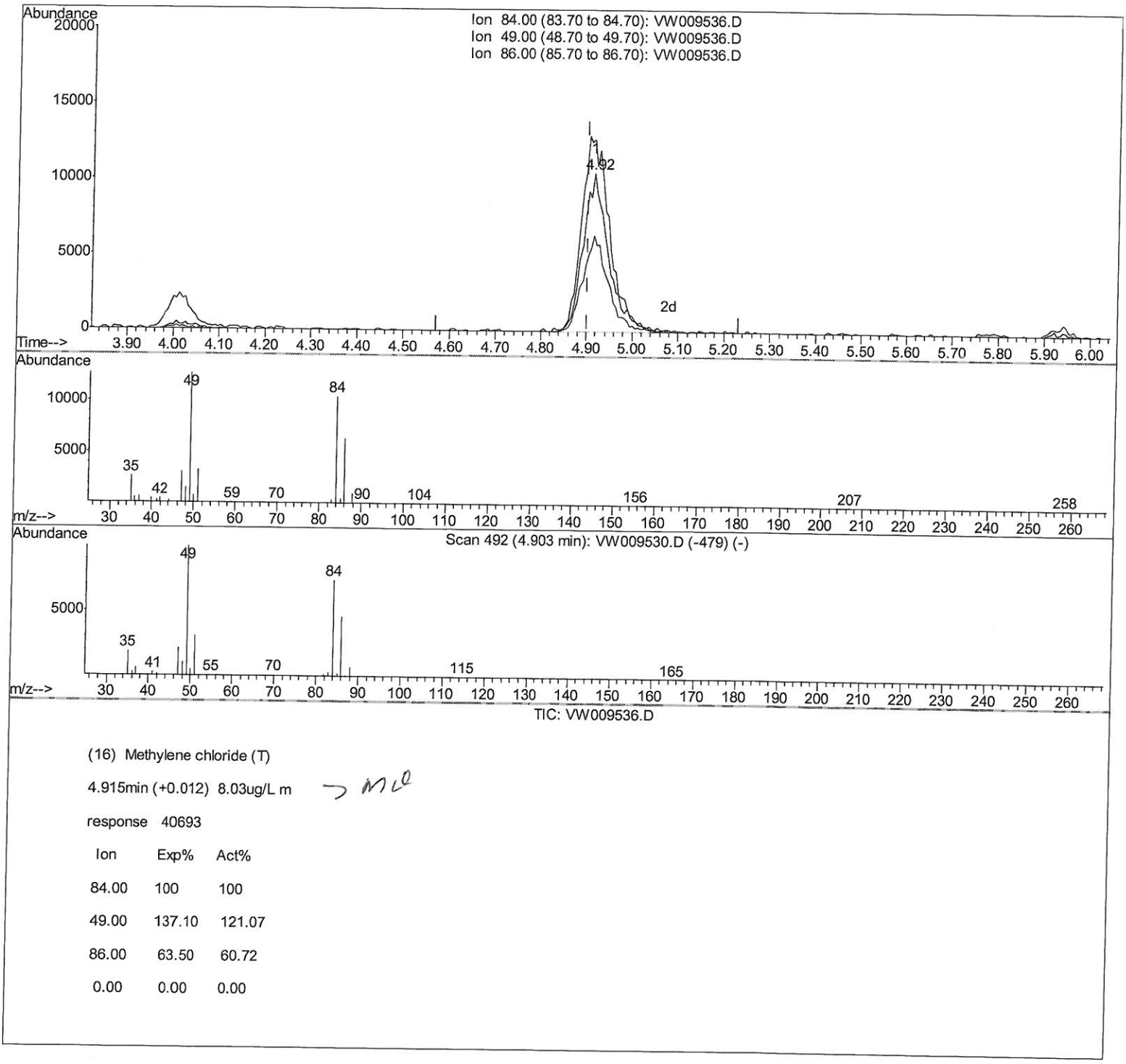
4/1/2019 4:06:06 AM



TIC: VW009536.D

(16) Methylene chloride (T)

4.915min (+0.012) 8.03ug/L m → MC

response 40693

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.07
86.00	63.50	60.72
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\

Quantitation Report (Qedit)

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MSVOA_W
ClientSampleId :
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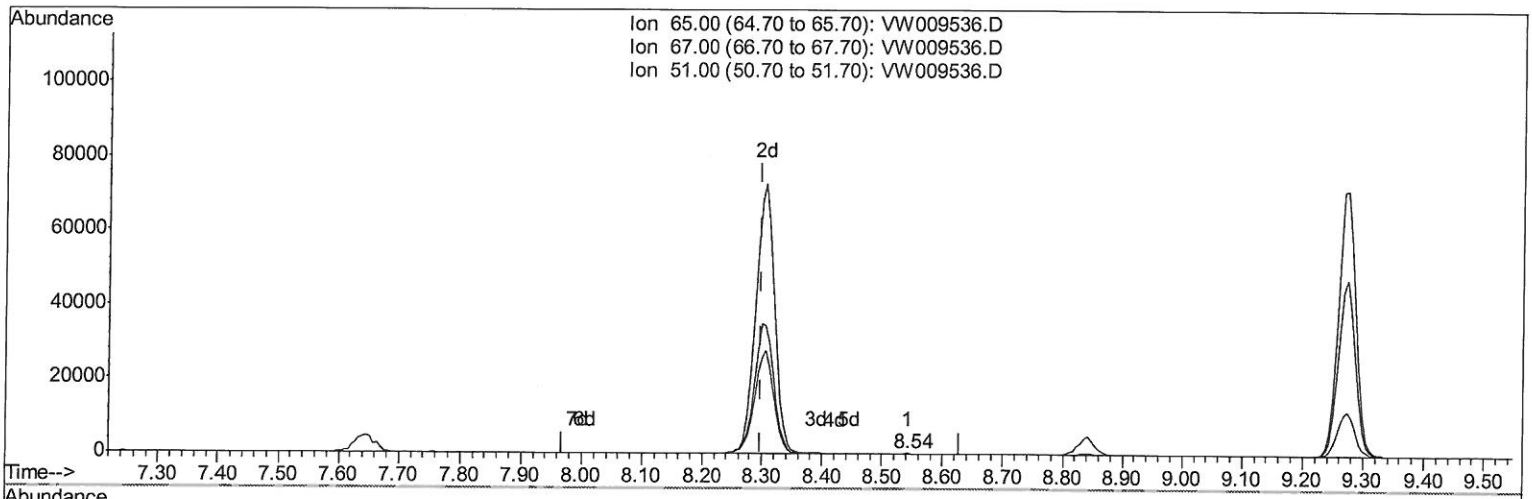
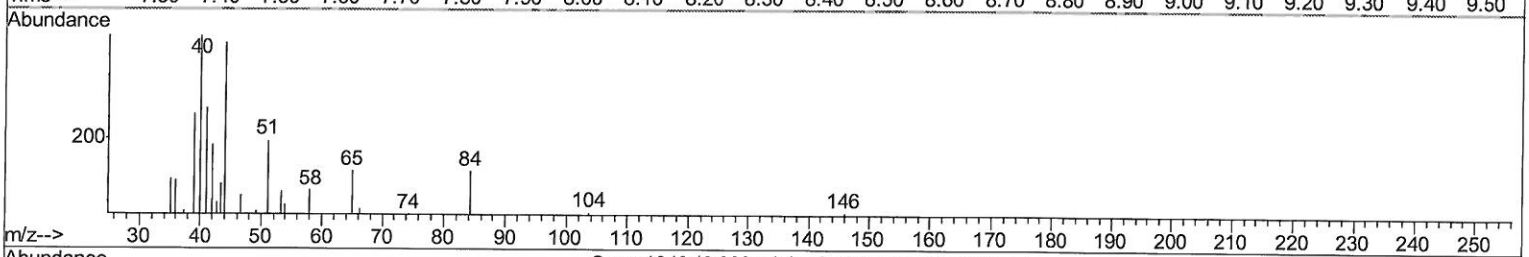
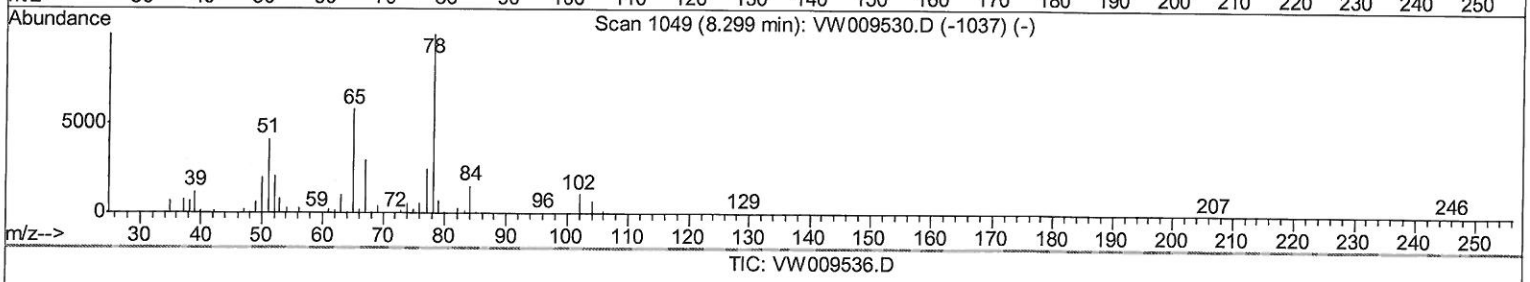
Manual Integrations APPROVED
MMDadoda
4/1/2019 4:06:06 AM







TIC: VW009536.D

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

8.543min (+0.244) 0.02ug/L

response 87

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	52.87
51.00	97.70	106.90
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\

Quantitation Report (Qedit)

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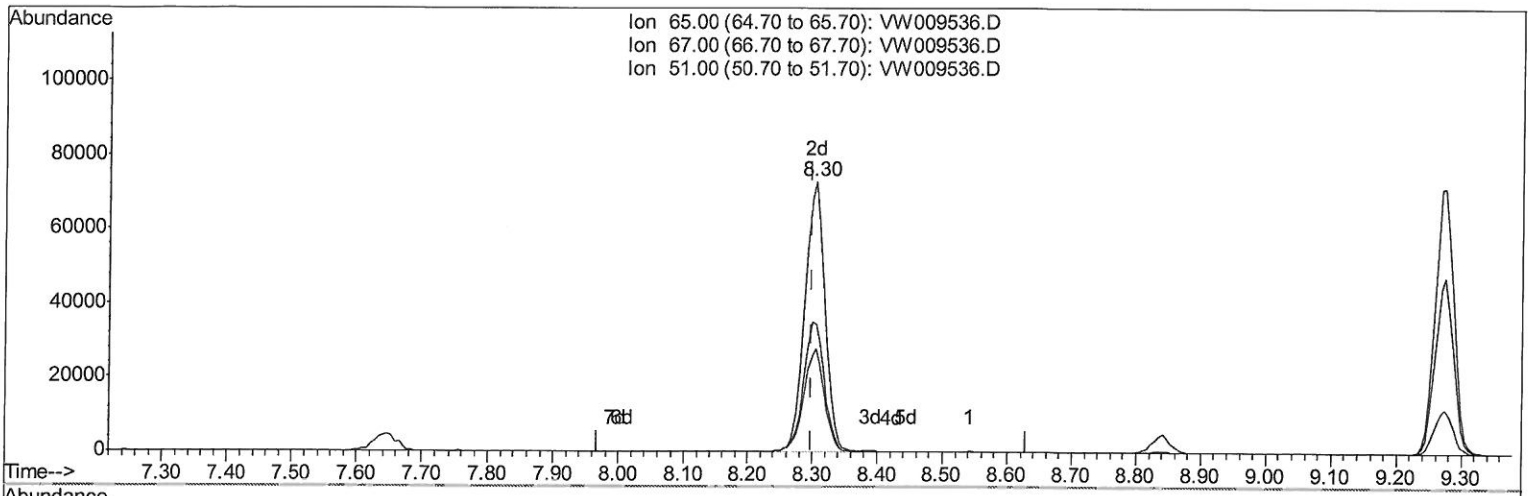
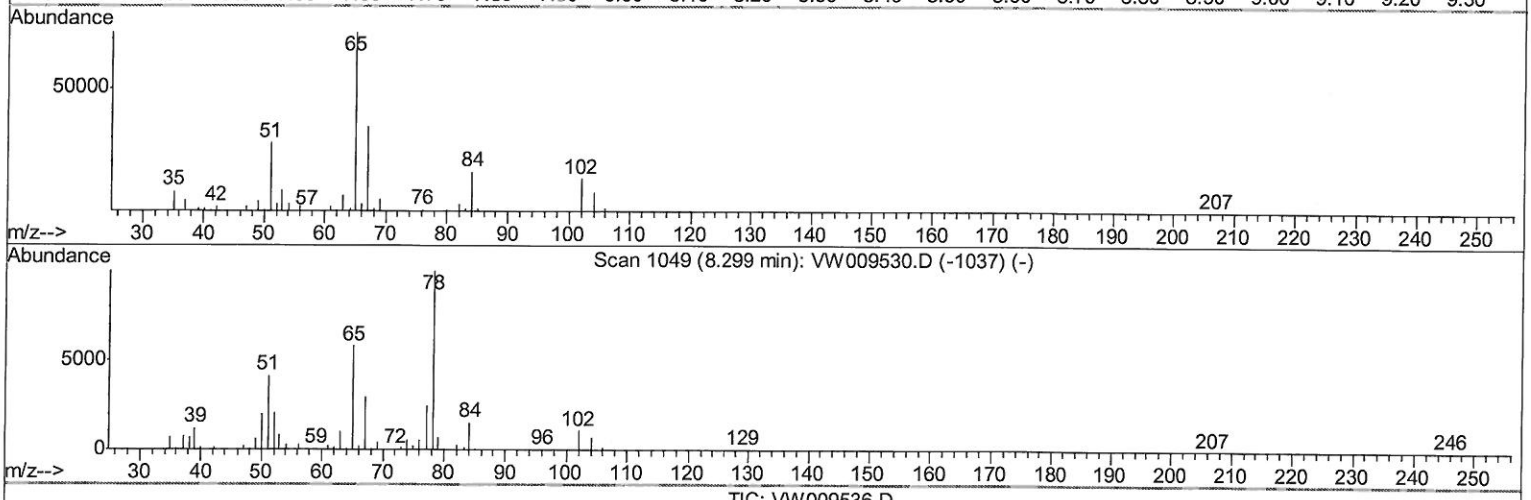
MSVOA_W
ClientSampleId :
BF7W6

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:06:06 AM





TIC: VW009536.D

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

8.305min (+0.006) 27.55ug/L m

response 157432

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.03#
51.00	97.70	0.06#
0.00	0.00	0.00

JMD 4/1/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\

Quantitation Report (QT Reviewed)

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Instrument : MSVOA_W
ClientSampleId : BF7W6

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:06:06 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289623	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94699	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	147591	35.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.12%			
7) Chloroethane-d5	2.89	69	133848	27.54	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.16%			
10) 1,1-Dichloroethene-d2	4.01	63	210413	23.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.76%			
20) 2-Butanone-d5	7.07	46	57740	33.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.22%			
24) Chloroform-d	7.65	84	253887	26.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.08%			
26) 1,2-Dichloroethane-d4	8.30	65	157432m	27.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.20%			
29) Benzene-d6	8.27	84	472957	29.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 118.44%			
33) 1,2-Dichloropropane-d6	9.27	67	143418	29.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.60%			
37) Toluene-d8	10.32	98	393920	26.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.68%			
38) trans-1,3-Dichloropropene-	10.58	79	47206	19.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.36%			
39) 2-Hexanone-d5	10.93	63	37851	32.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106637	22.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.28%			
61) 1,2-Dichlorobenzene-d4	13.86	152	86483	23.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.28%			
Target Compounds						Qvalue
13) Acetone	4.12	43	15043	10.679	ug/L	92
16) Methylene chloride	4.92	84	40693m	8.029	ug/L	

> MD 4/1/19

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