

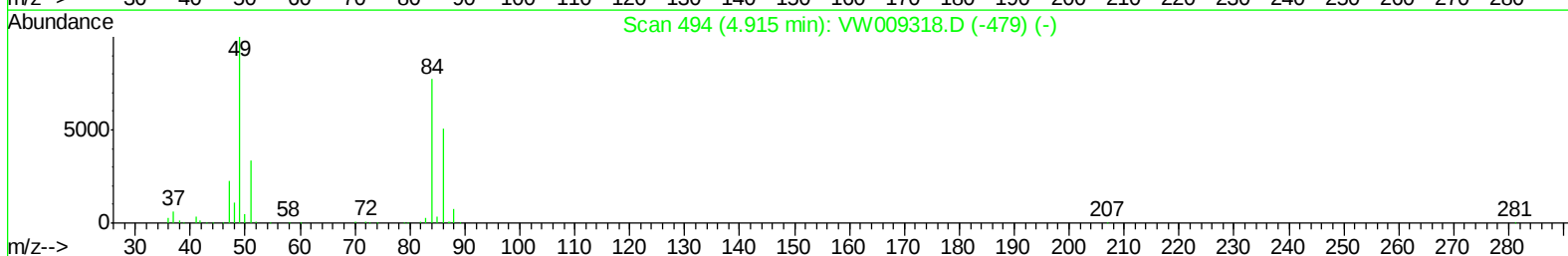
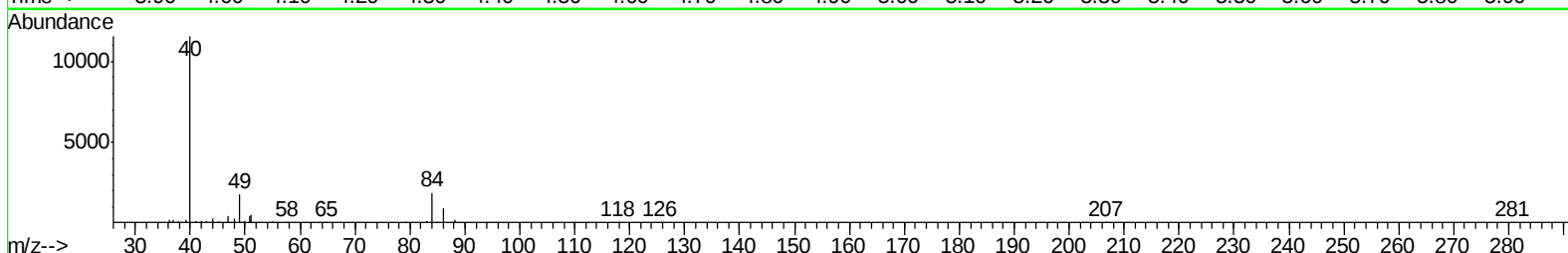
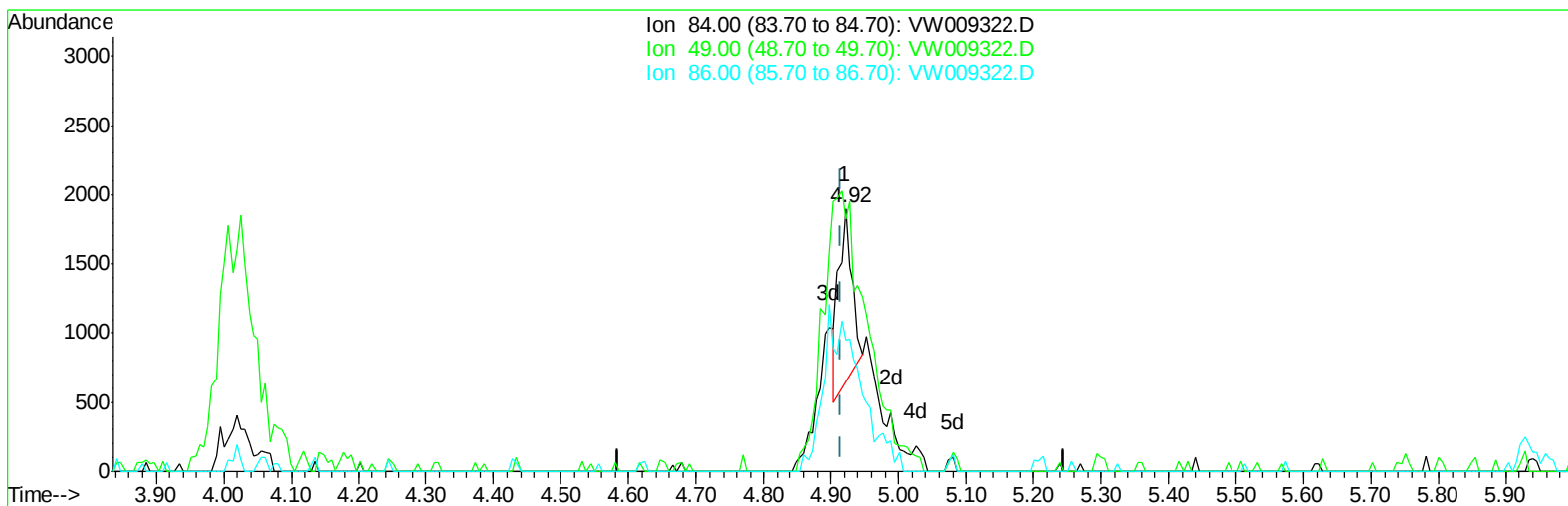
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032119\
Data File : VW009322.D
Acq On : 21 Mar 2019 12:57
Operator : SY/VA
Sample : K1988-19
Misc : 5.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0D1

Manual Integrations
APPROVED

MMDadoda
3/23/2019 3:00:36 AM

Quant Time: Mar 22 09:43:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration



TIC: VW009322.D

(16) Methylene chloride (T)

4.922min (+0.006) 0.35ug/L

response 1742

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	96.15
86.00	63.50	49.95
0.00	0.00	0.00

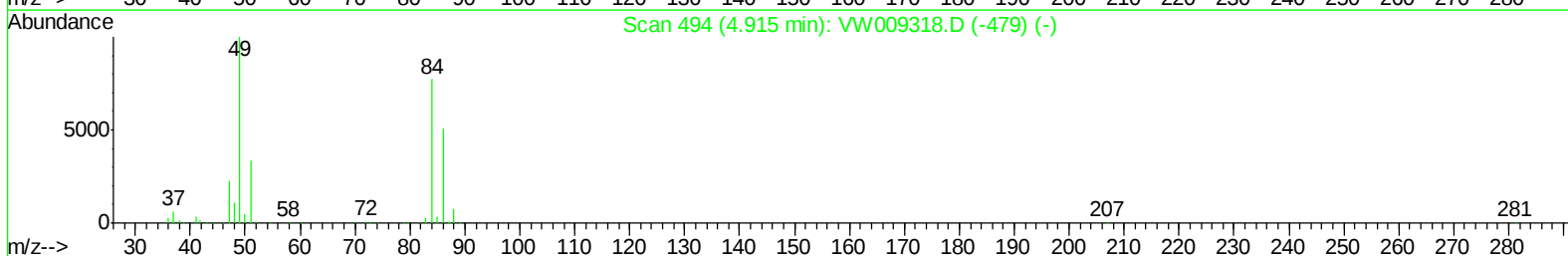
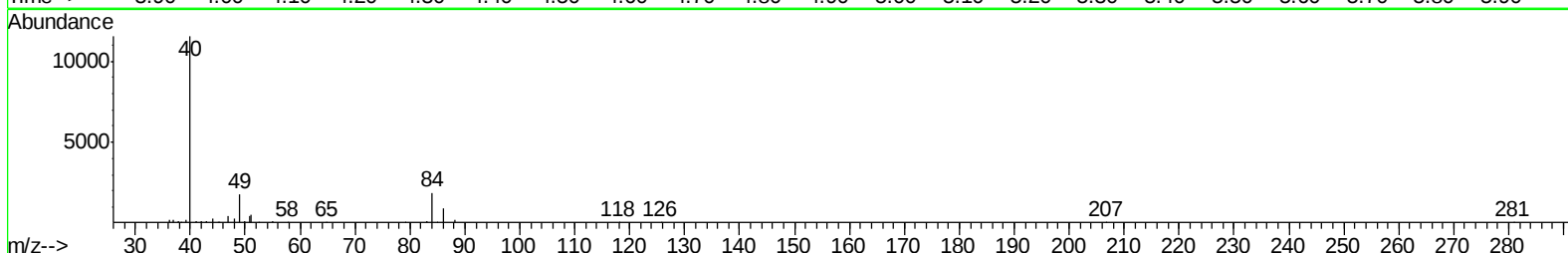
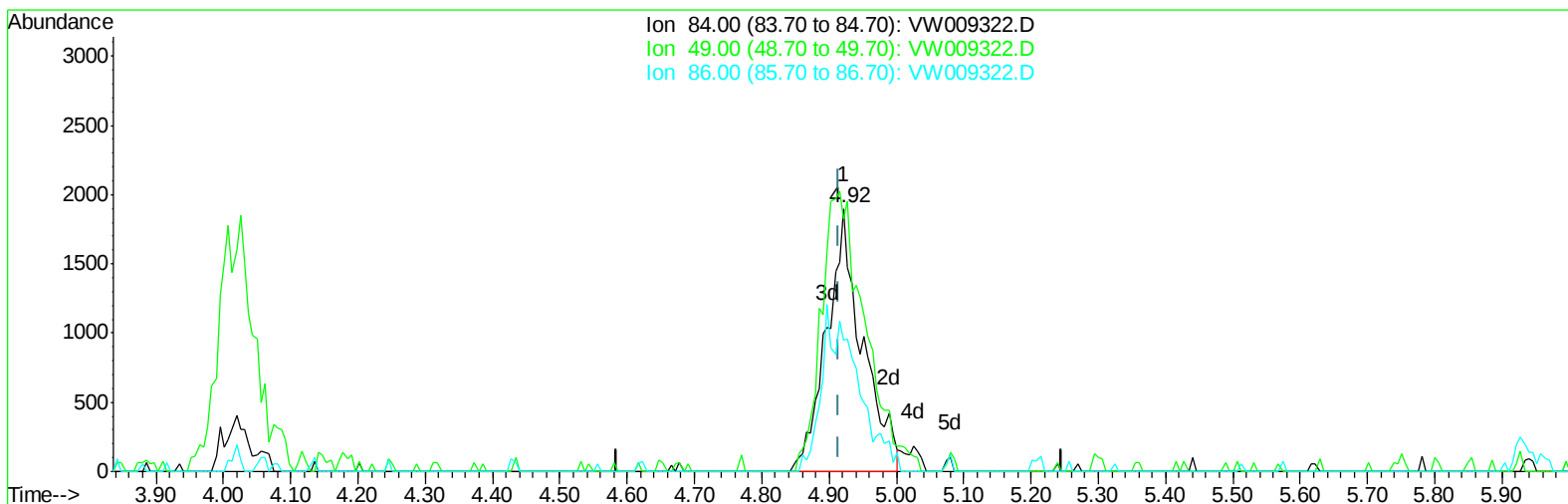
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TIC: VW009322.D

(16) Methylene chloride (T)

4.922min (+0.006) 1.41ug/L m

response 6966

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	96.15
86.00	63.50	49.95
0.00	0.00	0.00

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Quant Time: Mar 22 10:00:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338626	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326902	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102172	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
7) Chloroethane-d5	2.89	69	98682	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
10) 1,1-Dichloroethene-d2	4.01	63	161243	18.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.76%
20) 2-Butanone-d5	7.07	46	59541	35.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.16%
24) Chloroform-d	7.65	84	220484	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.31	65	126570	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.96%
29) Benzene-d6	8.27	84	409156	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.27	67	125053	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	10.32	98	359520	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.28%
38) trans-1,3-Dichloropropene-	10.58	79	51985	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.48%
39) 2-Hexanone-d5	10.93	63	41830	31.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111599	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	140538	24.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.44%

Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	7.17	96	38127	8.028 ug/L	94
35) Trichloroethene	9.09	95	23443	4.917 ug/L	98

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

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