Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\

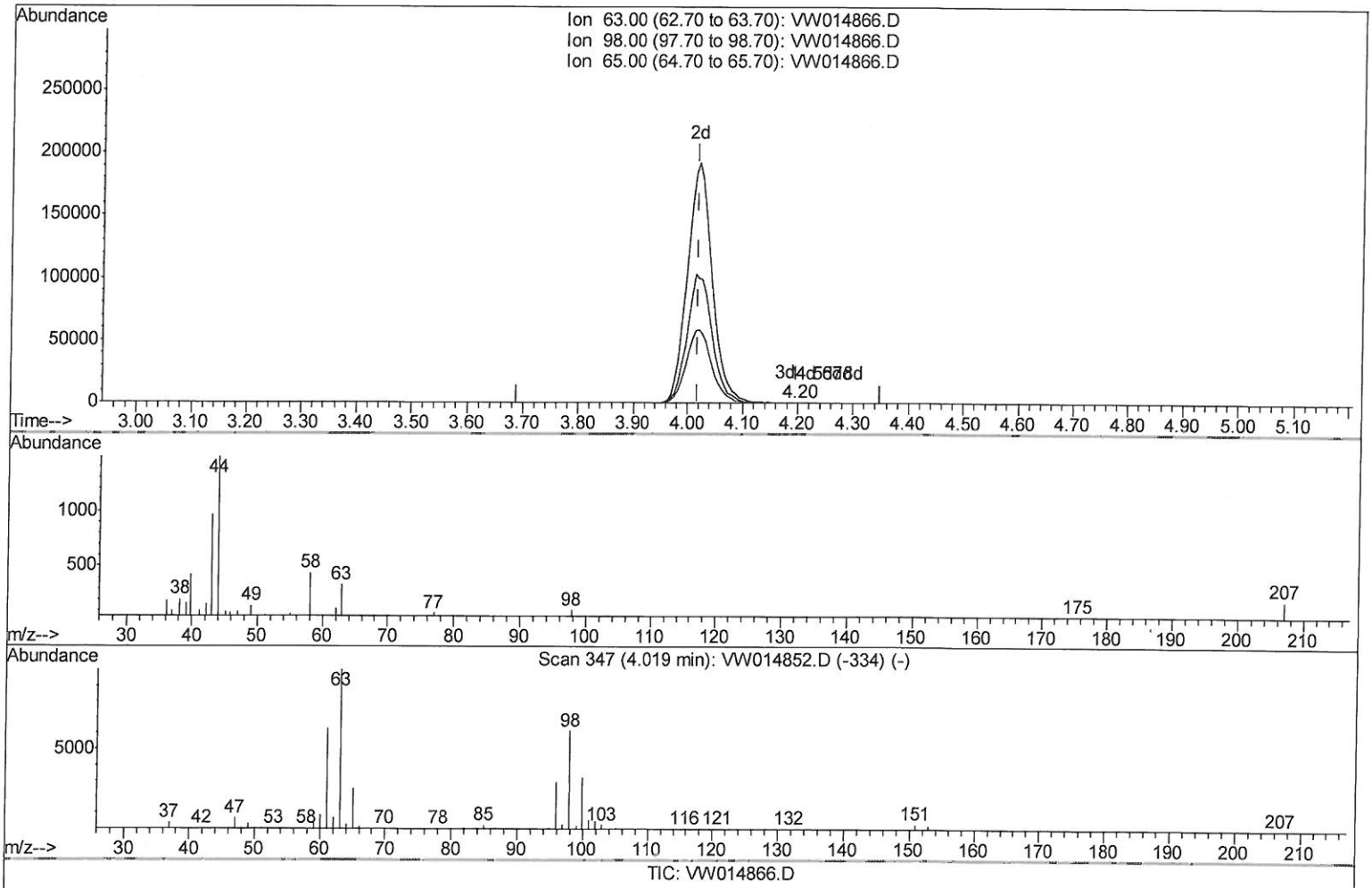
Quantitation Report (Qedit)

Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 05 03:45:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GAT65

Manual Integrations APPROVED
MMDadoda
2/5/2020 6:25:22 PM



(10) 1,1-Dichloroethene-d2 (S)

4.196min (+0.177) 0.01ug/L

response 363

Ion	Exp%	Act%
63.00	100	100
98.00	65.70	49.31
65.00	23.70	30.30
0.00	0.00	0.00

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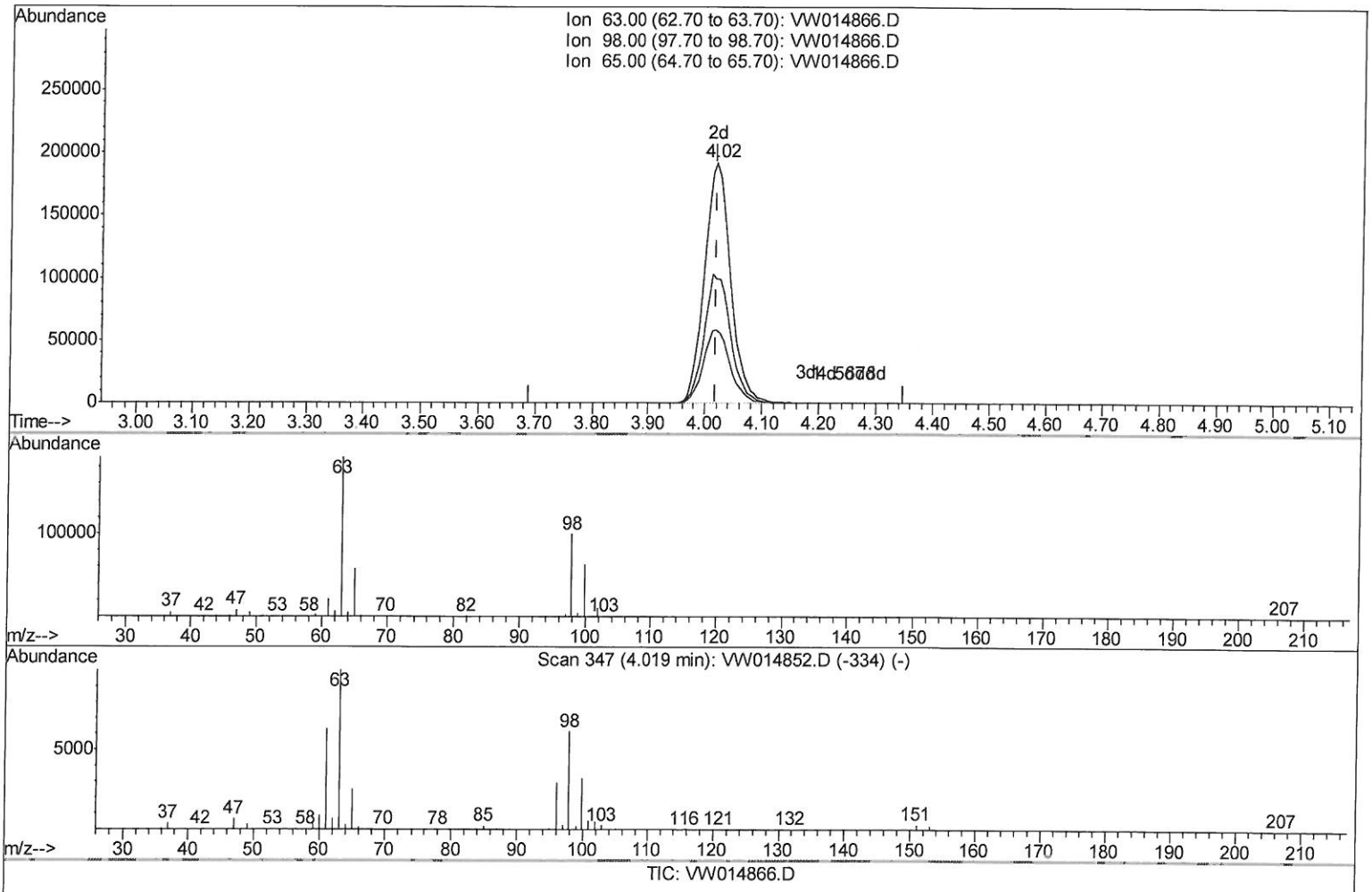

(10) 1,1-Dichloroethene-d2 (S)

4.019min (-0.000) 15.26ug/L m 02/05/2020

response 606749

Ion	Exp%	Act%
63.00	100	100
98.00	65.70	0.03#
65.00	23.70	0.02#
0.00	0.00	0.00

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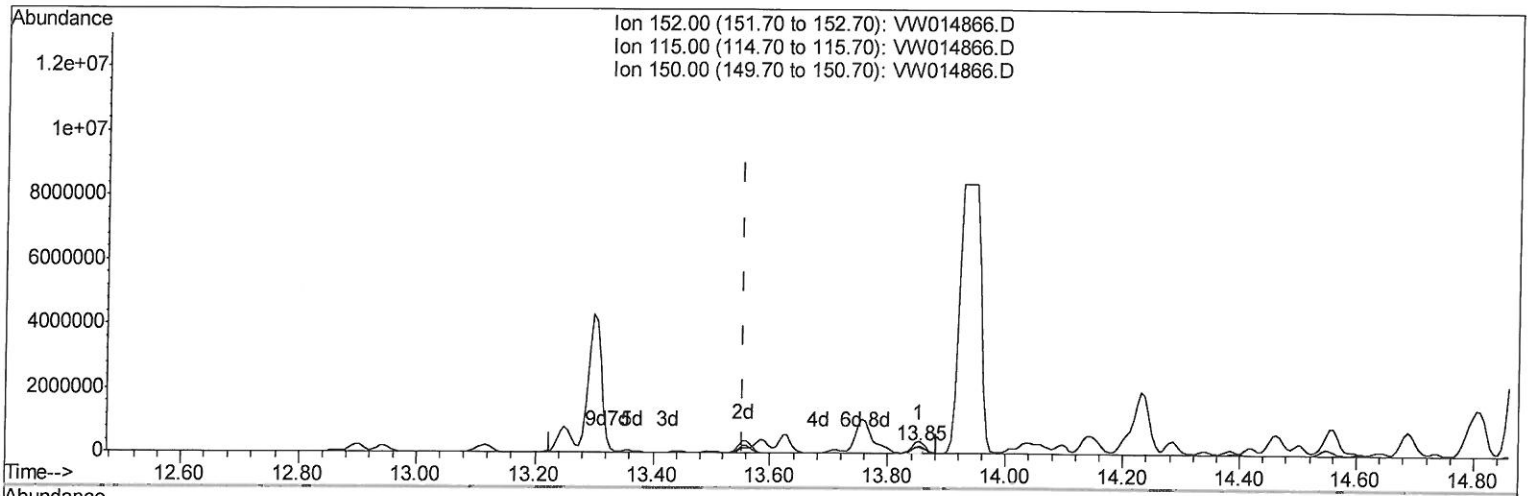

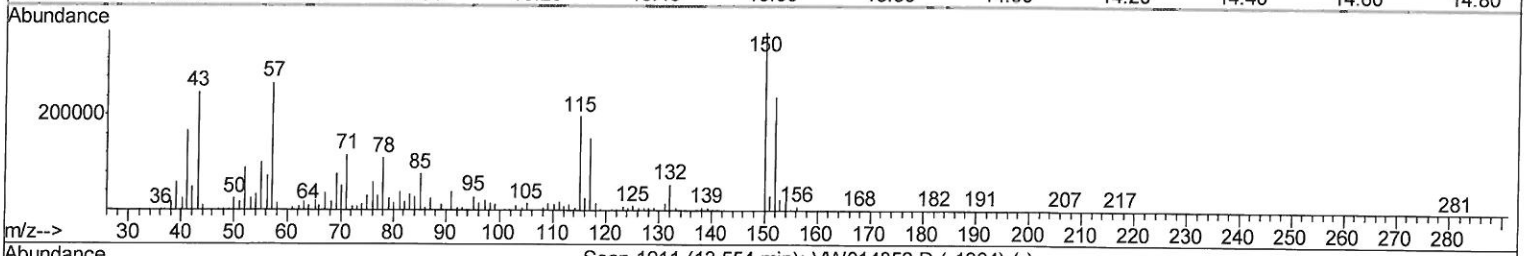

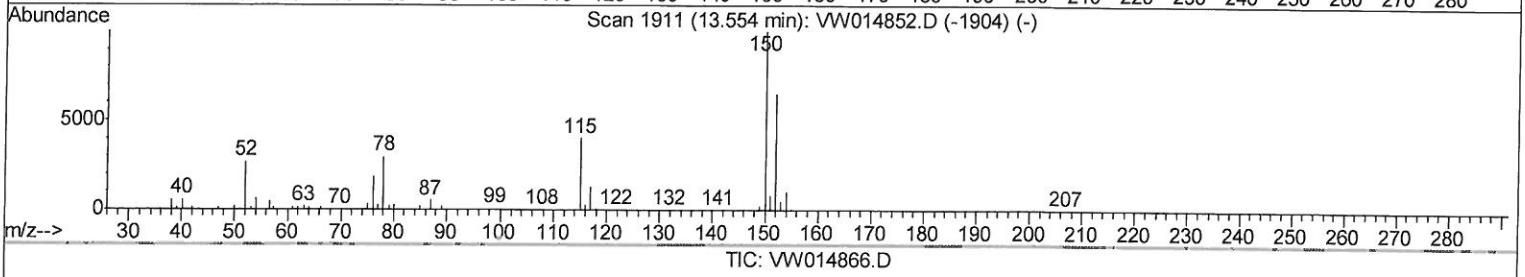

TIC: VW014866.D

(60) 1,4-Dichlorobenzene-d4 (I)

13.853min (+0.299) 25.00ug/L

response 316249

Ion	Exp%	Act%
152.00	100	100
115.00	60.60	75.76
150.00	170.80	156.63
0.00	0.00	0.00

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Instrument :
MSVOA_W
ClientSampleId :
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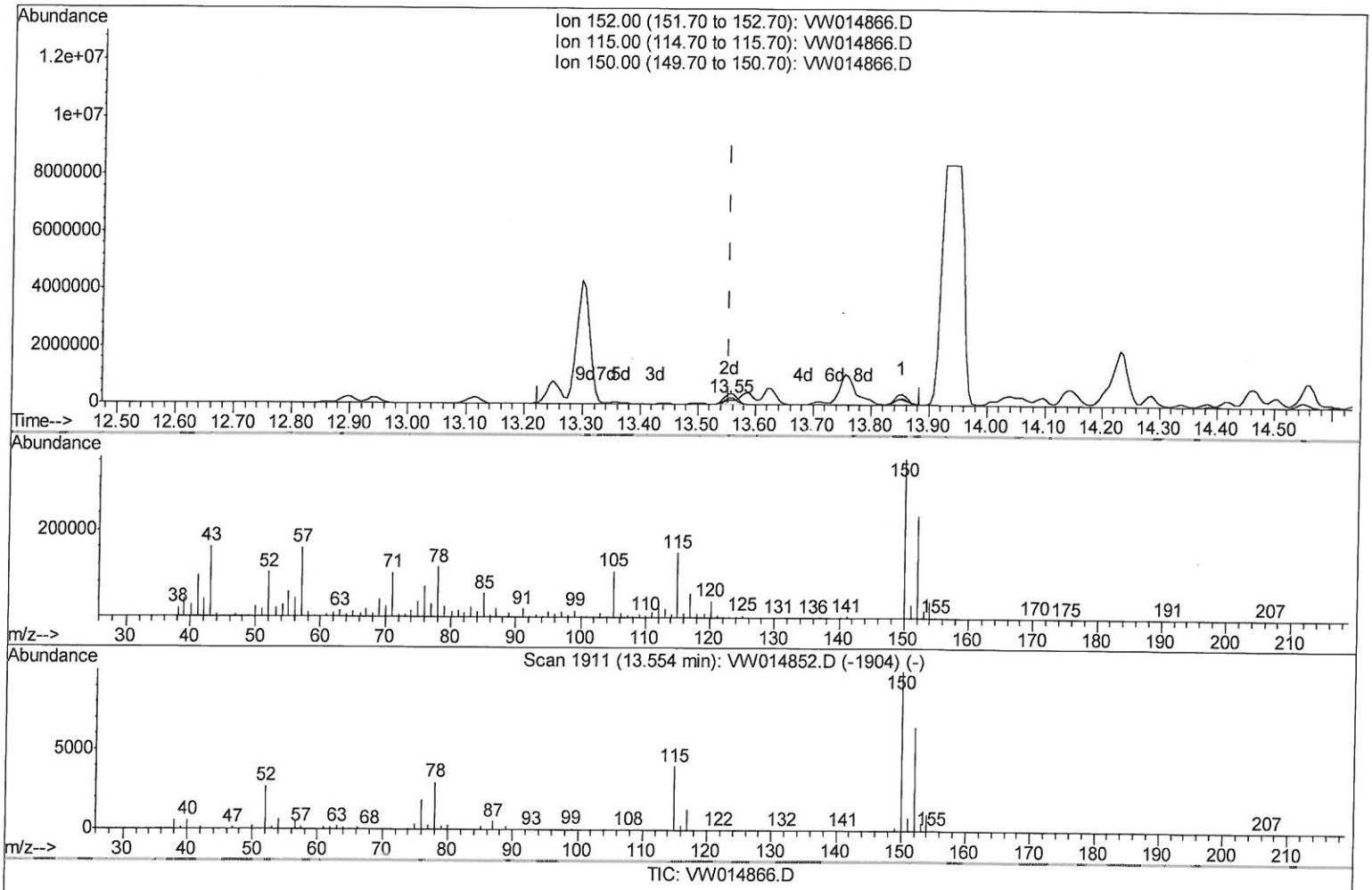

TIC: VW014866.D

(60) 1,4-Dichlorobenzene-d4 (I)

13.554min (-0.000) 25.00ug/L m

response 384945

Ion	Exp%	Act%
152.00	100	100
115.00	60.60	62.24
150.00	170.80	128.68
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

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Misc : 5.00G/10ML/MSVOA_W/SOIL
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Quant Time: Feb 05 04:48:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1195361	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1008891	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	384945m	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	400651	21.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.60%			
7) Chloroethane-d5	2.89	69	375748	20.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.96%			
10) 1,1-Dichloroethene-d2	4.02	63	606749m	15.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.04%			
20) 2-Butanone-d5	7.07	46	295259	41.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.92%			
24) Chloroform-d	7.65	84	841644	22.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.48%			
26) 1,2-Dichloroethane-d4	8.31	65	480623	22.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.88%			
29) Benzene-d6	8.27	84	1751586	24.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.52%			
33) 1,2-Dichloropropane-d6	9.27	67	577107	24.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.04%			
37) Toluene-d8	10.32	98	1457873	23.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.92%			
38) trans-1,3-Dichloropropene-	10.57	79	206130	22.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.36%			
39) 2-Hexanone-d5	10.92	63	232620	50.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.96%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	393750	21.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.72%			
61) 1,2-Dichlorobenzene-d4	13.85	152	391182	24.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.04%			

Target Compounds						Qvalue
13) Acetone	4.12	43	72950	9.586	ug/L	99
16) Methylene chloride	4.92	84	40695	1.844	ug/L	92
21) 2-Butanone	7.17	43	26267	3.216	ug/L	92
34) Benzene	8.32	78	603308	8.540	ug/L	100
44) Toluene	10.38	91	1451355	20.534	ug/L	99
53) Ethylbenzene	11.73	91	4320333	56.413	ug/L	100
54) m,p-Xylene	11.84	106	1650067	58.878	ug/L	98
55) o-xylene	12.16	106	2669615	102.249	ug/L	96
57) Isopropylbenzene	12.46	105	431026	6.105	ug/L	100

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

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