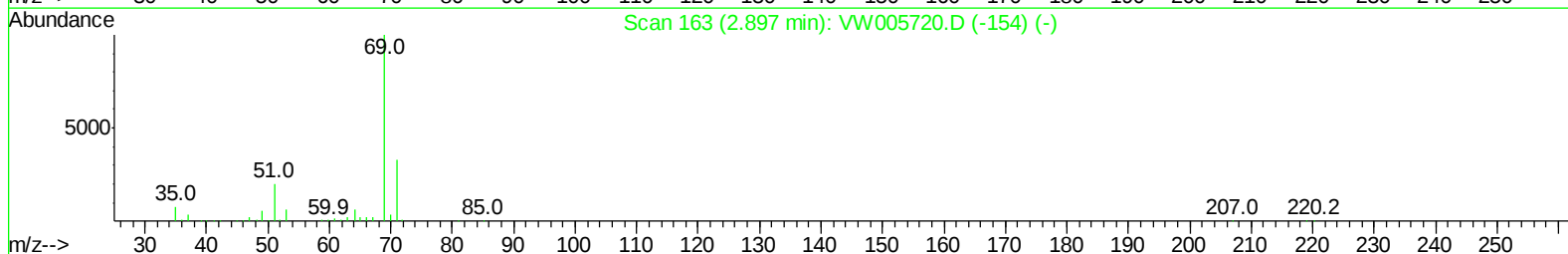
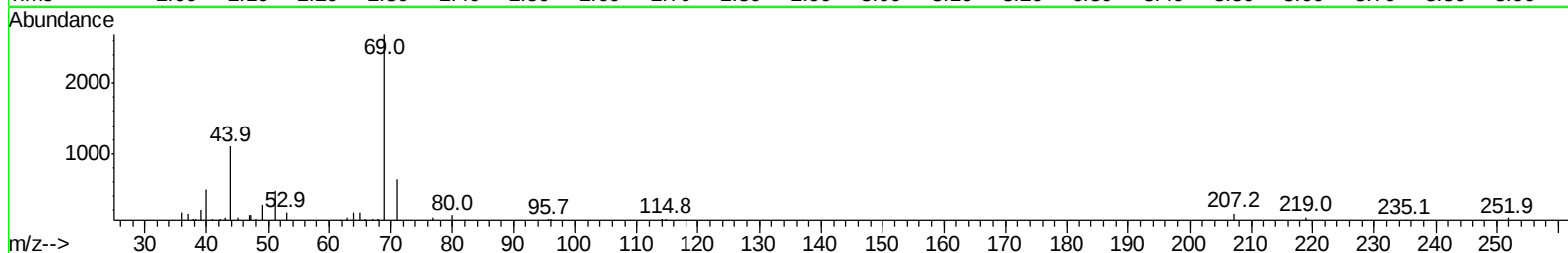
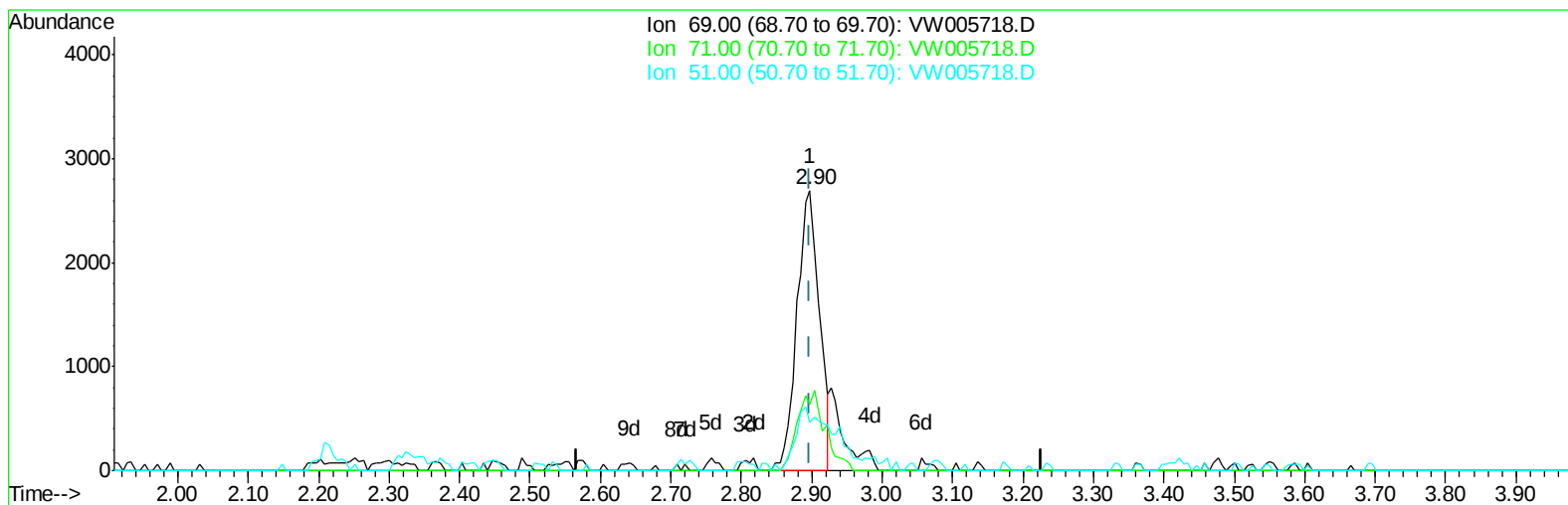


Data File : VW005718.D
Acq On : 28 Sep 2018 12:45
Operator : SY/AP
Sample : VSTD2.580
Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration



TIC: VW005718.D

(7) Chloroethane-d5 (S)

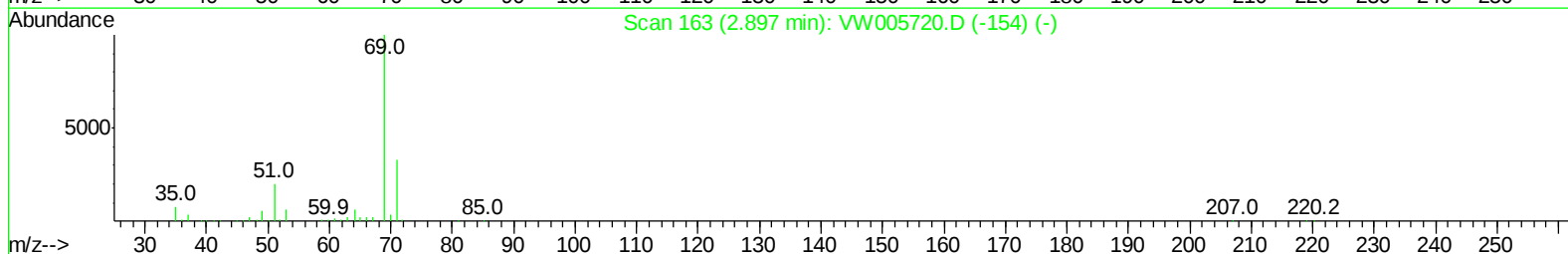
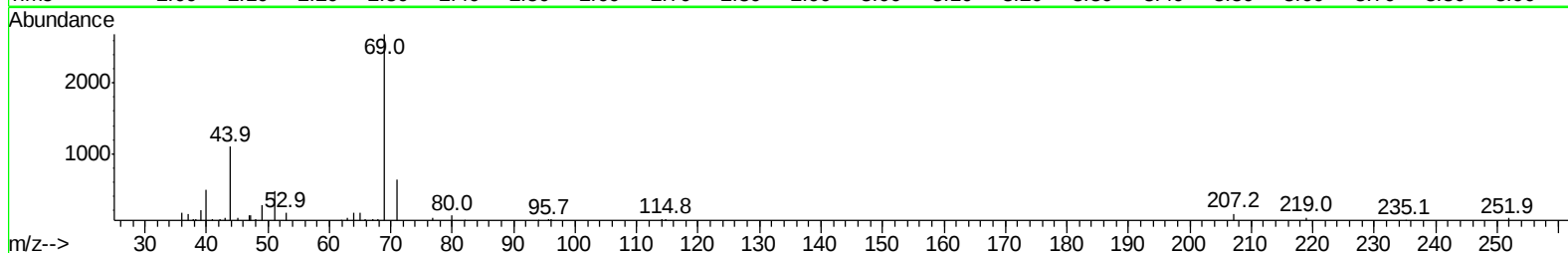
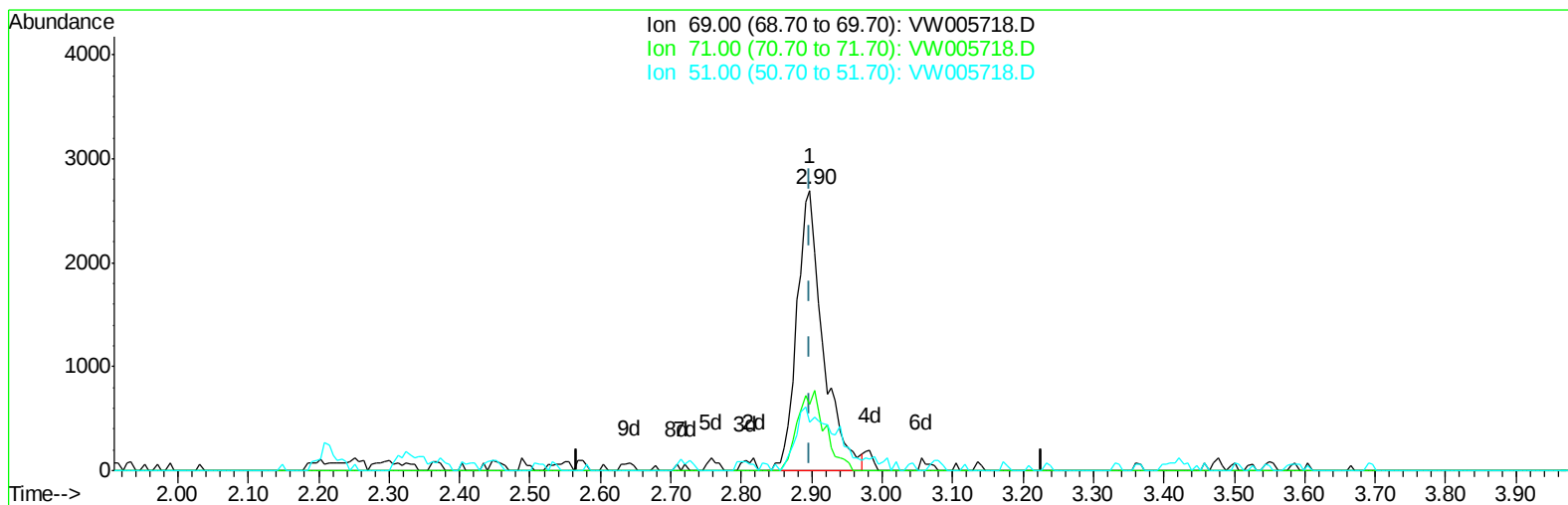
2.897min (+0.000) 1.97ug/L

response 5899

Ion	Exp%	Act%
69.00	100	100
71.00	32.00	35.28
51.00	26.70	14.95
0.00	0.00	0.00

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Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration



TIC: VW005718.D

(7) Chloroethane-d5 (S)

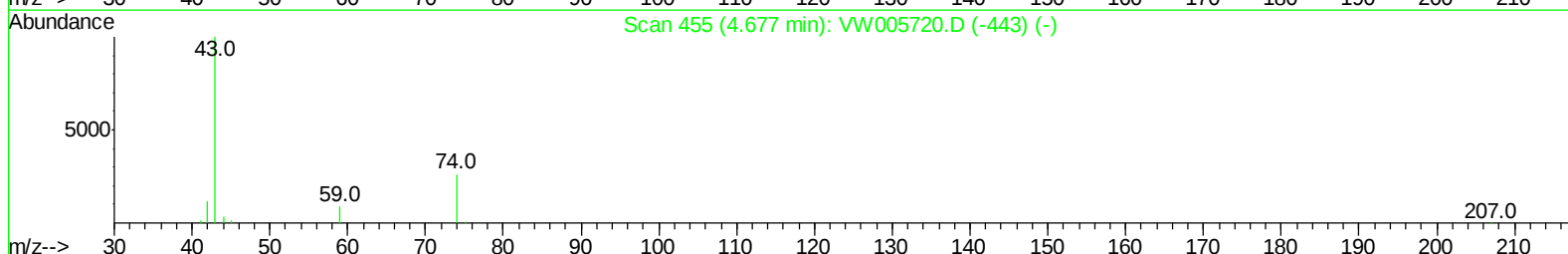
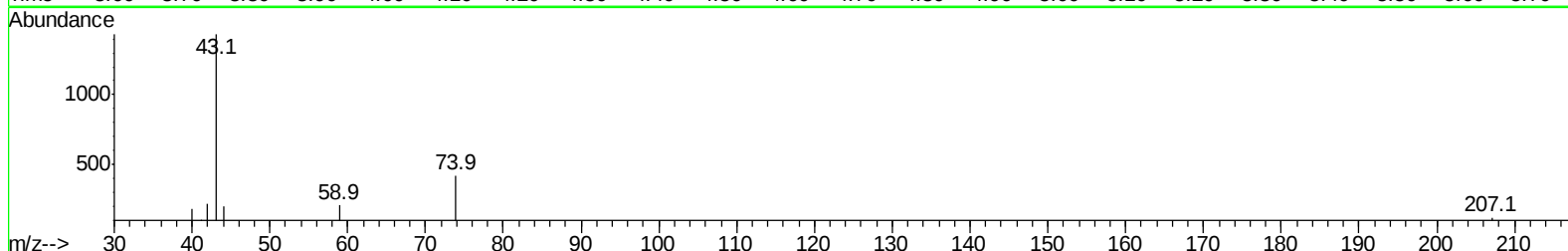
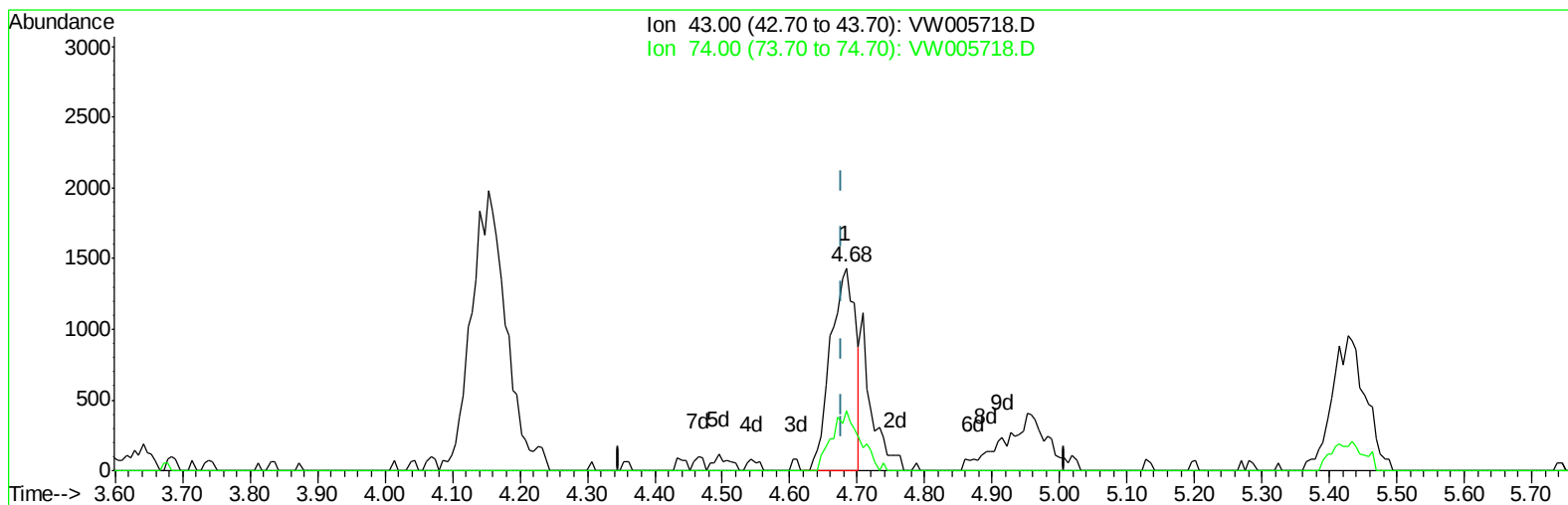
2.897min (+0.000) 2.32ug/L m

response 6918

Ion	Exp%	Act%
69.00	100	100
71.00	32.00	30.08
51.00	26.70	12.75#
0.00	0.00	0.00

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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration



TIC: VW005718.D

(15) Methyl Acetate (T)

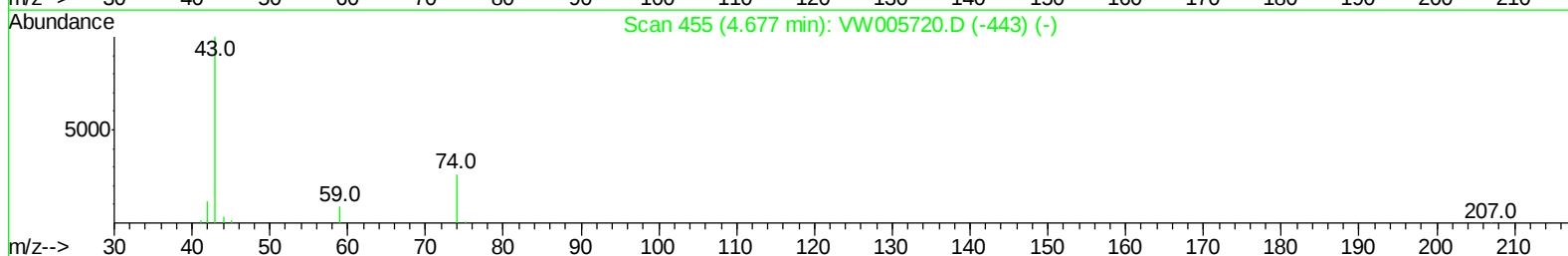
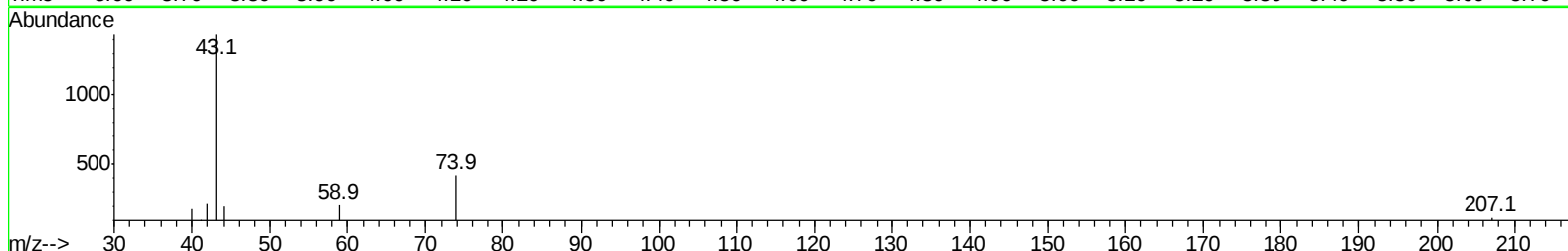
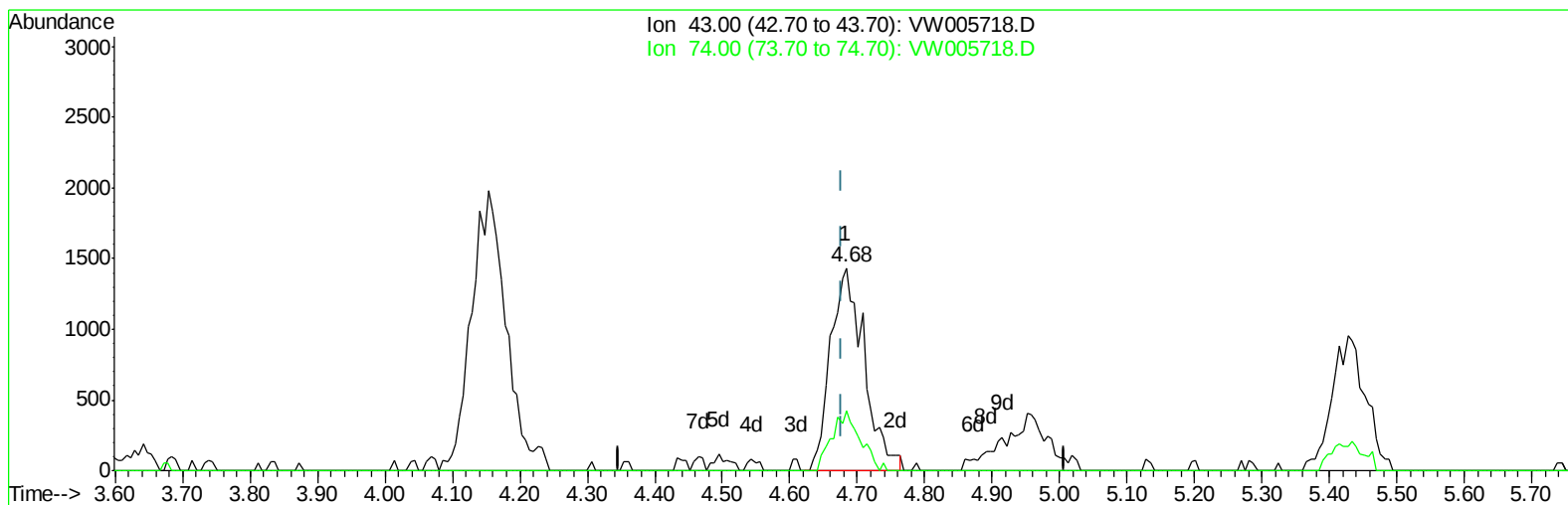
4.684min (+0.006) 1.53ug/L

response 3737

Ion	Exp%	Act%
43.00	100	100
74.00	24.40	28.34
0.00	0.00	0.00
0.00	0.00	0.00

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Operator : SY/AP
Sample : VSTD2.580
Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration



TIC: VW005718.D

(15) Methyl Acetate (T)

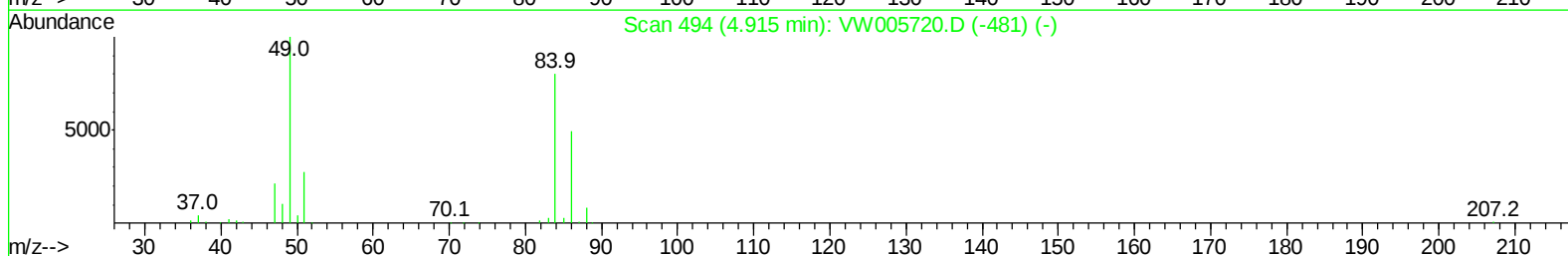
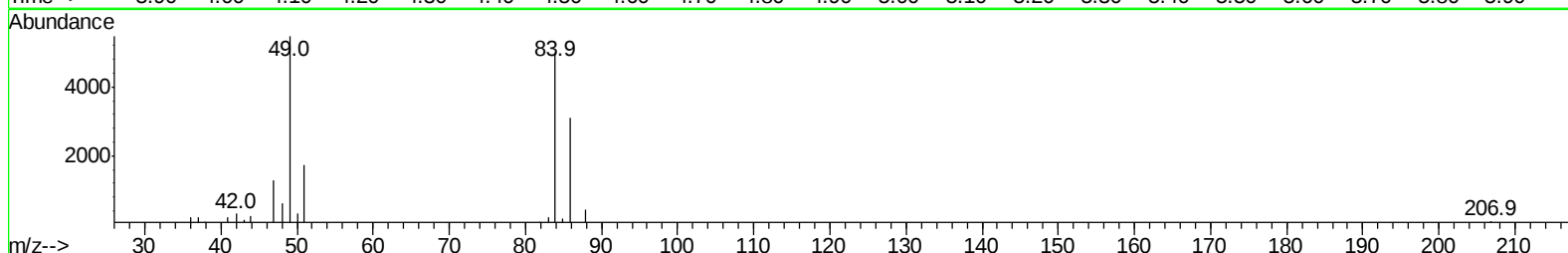
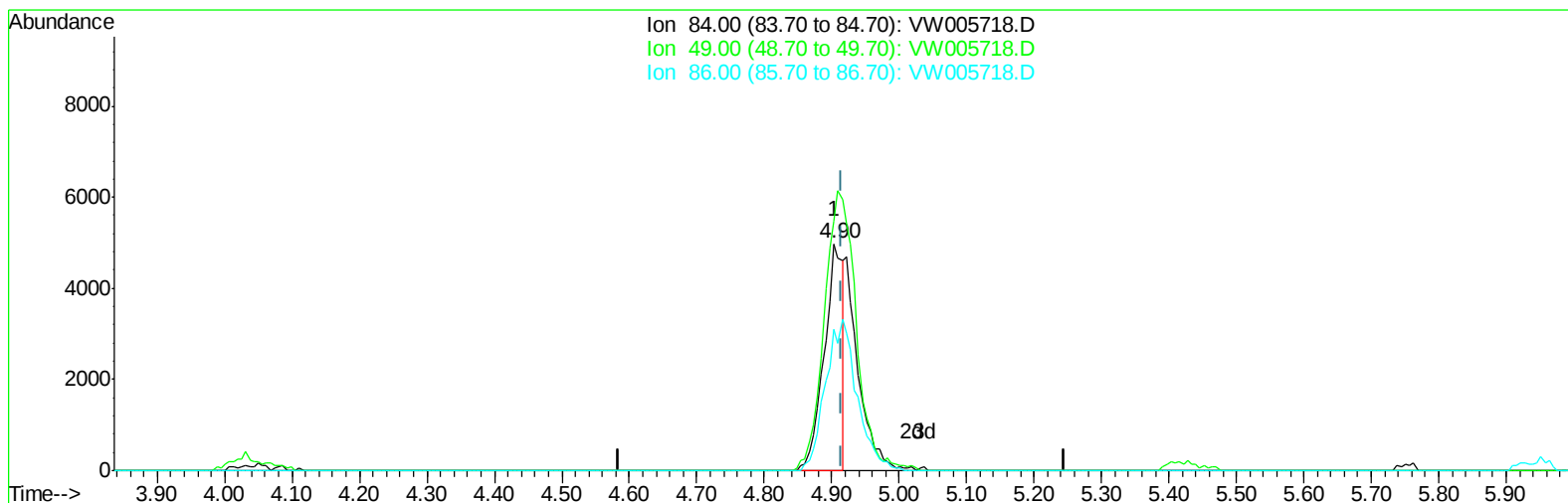
4.684min (+0.006) 2.03ug/L m

response 4969

Ion	Exp%	Act%
43.00	100	100
74.00	24.40	21.31
0.00	0.00	0.00
0.00	0.00	0.00

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Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration



TIC: VW005718.D

(16) Methylene chloride (T)

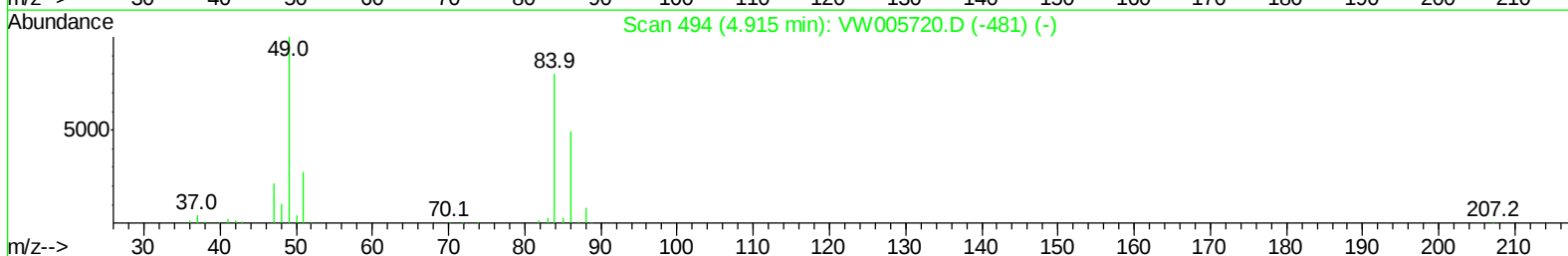
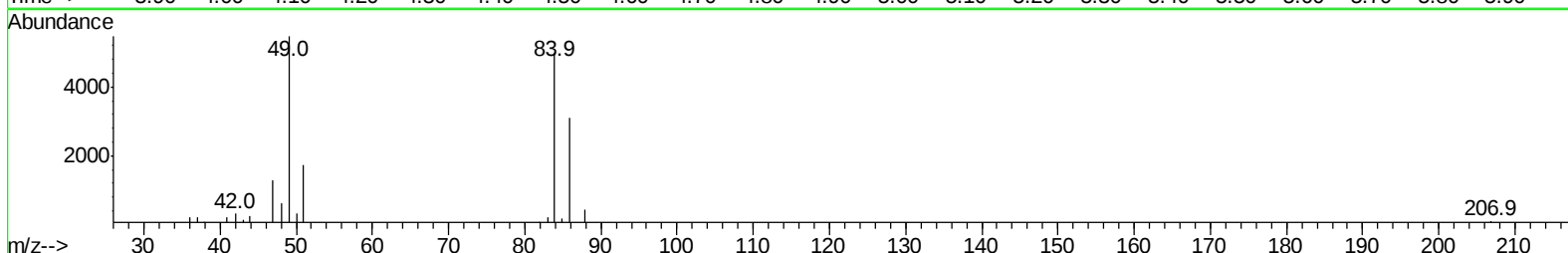
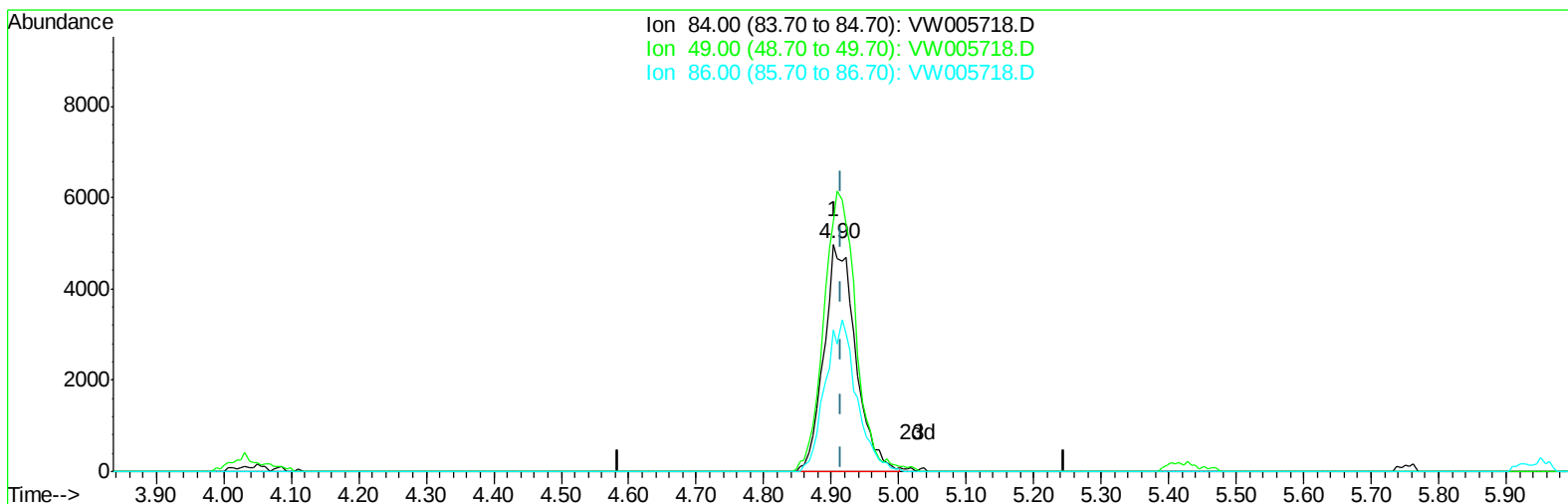
4.903min (-0.012) 2.04ug/L

response 9415

Ion	Exp%	Act%
84.00	100	100
49.00	124.60	109.84
86.00	61.70	62.46
0.00	0.00	0.00

Data File : VW005718.D
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Sample : VSTD2.580
Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration



TIC: VW005718.D

(16) Methylene chloride (T)

4.903min (-0.012) 3.52ug/L m

response 16209

Ion	Exp%	Act%
84.00	100	100
49.00	124.60	109.84
86.00	61.70	62.46
0.00	0.00	0.00

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Acq On : 28 Sep 2018 12:45
Operator : SY/AP
Sample : VSTD2.580
Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:30:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	278441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	284957	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	146681	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	9407	2.51	ug/L	0.00
7) Chloroethane-d5	2.90	69	6918m	2.32	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	19810	2.40	ug/L	0.00
20) 2-Butanone-d5	7.10	46	4603	3.15	ug/L	0.00
24) Chloroform-d	7.65	84	16219	2.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	9661	2.12	ug/L	0.00
29) Benzene-d6	8.28	84	29462	1.75	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	8398	1.64	ug/L	0.00
37) Toluene-d8	10.33	98	29536	1.90	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	4655	1.98	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3210	2.68	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	8209	1.77	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	11504	2.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	8186	2.112 ug/L	90
3) Chloromethane	2.21	50	9007	2.206 ug/L	96
5) Vinyl chloride	2.37	62	12199	3.084 ug/L	92
6) Bromomethane	2.78	94	7473	3.046 ug/L	94
8) Chloroethane	2.93	64	6347	2.635 ug/L	92
9) Trichlorofluoromethane	3.26	101	8481	2.473 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	9532	2.604 ug/L	92
12) 1,1-Dichloroethene	4.04	96	9728	2.824 ug/L	88
13) Acetone	4.15	43	6952	5.550 ug/L	68
14) Carbon disulfide	4.37	76	31367	2.805 ug/L	100
15) Methyl Acetate	4.68	43	4969m	2.032 ug/L	
16) Methylene chloride	4.90	84	16209m	3.520 ug/L	
17) Methyl tert-butyl Ether	5.43	73	14043	2.535 ug/L	# 78
18) trans-1,2-Dichloroethene	5.42	96	9708	2.648 ug/L	94
19) 1,1-Dichloroethane	6.21	63	18808	2.690 ug/L	100
21) 2-Butanone	7.19	43	7570	4.408 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	10417	2.620 ug/L	93
23) Bromochloromethane	7.52	128	4780	2.704 ug/L	88
25) Chloroform	7.67	83	18467	2.616 ug/L	96
27) 1,2-Dichloroethane	8.40	62	13572	2.606 ug/L	# 95
30) Cyclohexane	7.96	56	14980	2.015 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	16877	2.593 ug/L	99
32) Carbon tetrachloride	8.07	117	16709	2.695 ug/L	100
34) Benzene	8.33	78	37794	2.198 ug/L	100
35) Trichloroethene	9.09	95	10490	2.358 ug/L	97
36) Methylcyclohexane	9.34	83	17565	2.203 ug/L	99
40) 1,2-Dichloropropane	9.37	63	8706	1.950 ug/L	98
41) Bromodichloromethane	9.65	83	12266	2.228 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	14080	2.145 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	14622	4.083 ug/L	97

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	43375	2.439	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	13449	2.244	ug/L	91
46) 1,1,2-Trichloroethane	10.79	97	7966	2.407	ug/L	98
47) Tetrachloroethene	10.87	164	9349	2.578	ug/L	99
49) 2-Hexanone	10.98	43	9156	3.538	ug/L	96
50) Dibromochloromethane	11.13	129	9739	2.502	ug/L	97
51) 1,2-Dibromoethane	11.24	107	7438	2.376	ug/L	85
52) Chlorobenzene	11.66	112	29387	2.550	ug/L	97
53) Ethylbenzene	11.74	91	49274	2.386	ug/L	99
54) m,p-Xylene	11.84	106	17938	2.366	ug/L	96
55) o-xylene	12.17	106	16401	2.285	ug/L	92
56) Styrene	12.19	104	28867	2.338	ug/L	99
57) Isopropylbenzene	12.47	105	45981	2.289	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	9636	2.141	ug/L #	91
59) 1,2,3-Trichloropropane	12.78	75	7888	2.197	ug/L	98
62) Bromoform	12.35	173	5925	2.329	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	22889	2.468	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	24882	2.613	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	22464	2.575	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	2021	2.233	ug/L	91
67) 1,3,5-Trichlorobenzene	14.64	180	19136	2.634	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	14668	2.462	ug/L	97
69) Naphthalene	15.38	128	25998	2.056	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	14085	2.503	ug/L	99

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

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