

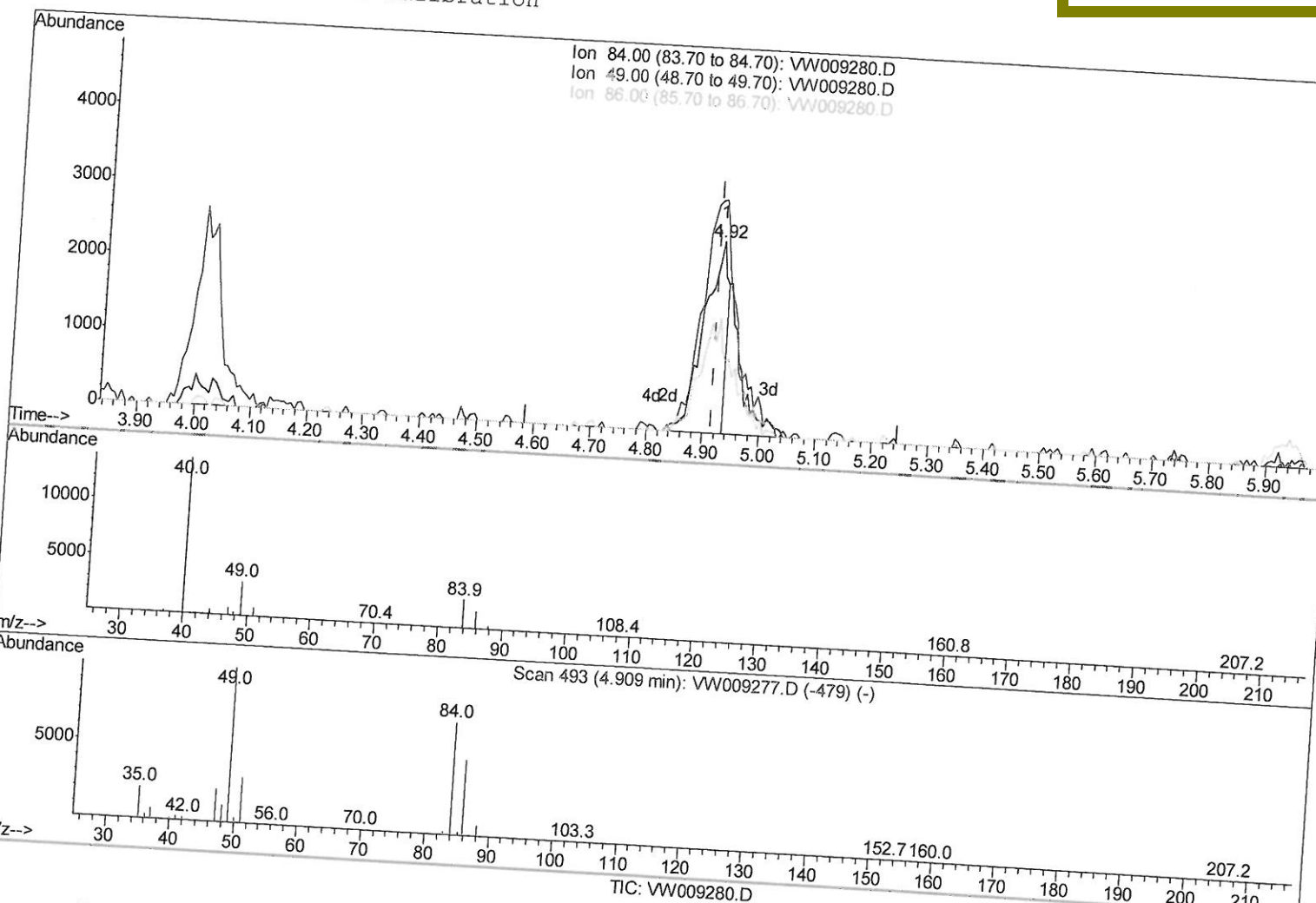
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032019\
 Data File : VW009280.D
 Acq On : 20 Mar 2019 12:00
 Operator : SY/VA
 Sample : K1986-02
 Misc : 6.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF0A9

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:20 AM

Quant Time: Mar 21 10:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration



(16) Methylene chloride (T)
 4.922min (+0.006) 1.07ug/L
 response 7020

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.66
86.00	63.50	60.29
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032019\
 Quantitation Report (Qedit)

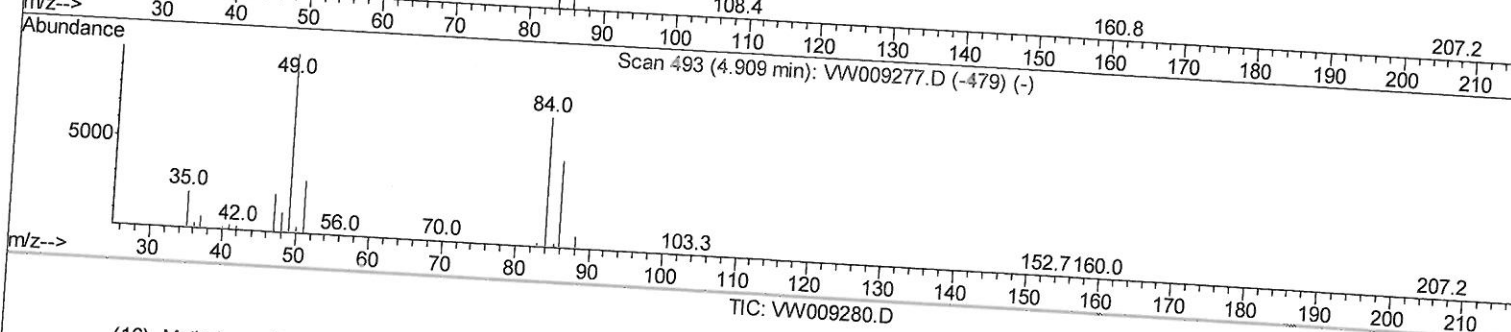
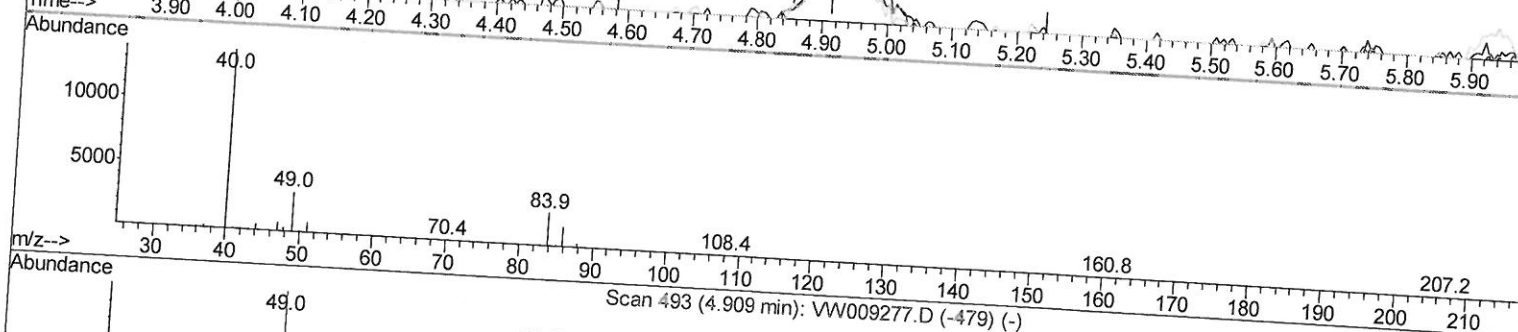
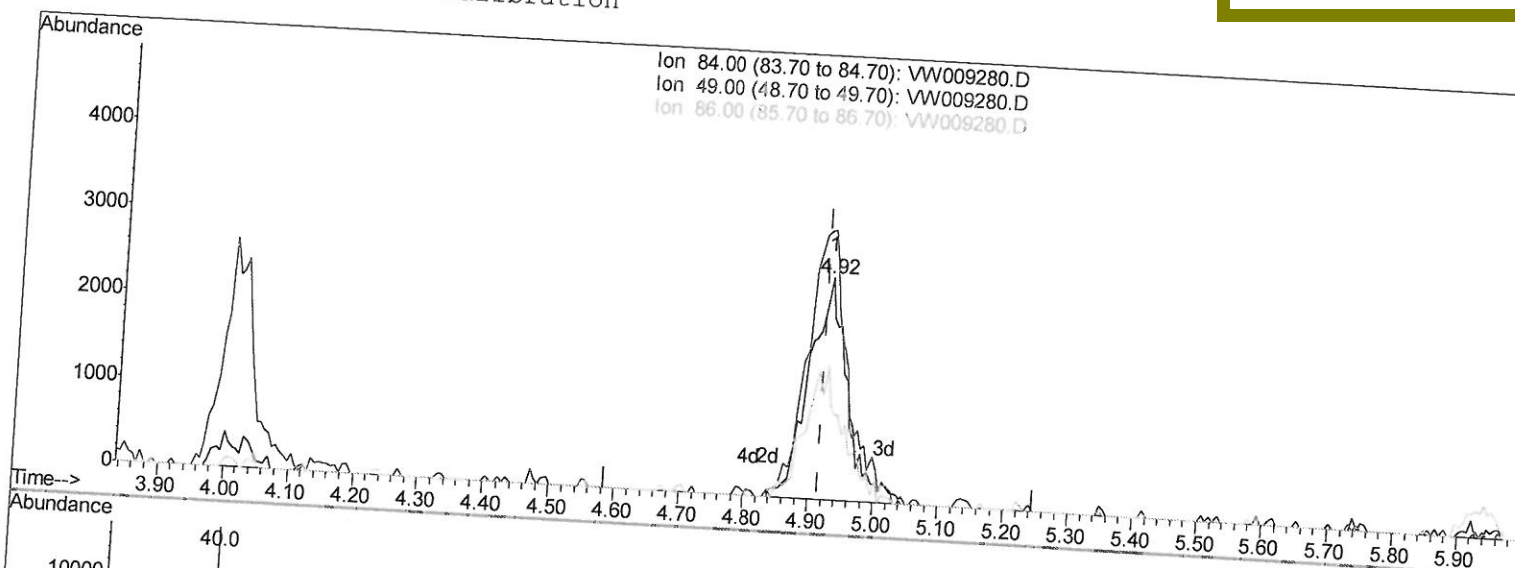
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(16) Methylene chloride (T)

4.922min (+0.006) 1.60ug/L m

response 10527

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	121.66
86.00	63.50	60.29
0.00	0.00	0.00

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Quantitation Report (Qedit)

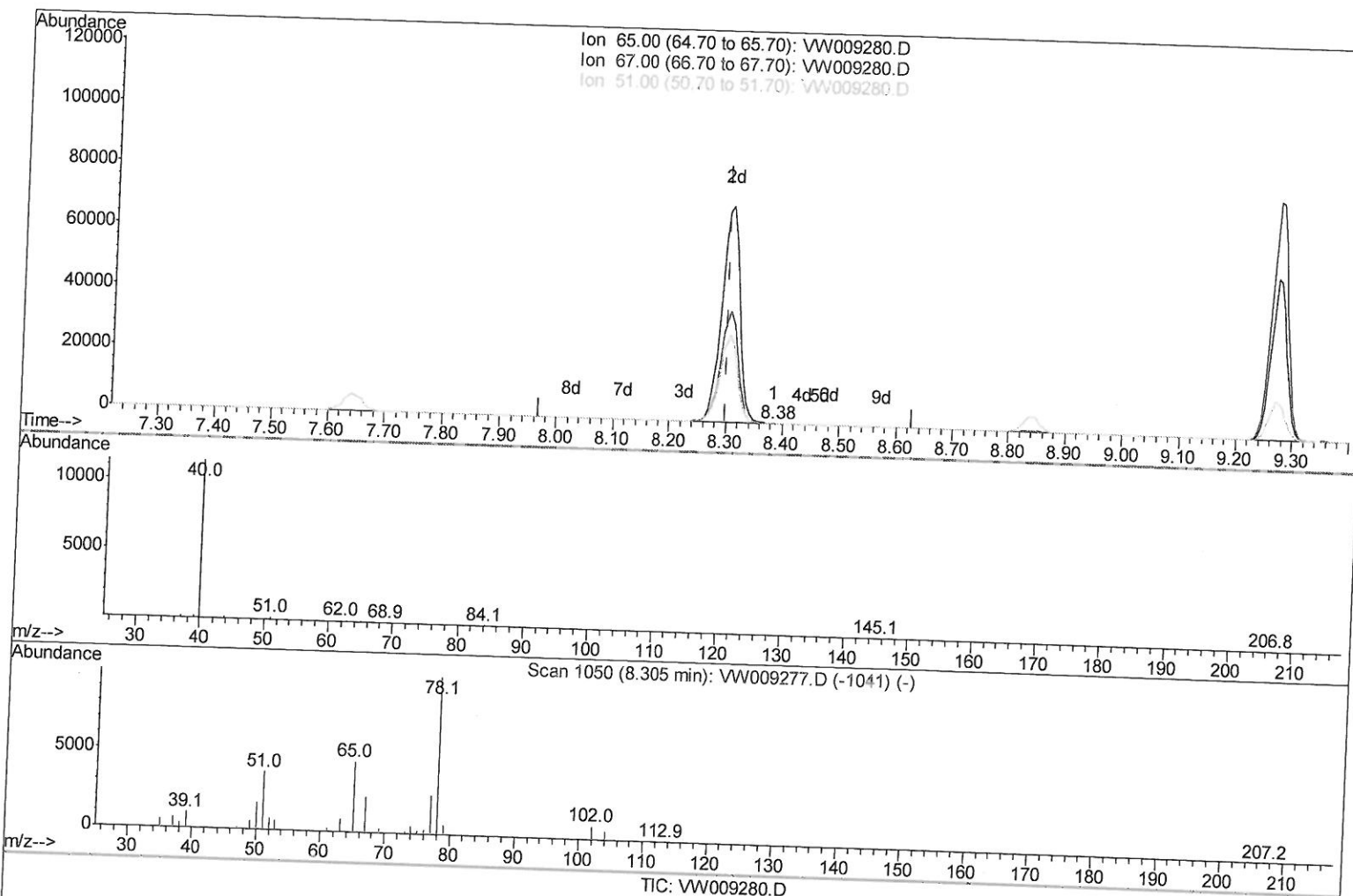
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Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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Quant Time: Mar 21 10:40:40 2019
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(26) 1,2-Dichloroethane-d4 (S)

8.384min (+0.085) 0.02ug/L

response 165

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	41.82
51.00	97.70	123.03
0.00	0.00	0.00

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Quantitation Report (Qedit)

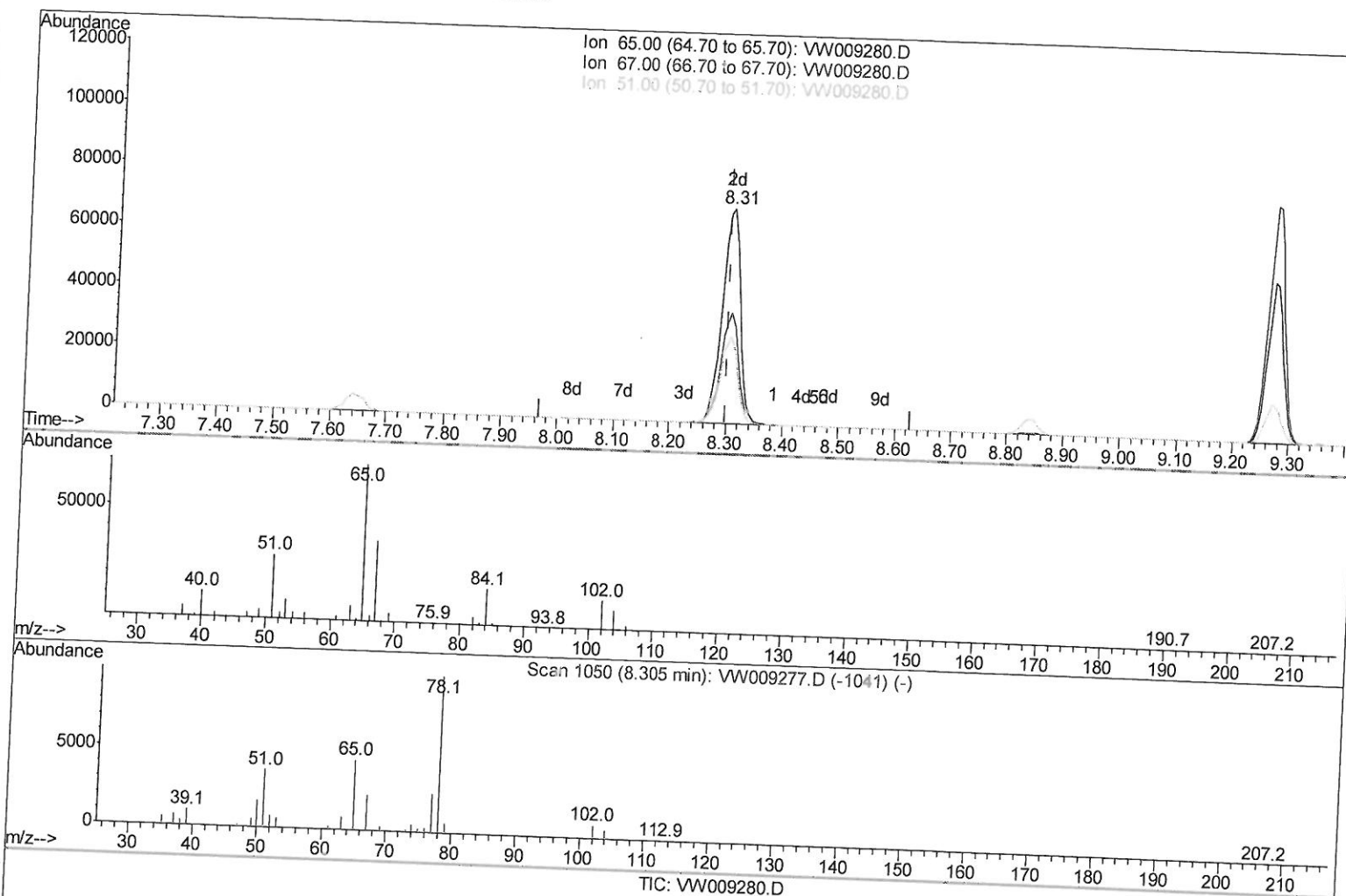
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Acq On : 20 Mar 2019 12:00
Operator : SY/VA
Sample : K1986-02
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
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(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 21.06ug/L m

response 156381

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.04#
51.00	97.70	0.13#
0.00	0.00	0.00

503/24/19 SY

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032019\
Quantitation Report (QT Reviewed)

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
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Manual Integrations
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Quant Time: Mar 21 14:05:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 10:17:44 2019
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Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene		8.84	114	451651	25.00	ug/L	0.00
28) Chlorobenzene-d5		11.63	117	407447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4		13.56	152	175555	25.00	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.36	65	137152	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%	
7) Chloroethane-d5		2.89	69	124848	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%	
10) 1,1-Dichloroethene-d2		4.01	63	210974	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%	
20) 2-Butanone-d5		7.08	46	80191	35.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.86%	
24) Chloroform-d		7.65	84	272334	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%	
26) 1,2-Dichloroethane-d4		8.31	65	156381m	21.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.24%	
29) Benzene-d6		8.27	84	527991	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%	
33) 1,2-Dichloropropane-d6		9.27	67	155014	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.88%	
37) Toluene-d8		10.32	98	476233	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%	
38) trans-1,3-Dichloropropene-		10.57	79	67798	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%	
39) 2-Hexanone-d5		10.93	63	60504	37.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.04%	
48) 1,1,2,2-Tetrachloroethane-		12.69	84	122544	18.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.76%	
61) 1,2-Dichlorobenzene-d4		13.86	152	151469	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%	
Target Compounds							
13) Acetone		4.12	43	26231	14.331	ug/L	Qvalue 98
14) Carbon disulfide		4.38	76	10878	0.727	ug/L	# 91
16) Methylene chloride		4.92	84	10527m	1.598	ug/L	# 95
47) Tetrachloroethene		10.86	164	17017	3.389	ug/L	

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

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