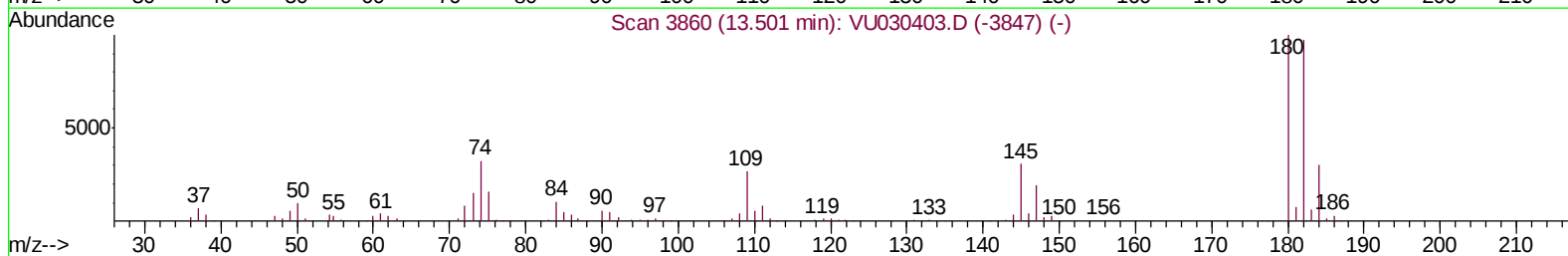
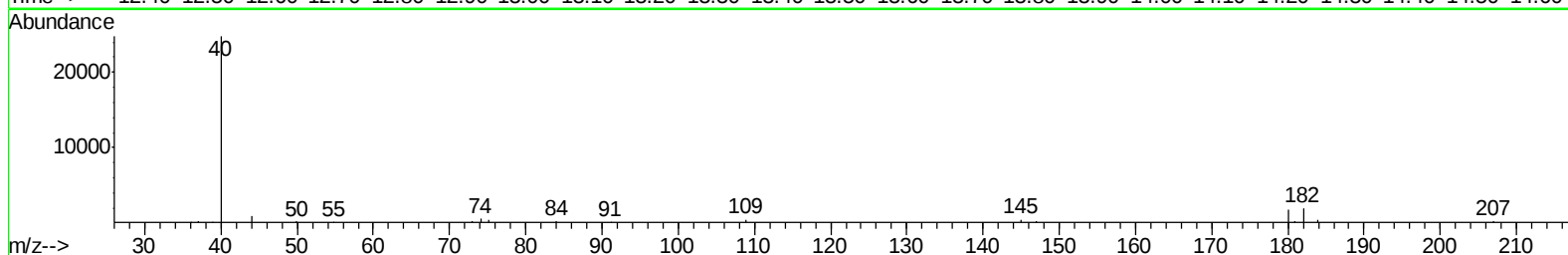
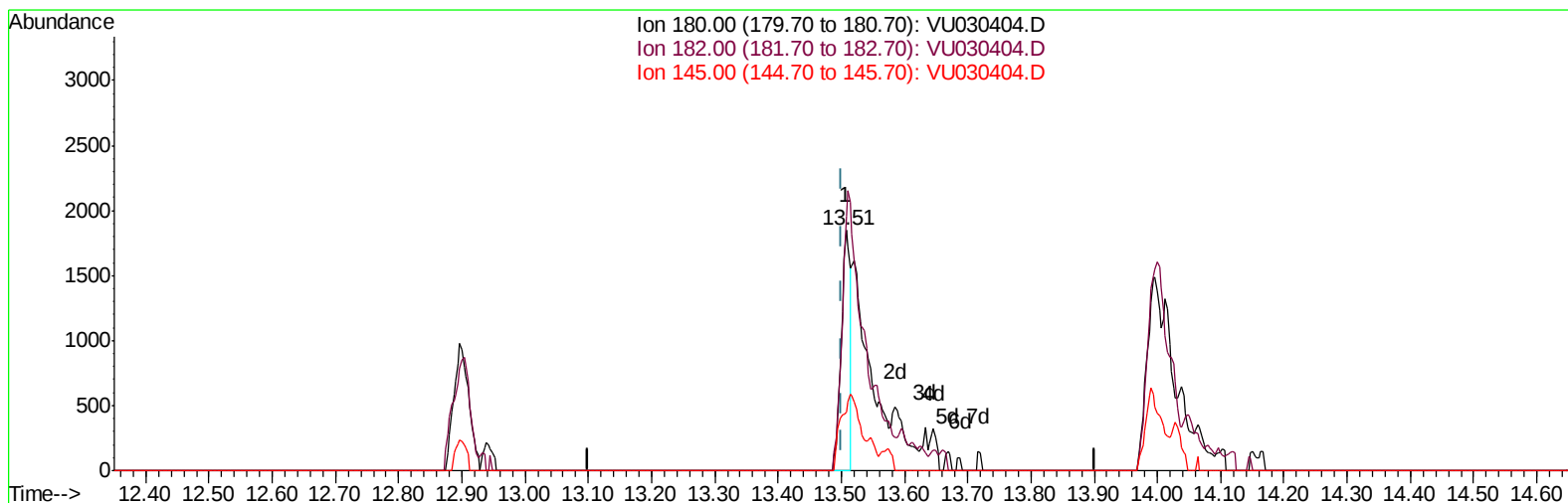


Data File : VU030404.D
Acq On : 25 Mar 2019 15:47
Operator : JC/SP
Sample : VU0325MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 26 01:47:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



TIC: VU030404.D

(68) 1,2,4-trichlorobenzene (T)

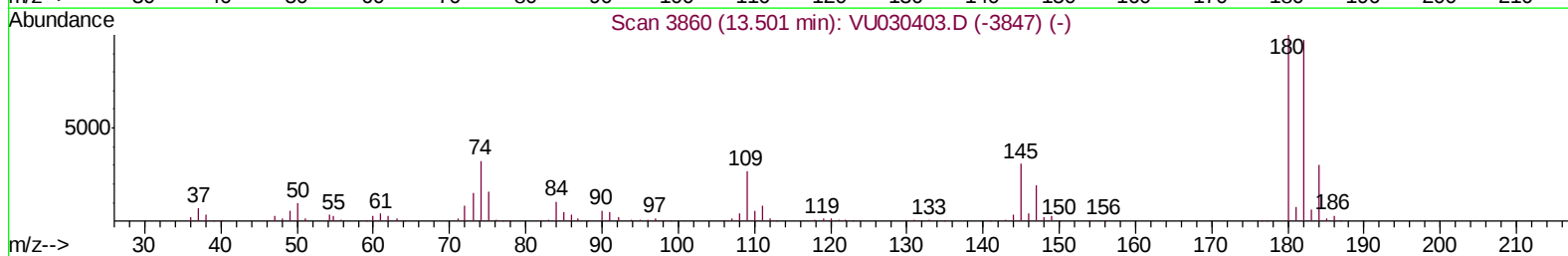
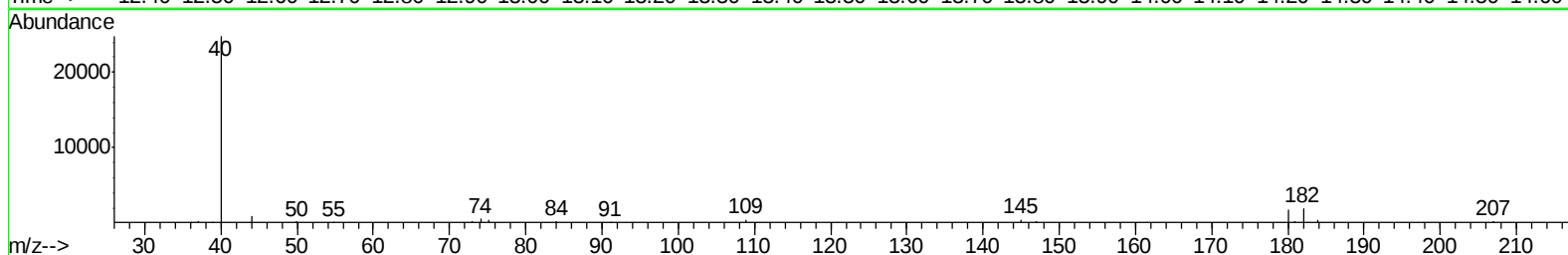
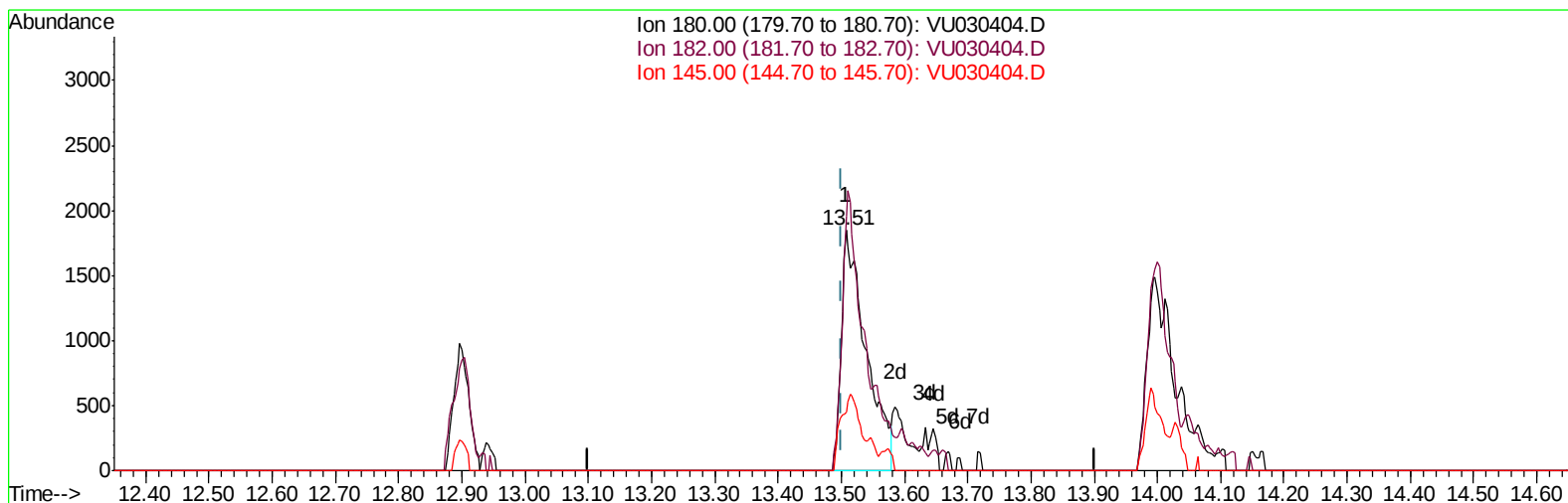
13.508min (+0.006) 0.50ug/L

response 1828

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	199.78#
145.00	30.60	67.89#
0.00	0.00	0.00

Data File : VU030404.D
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Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 26 01:47:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



TIC: VU030404.D

(68) 1,2,4-trichlorobenzene (T)

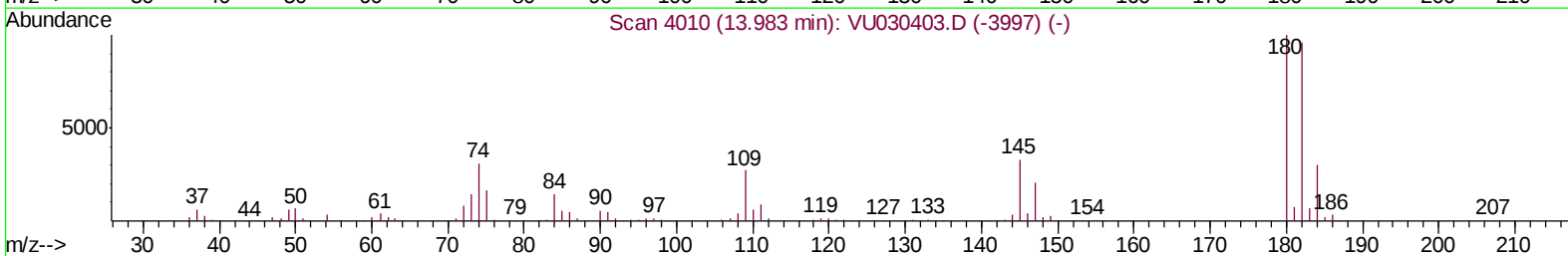
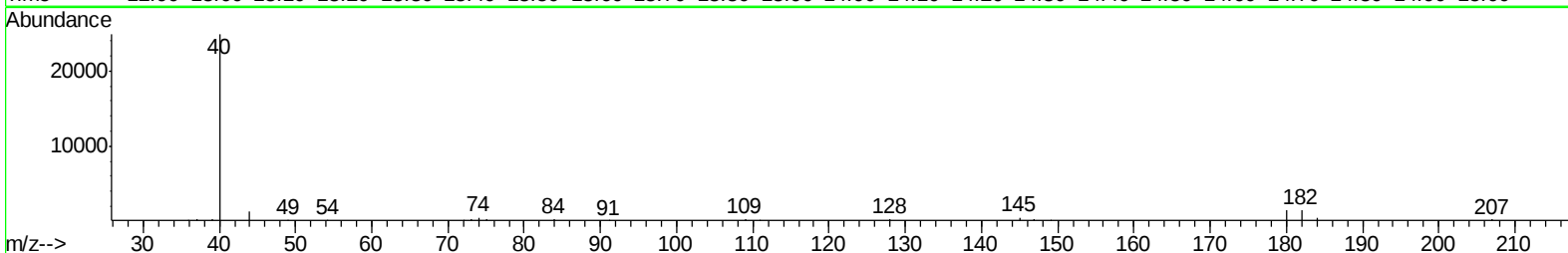
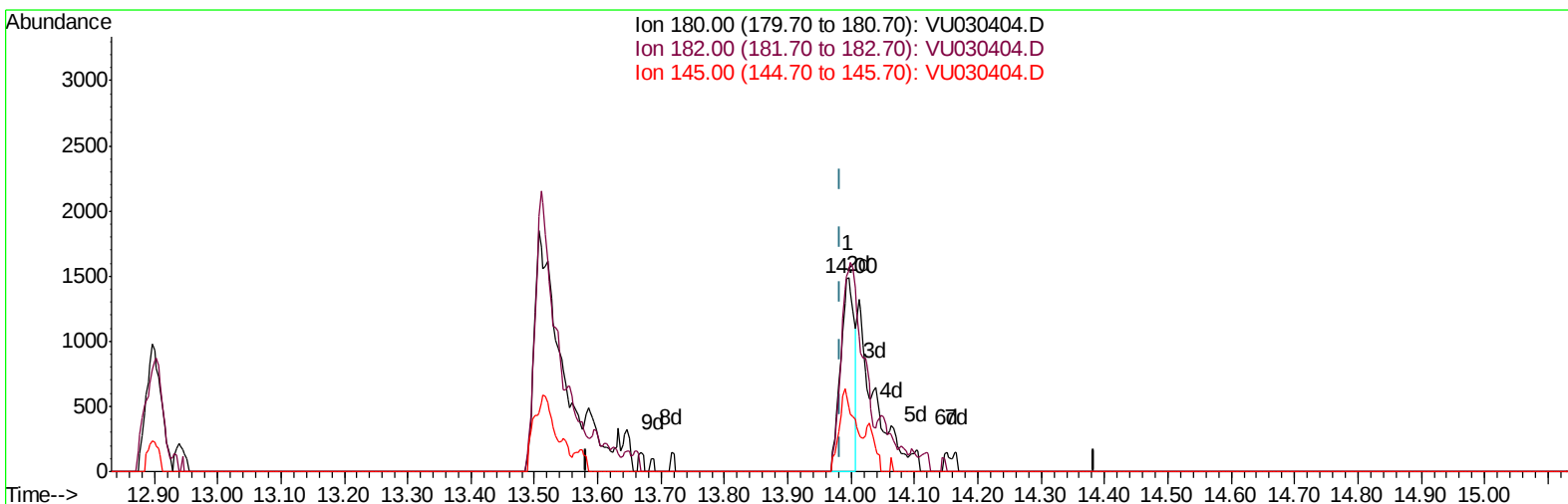
13.508min (+0.006) 1.38ug/L m

response 4993

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	73.14#
145.00	30.60	24.85
0.00	0.00	0.00

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Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 26 01:47:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



TIC: VU030404.D

(70) 1,2,3-Trichlorobenzene (T)

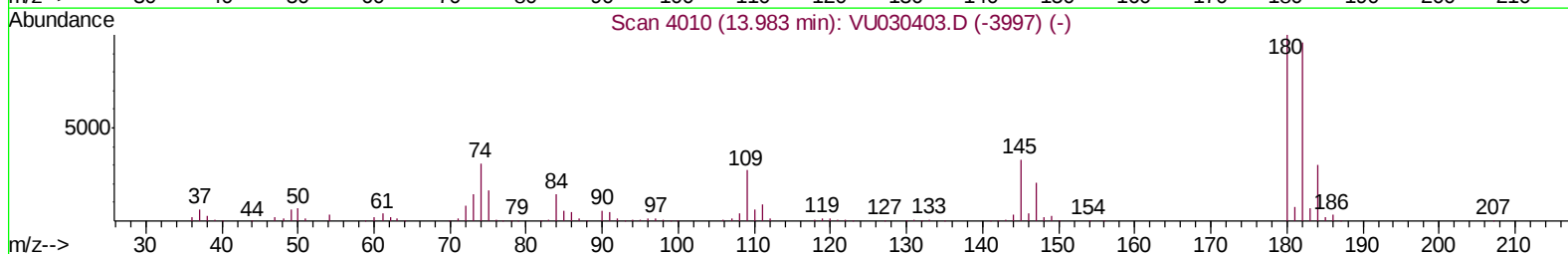
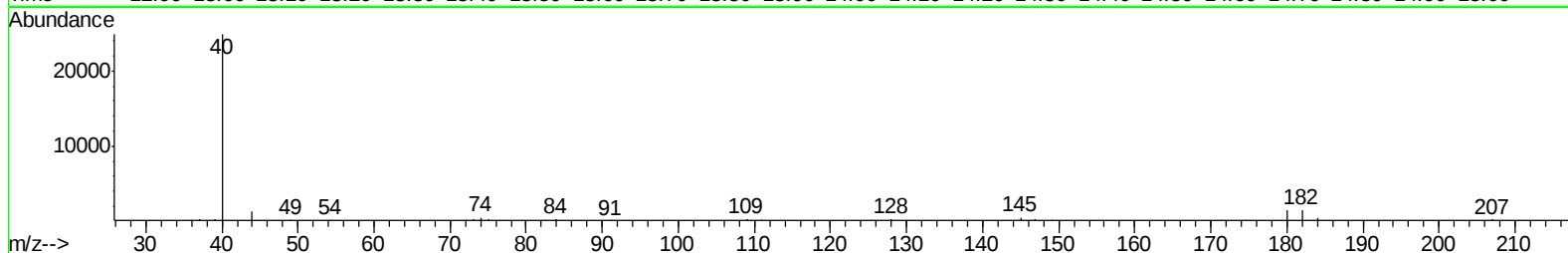
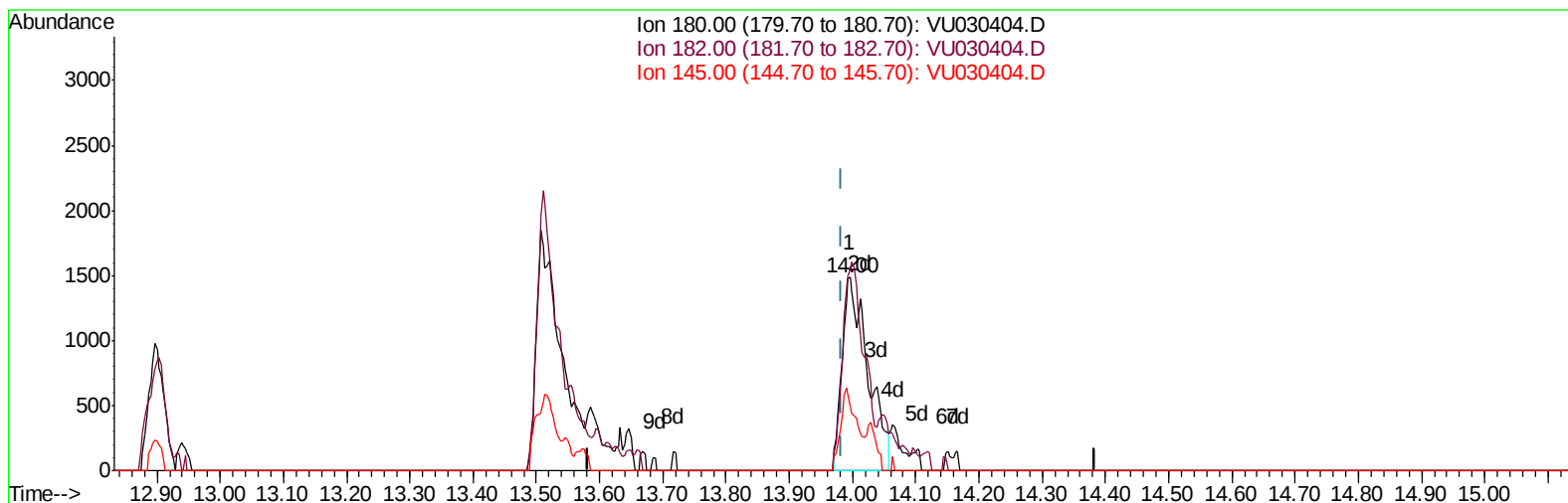
13.996min (+0.013) 0.58ug/L

response 2208

Ion	Exp%	Act%
180.00	100	100
182.00	96.80	174.50#
145.00	32.40	51.31#
0.00	0.00	0.00

Data File : VU030404.D
Acq On : 25 Mar 2019 15:47
Operator : JC/SP
Sample : VU0325MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 26 01:47:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



TIC: VU030404.D

(70) 1,2,3-Trichlorobenzene (T)

13.996min (+0.013) 1.11ug/L m

response 4249

Ion	Exp%	Act%
180.00	100	100
182.00	96.80	90.68
145.00	32.40	26.67
0.00	0.00	0.00

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Operator : JC/SP
Sample : VU0325MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 26 01:48:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453121	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	427172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	184778	50.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.34%
7) Chloroethane-d5	1.68	69	147542	51.05	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.27	63	256915	37.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.28%
21) 2-Butanone-d5	4.17	46	326203	95.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.16%
24) Chloroform-d	4.64	84	296640	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.31	65	197199	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.34	84	618247	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.33	67	216080	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.56	98	526276	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%
43) trans-1,3-Dichloropropene-	7.85	79	92884	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.26%
47) 2-Hexanone-d5	8.31	63	218884	96.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282666	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	173423	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	6983	1.249 ug/L	99
51) Chlorobenzene	9.12	112	11796	1.290 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	10871	1.895 ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	9554	1.695 ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	4993m	1.377 ug/L	
70) 1,2,3-Trichlorobenzene	14.00	180	4249m	1.110 ug/L	

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

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