

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
Quantitation Report (Qedit)

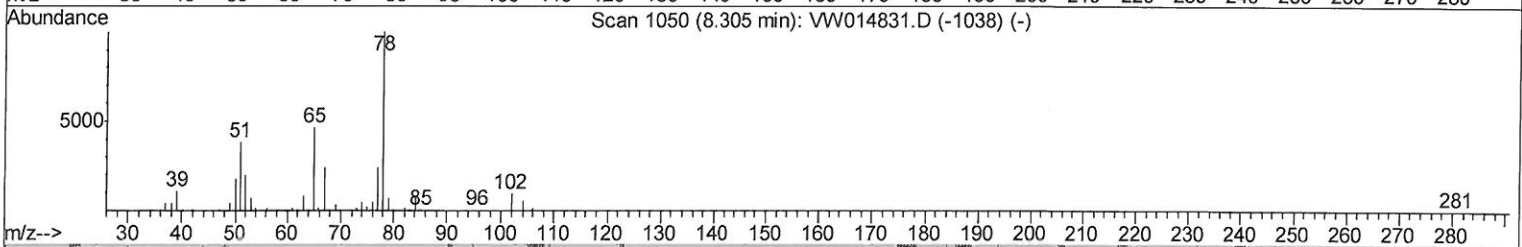
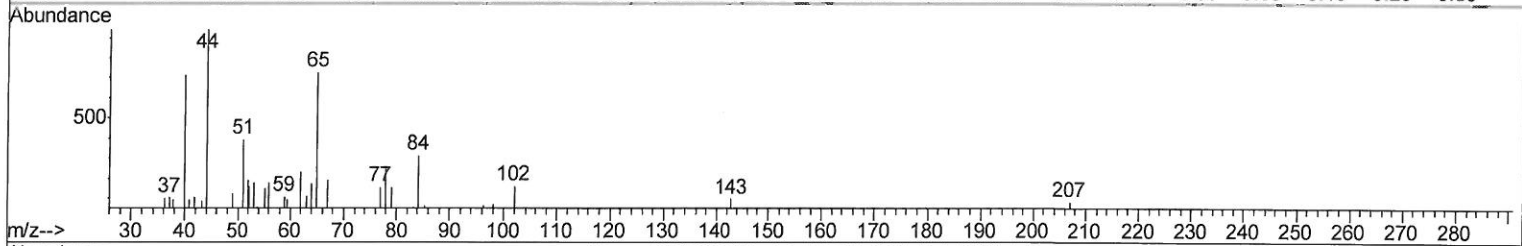
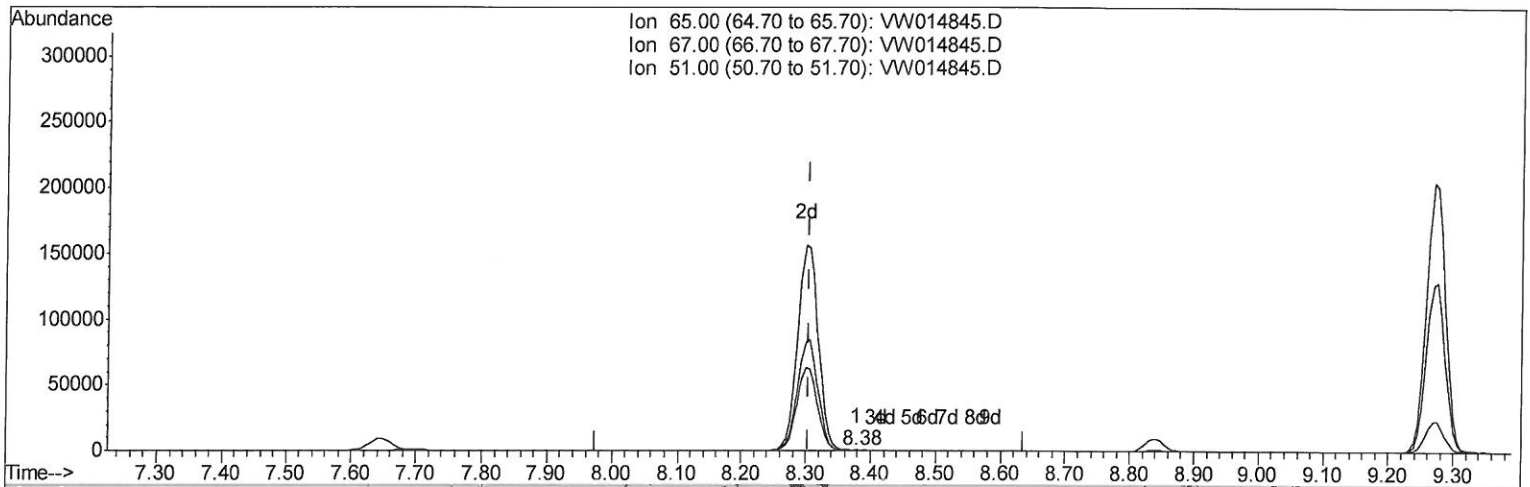
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT44

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:39:40 PM

Quant Time: Feb 04 06:57:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration



TIC: VW014845.D

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

8.378min (+0.073) 0.03ug/L

response 483

Ion	Exp%	Act%
65.00	100	100
67.00	53.20	67.49
51.00	103.40	86.75
0.00	0.00	0.00

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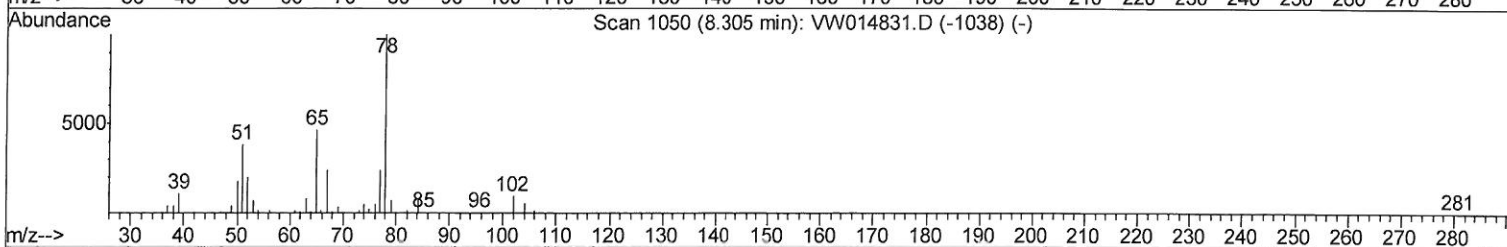
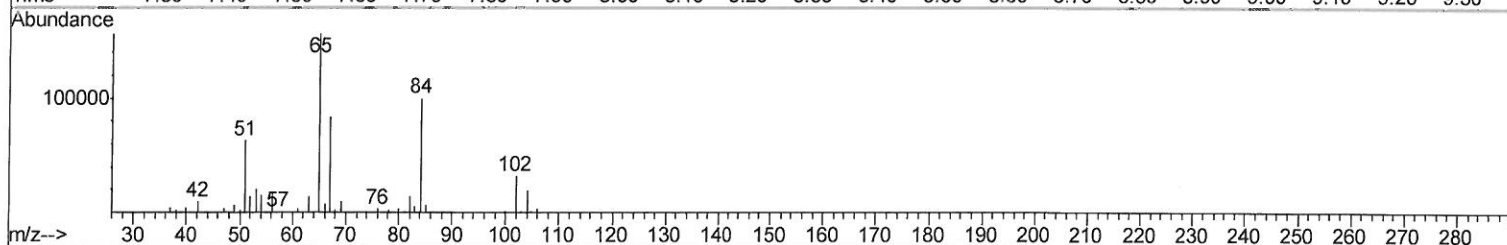
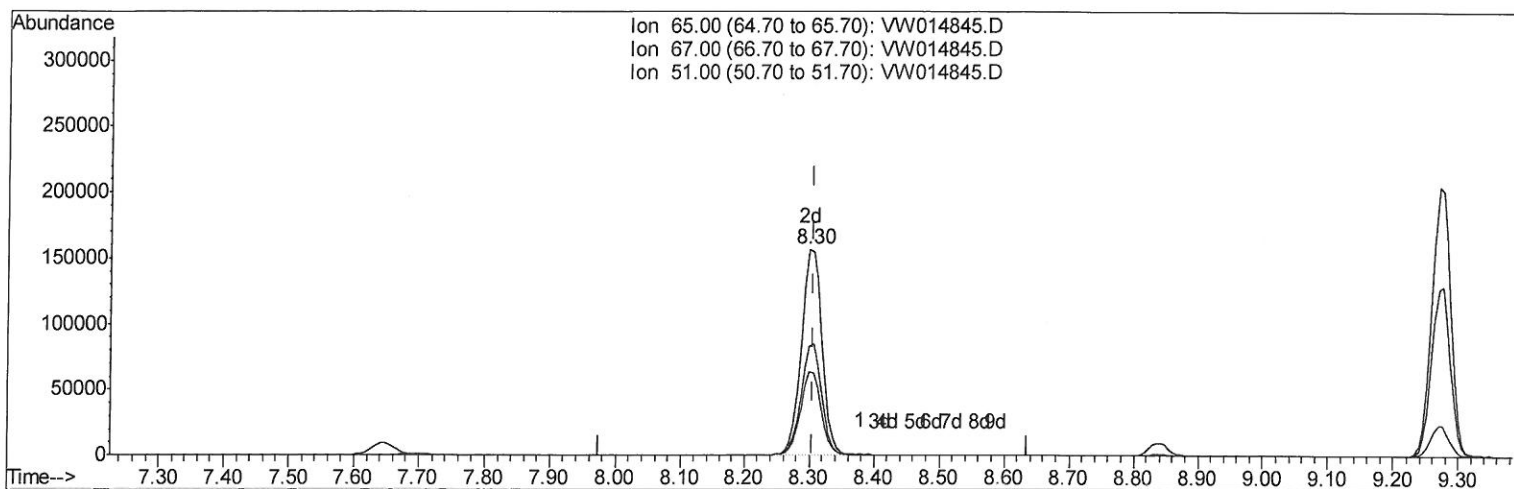
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TIC: VW014845.D

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

8.299min (-0.006) 20.33ug/L m

response 346057

Ion	Exp%	Act%
65.00	100	100
67.00	53.20	0.09#
51.00	103.40	0.12#
0.00	0.00	0.00

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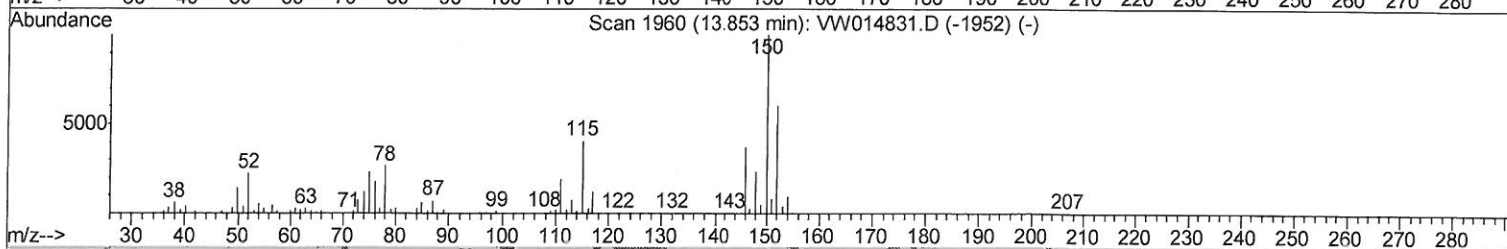
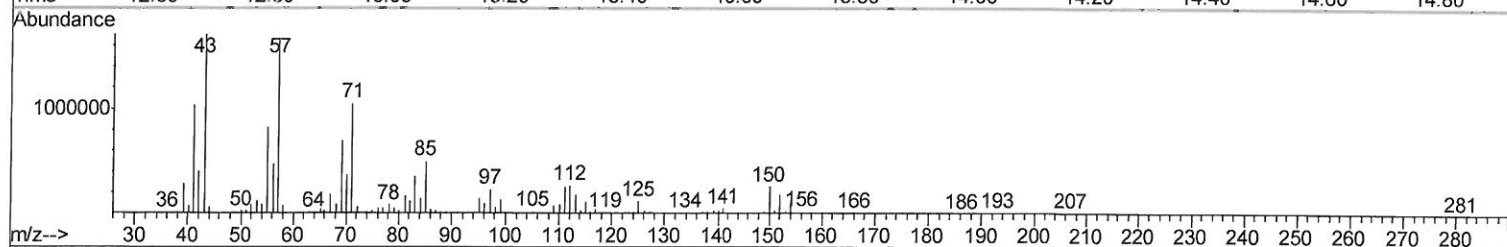
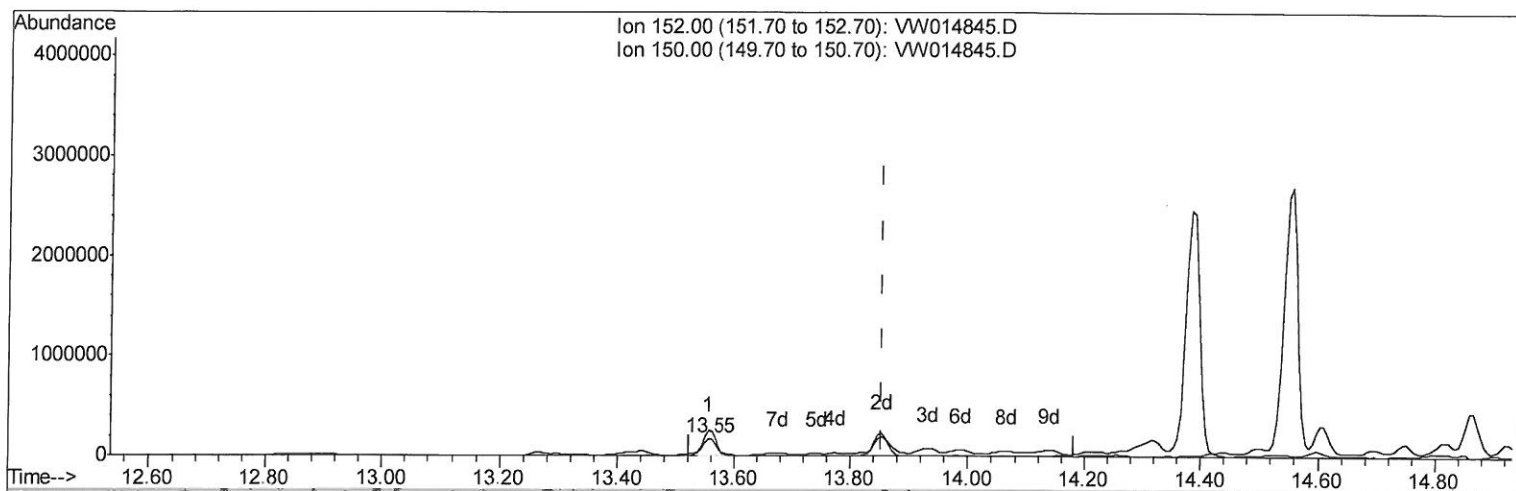
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TIC: VW014845.D

(61) 1,2-Dichlorobenzene-d4 (S)

13.554min (-0.299) 21.01ug/L

response 287416

Ion	Exp%	Act%
152.00	100	100
150.00	168.30	135.13
0.00	0.00	0.00
0.00	0.00	0.00

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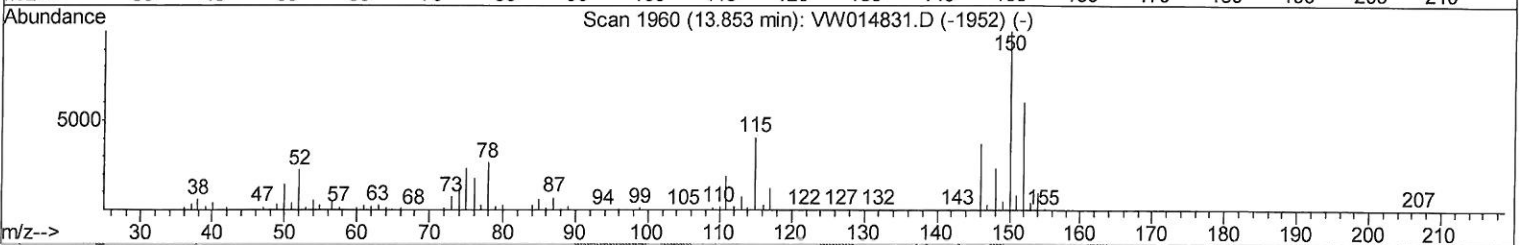
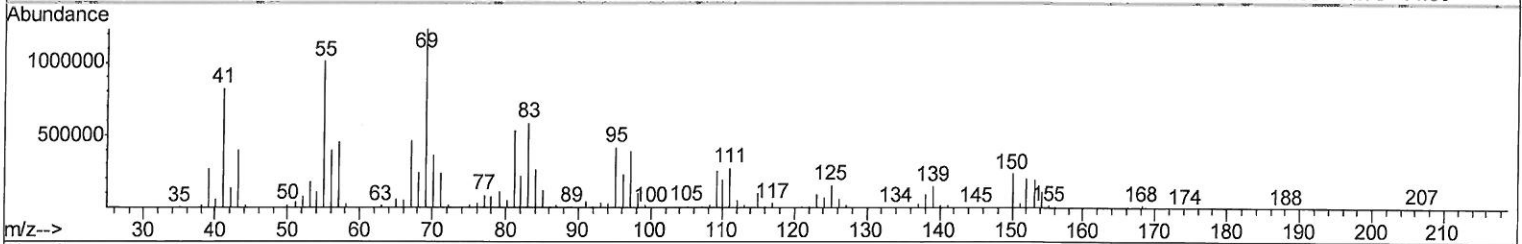
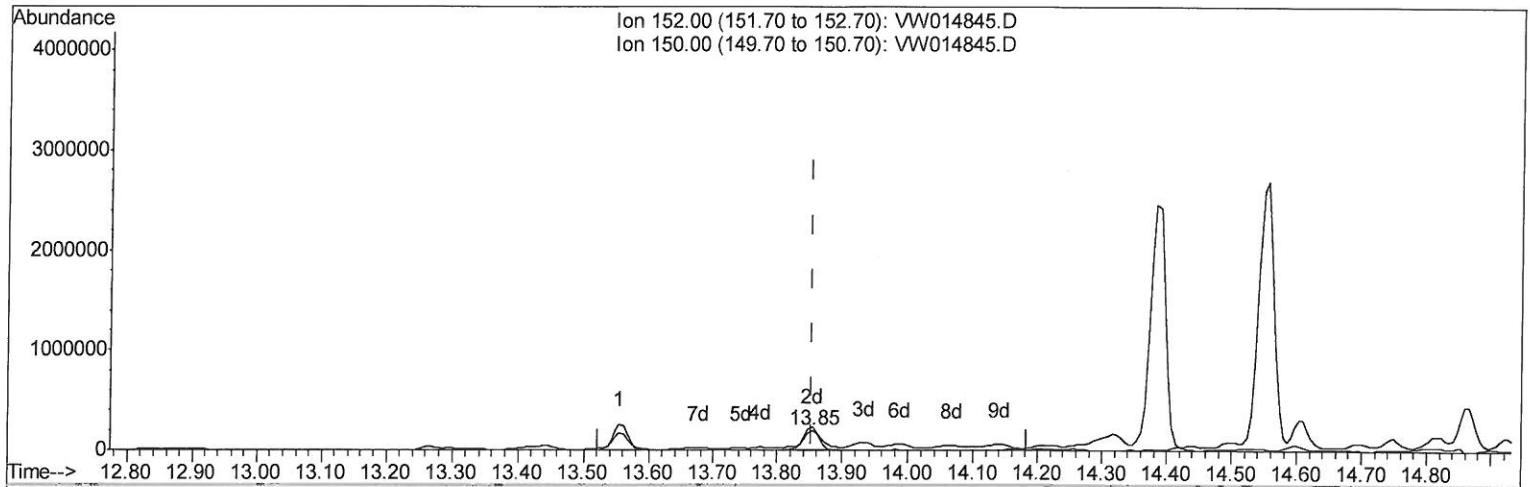
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TIC: VW014845.D

(61) 1,2-Dichlorobenzene-d4 (S)

13.853min (+0.000) 27.56ug/L m

response 377061

Ion	Exp%	Act%
152.00	100	100
150.00	168.30	103.00#
0.00	0.00	0.00
0.00	0.00	0.00

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2/4/2020 3:39:40 PM

Quant Time: Feb 04 07:48:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	951086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	800932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	326568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	277492	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.52%
7) Chloroethane-d5	2.89	69	257376	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
10) 1,1-Dichloroethene-d2	4.02	63	440059	13.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.64%
20) 2-Butanone-d5	7.07	46	245881	43.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.84%
24) Chloroform-d	7.65	84	607684	20.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.28%
26) 1,2-Dichloroethane-d4	8.30	65	346057m	20.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.32%
29) Benzene-d6	8.27	84	1258033	22.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.12%
33) 1,2-Dichloropropane-d6	9.27	67	416077	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	10.32	98	1041674	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.56%
38) trans-1,3-Dichloropropene-	10.57	79	144784	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.08%
39) 2-Hexanone-d5	10.92	63	165076	45.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	317723	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	377061m	27.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.24%

02/04/2020

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Target Compounds	Qvalue
13) Acetone	4.13 43 27107 4.477 ug/L 99
14) Carbon disulfide	4.39 76 19410 0.460 ug/L 96
16) Methylene chloride	4.92 84 47873 2.726 ug/L 99
44) Toluene	10.38 91 19446 0.347 ug/L 94
53) Ethylbenzene	11.73 91 552470 9.087 ug/L 99
54) m,p-Xylene	11.84 106 11798 0.530 ug/L 98
55) o-xylene	12.16 106 12742 0.615 ug/L 98
56) Styrene	12.18 104 22817 0.646 ug/L 93
57) Isopropylbenzene	12.46 105 313748 5.598 ug/L 98

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

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