

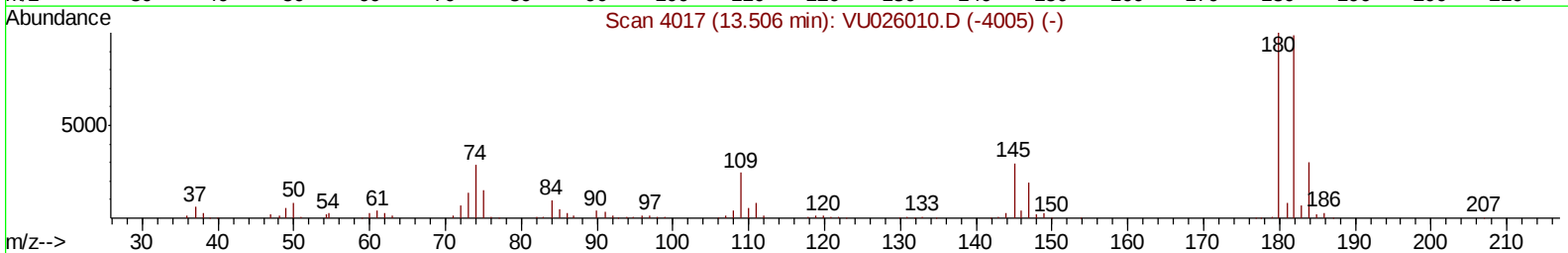
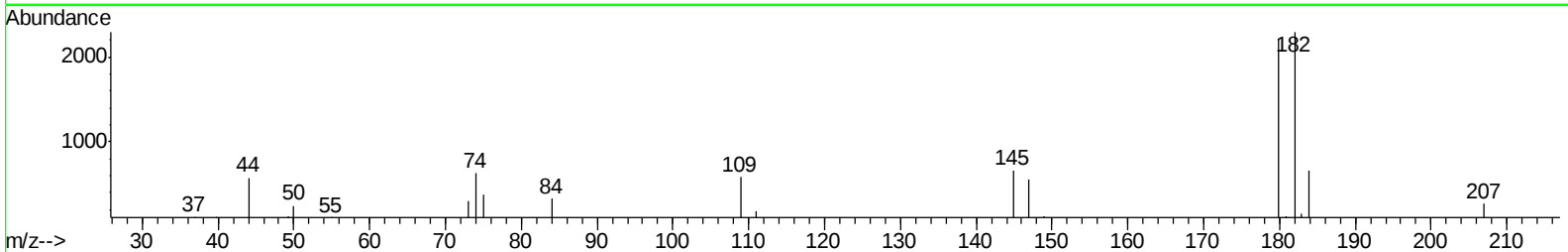
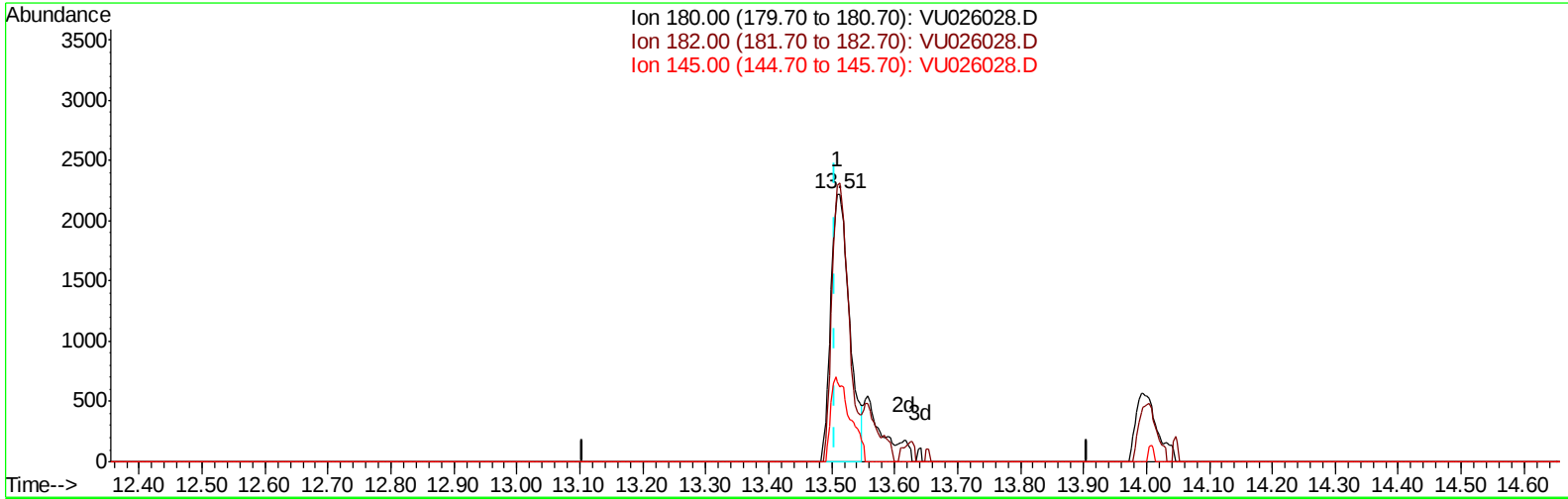
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
Data File : VU026028.D
Acq On : 10 Aug 2018 04:32
Operator : MD/SY
Sample : J4401-14 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZF4

Manual Integrations
APPROVED

MMDadoda
8/10/2018 4:08:59 PM

Quant Time: Aug 10 07:44:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration



TIC: VU026028.D

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

13.509min (+0.003) 1.92ug/L

response 4643

Ion	Exp%	Act%
180.00	100	100
182.00	95.60	93.99
145.00	30.30	14.75#
0.00	0.00	0.00

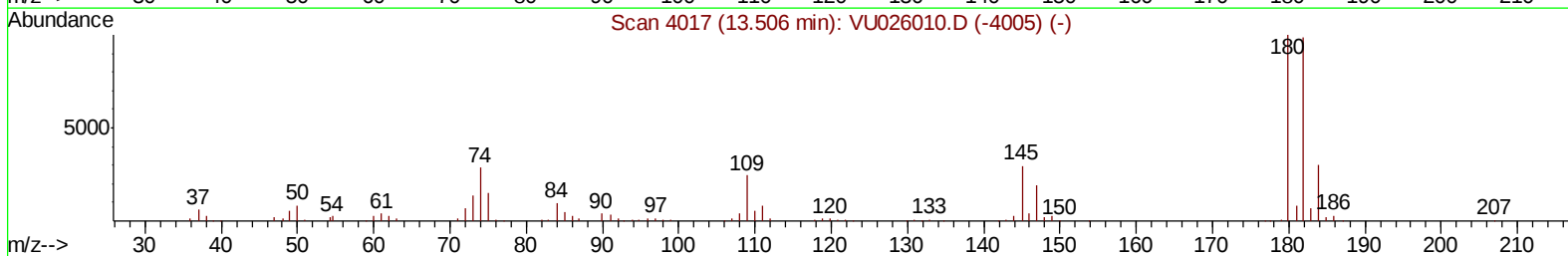
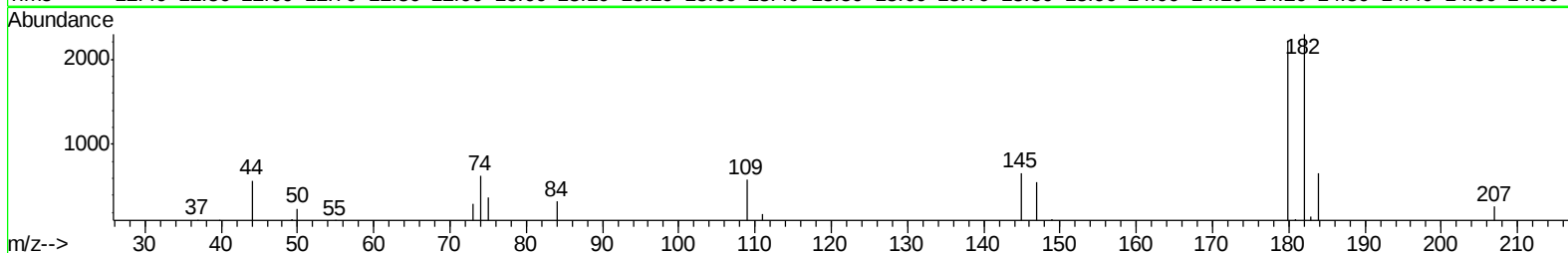
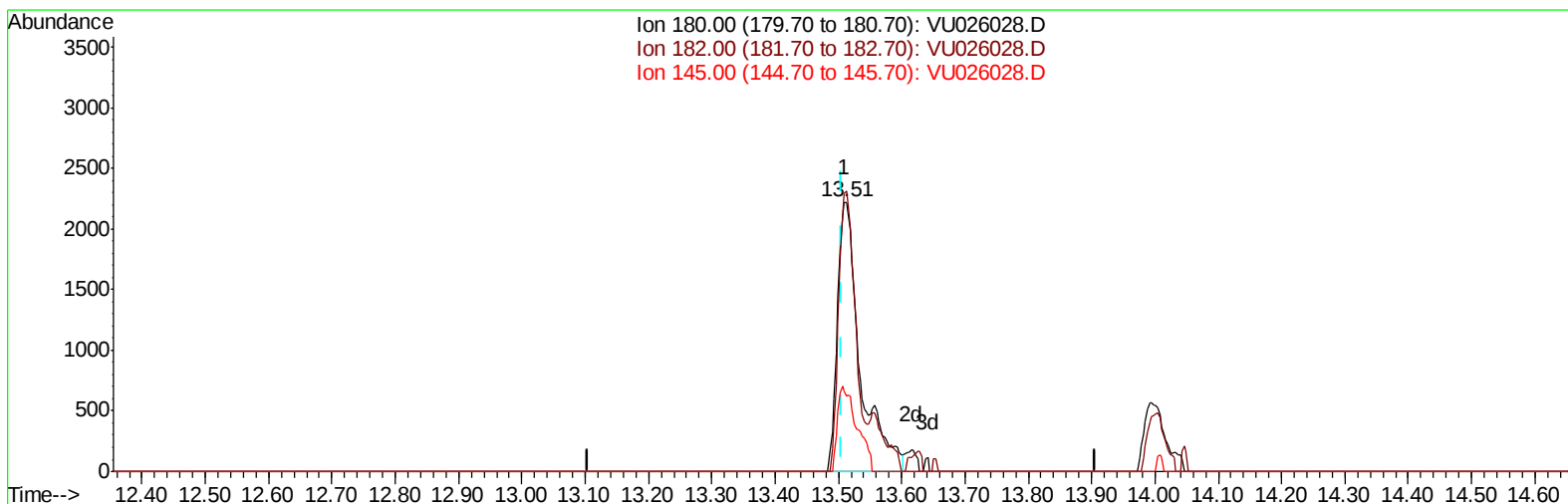
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TIC: VU026028.D

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

13.509min (+0.003) 2.32ug/L m

response 5619

Ion	Exp%	Act%
180.00	100	100
182.00	95.60	77.67
145.00	30.30	12.19#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276161	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122973	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73141	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.72%
7) Chloroethane-d5	1.65	69	68107	40.36	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.72%
11) 1,1-Dichloroethene-d2	2.27	63	112352	27.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.56%#
21) 2-Butanone-d5	4.18	46	150333	84.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.74%
24) Chloroform-d	4.65	84	185415	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.16%
26) 1,2-Dichloroethane-d4	5.31	65	128761	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
32) Benzene-d6	5.34	84	352285	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.16%
36) 1,2-Dichloropropane-d6	6.33	67	117723	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.86%
41) Toluene-d8	7.57	98	319558	38.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.90%#
43) trans-1,3-Dichloropropene-	7.85	79	54792	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.38%
47) 2-Hexanone-d5	8.31	63	111694	88.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.63%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176799	43.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	133902	44.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.34%

Target Compounds				Ovalue
68) 1,2,4-trichlorobenzene	13.51	180	5619m	2.322 ug/L

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

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