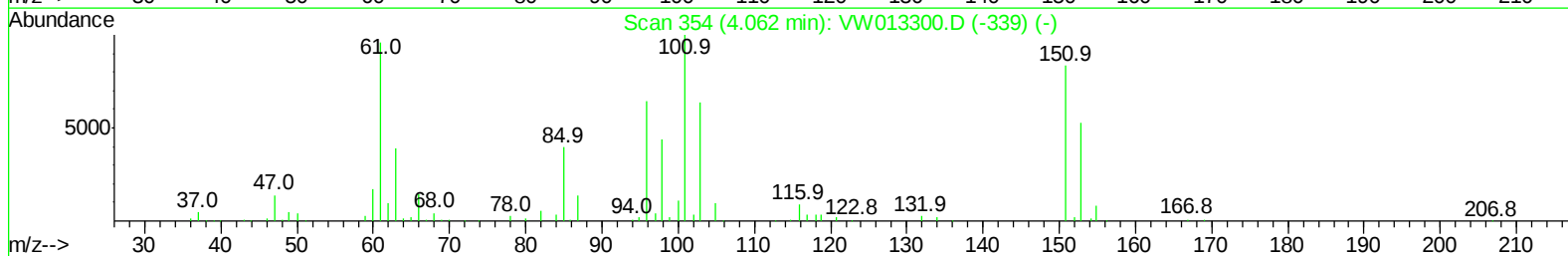
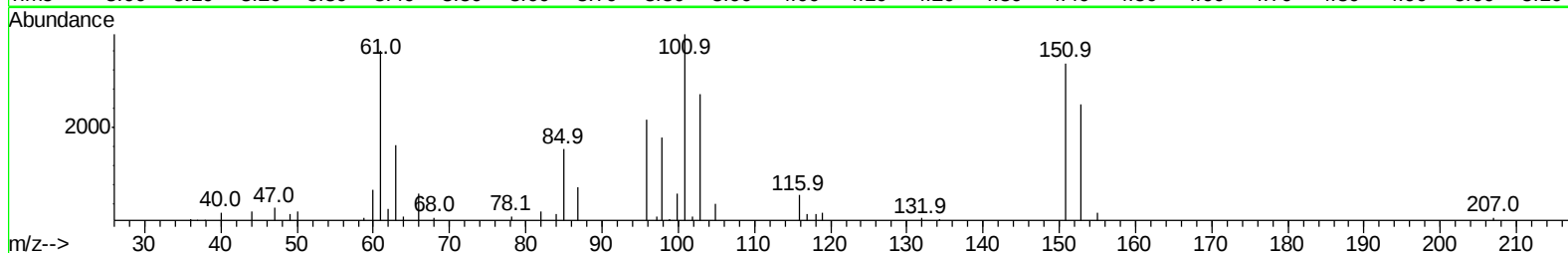
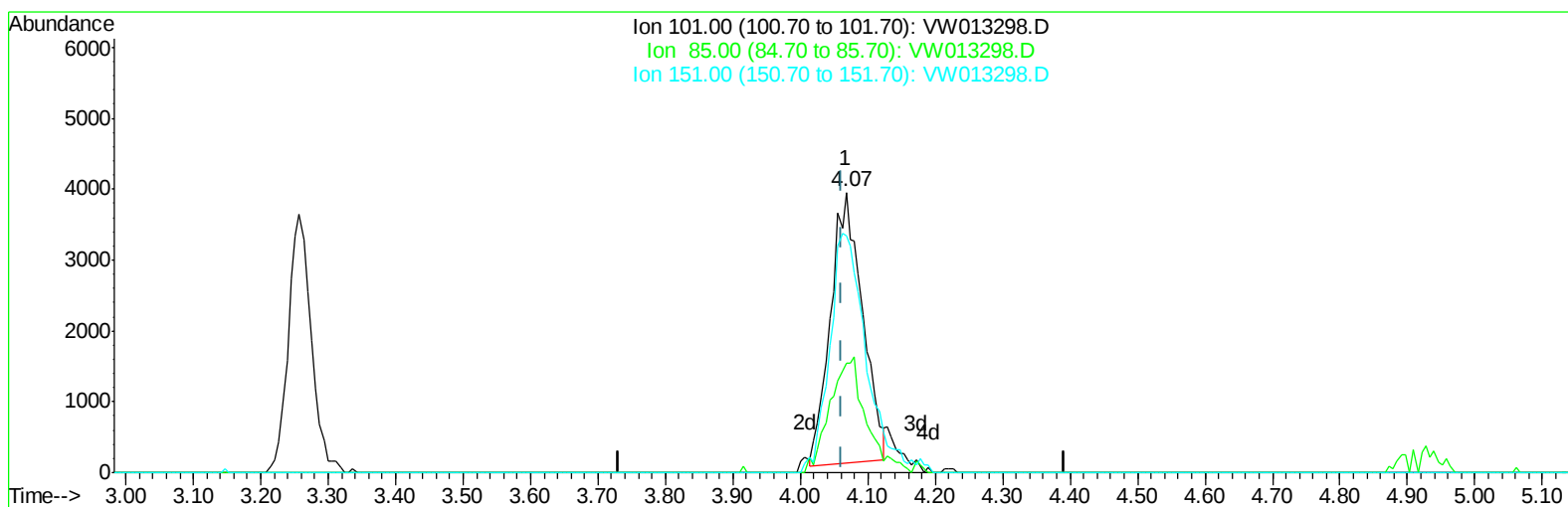


Data File : VW013298.D
Acq On : 26 Sep 2019 10:01
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 11:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
Response via : Initial Calibration



TIC: VW013298.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

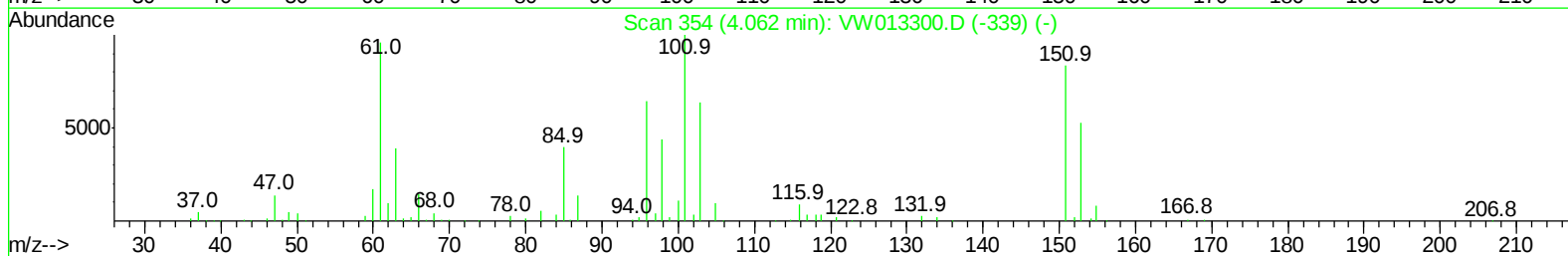
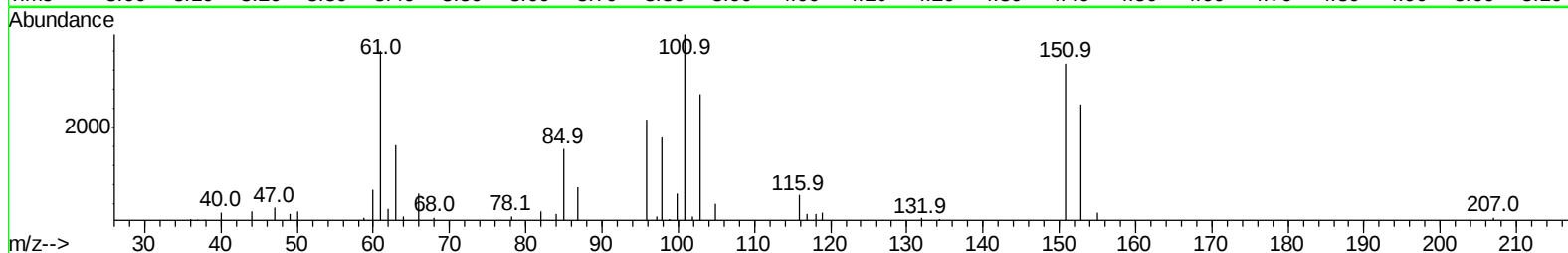
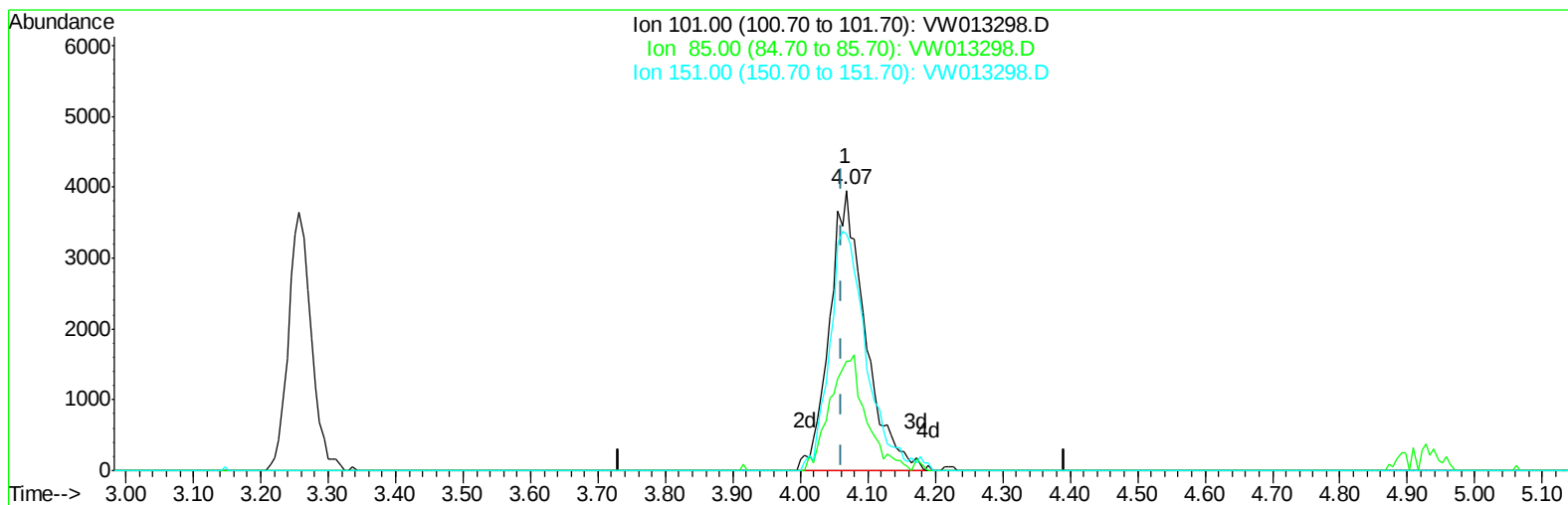
4.068min (+0.006) 1.98ug/L

response 12595

Ion	Exp%	Act%
101.00	100	100
85.00	39.80	45.40
151.00	81.70	94.17
0.00	0.00	0.00

Data File : VW013298.D
Acq On : 26 Sep 2019 10:01
Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 11:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
Response via : Initial Calibration



TIC: VW013298.D

(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

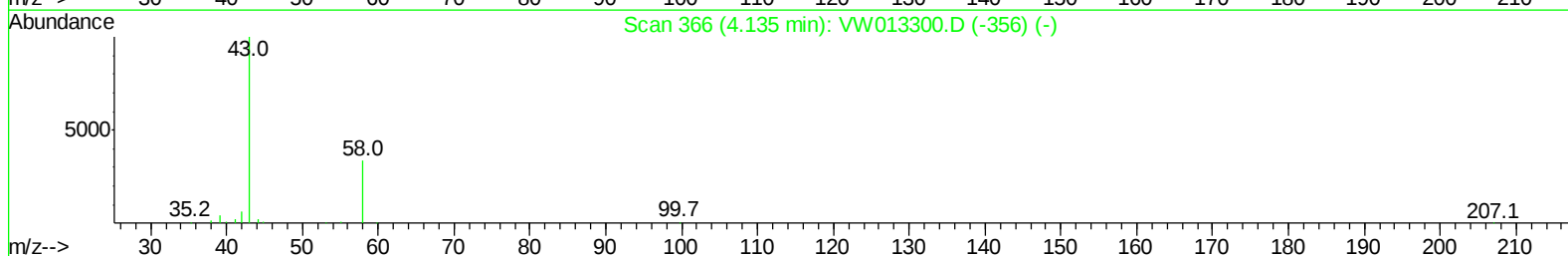
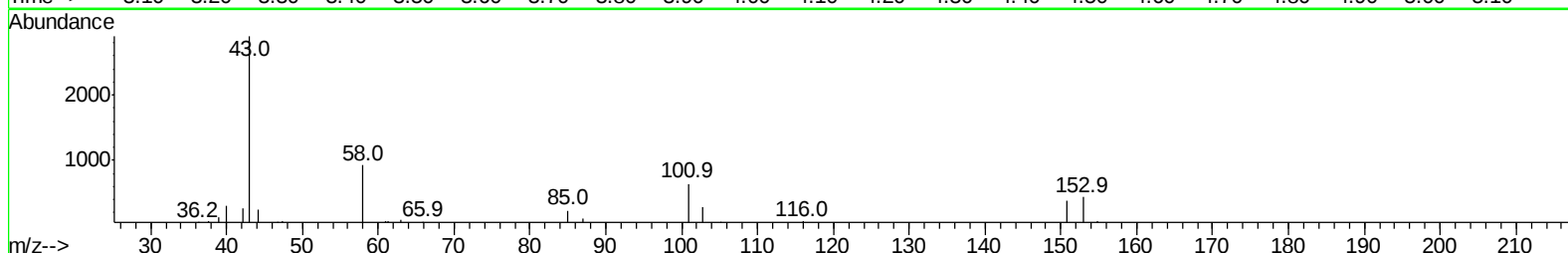
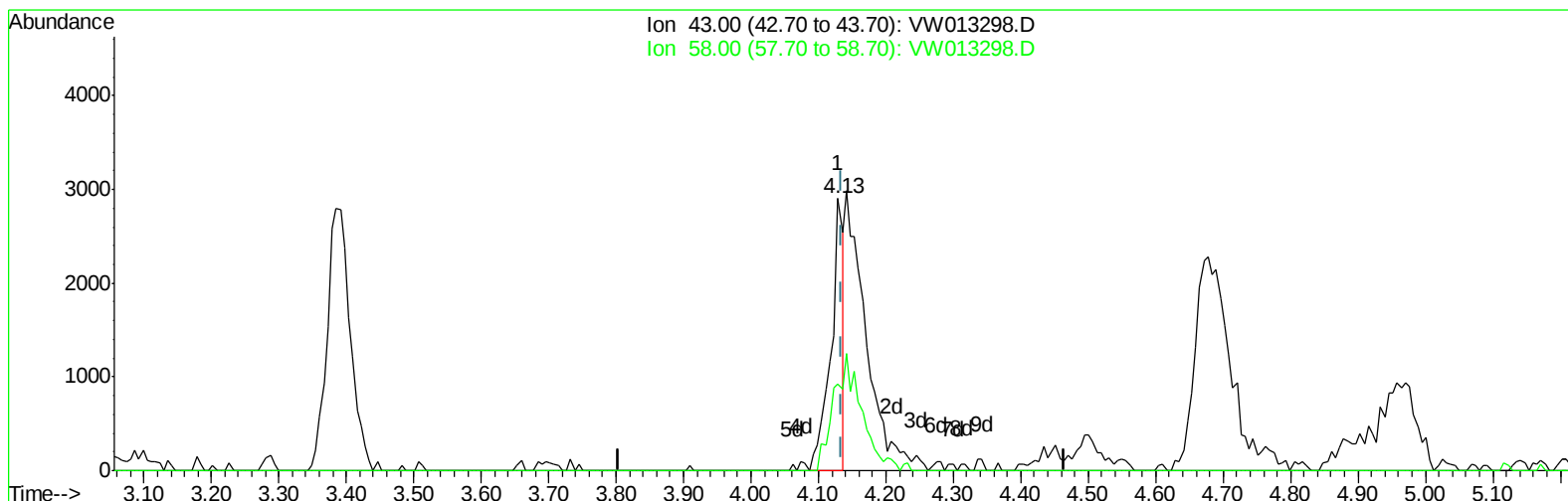
4.068min (+0.006) 2.29ug/L m

response 14604

Ion	Exp%	Act%
101.00	100	100
85.00	39.80	39.15
151.00	81.70	81.22
0.00	0.00	0.00

Data File : VW013298.D
Acq On : 26 Sep 2019 10:01
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 11:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
Response via : Initial Calibration



TIC: VW013298.D

(13) Acetone (T)

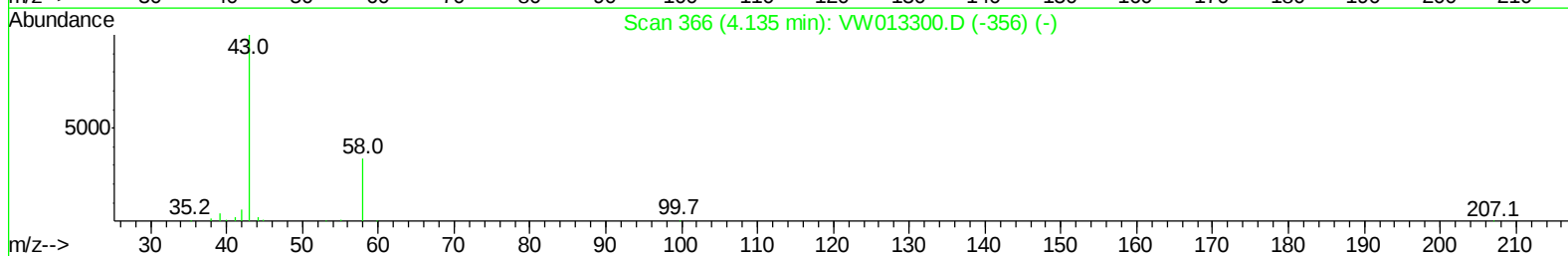
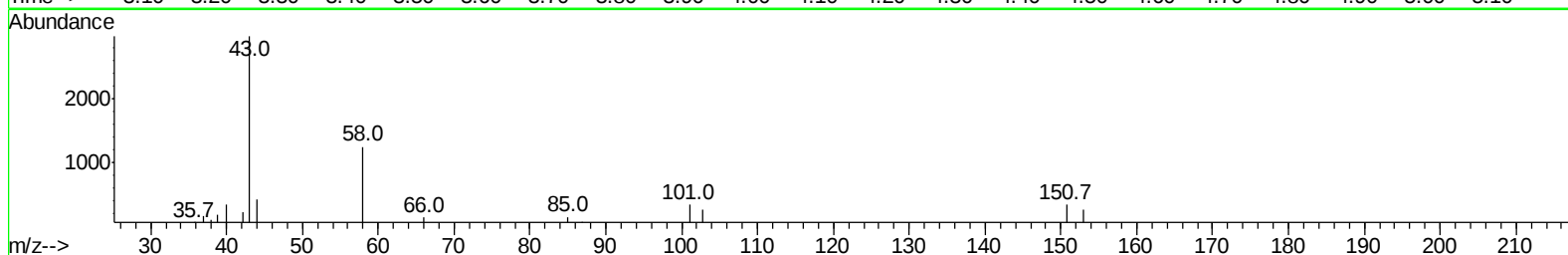
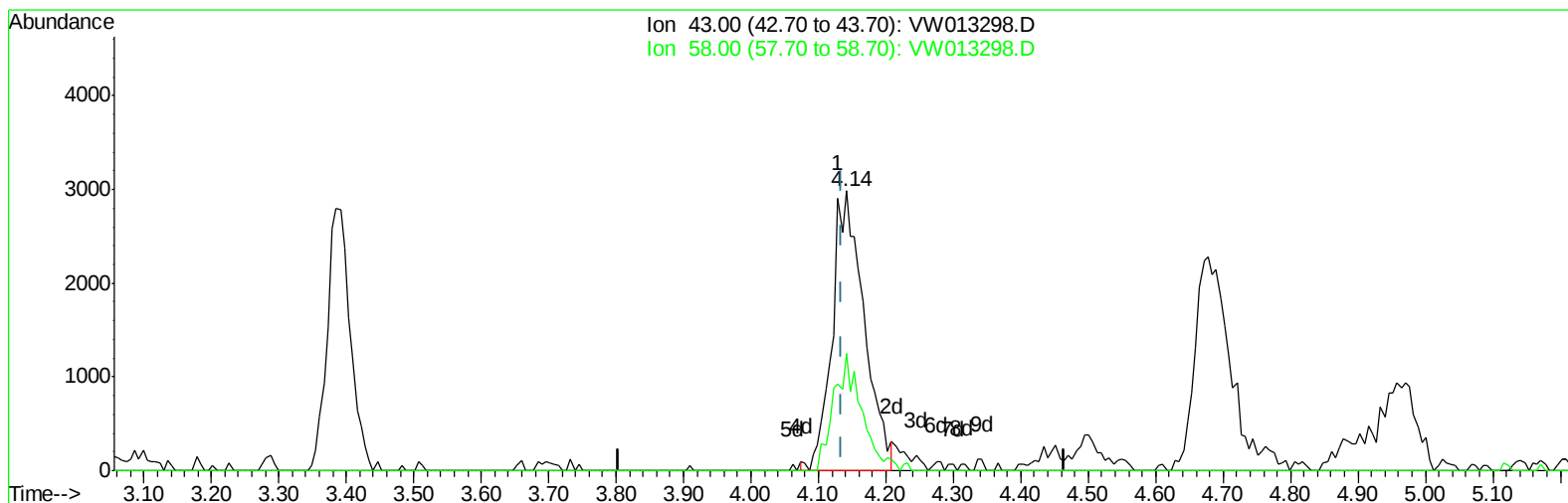
4.129min (-0.006) 2.09ug/L

response 3611

Ion	Exp%	Act%
43.00	100	100
58.00	31.60	37.94
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW013298.D
Acq On : 26 Sep 2019 10:01
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 11:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
Response via : Initial Calibration



TIC: VW013298.D

(13) Acetone (T)

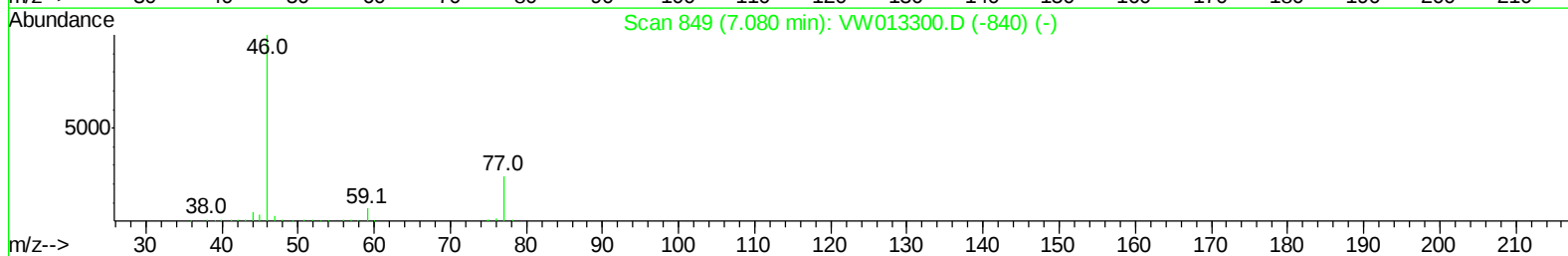
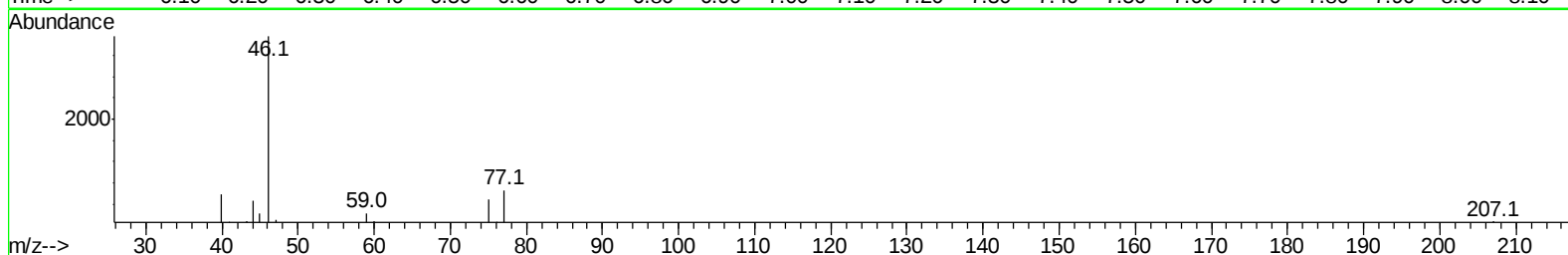
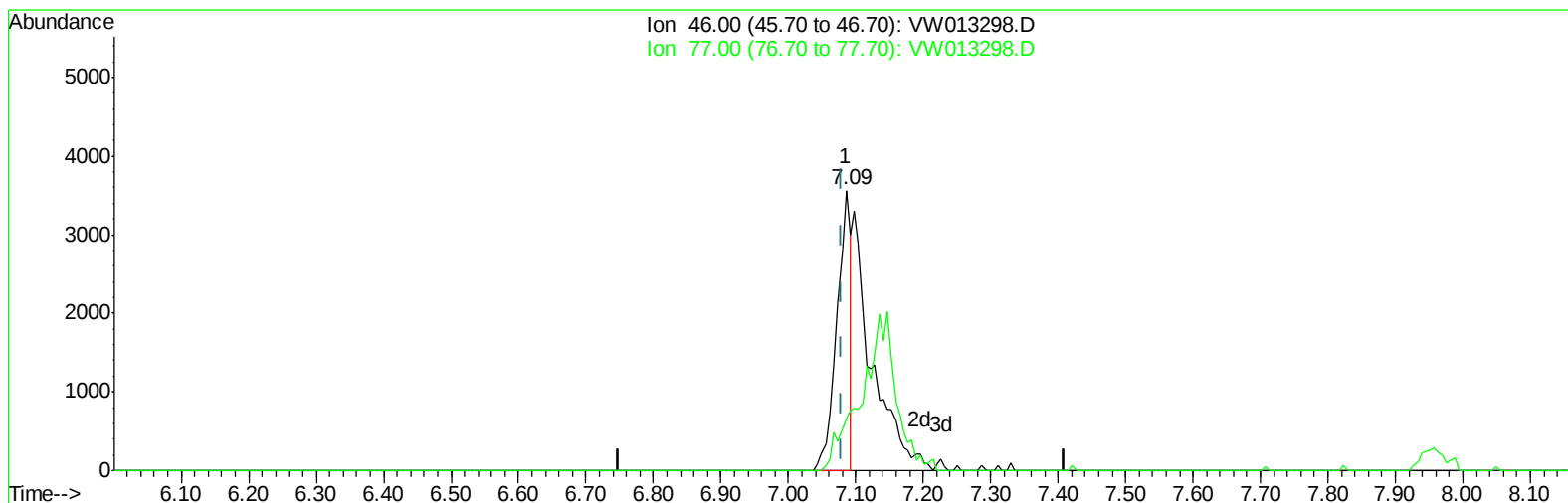
4.141min (+0.006) 5.64ug/L m

response 9753

Ion	Exp%	Act%
43.00	100	100
58.00	31.60	14.05
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW013298.D
Acq On : 26 Sep 2019 10:01
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 11:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
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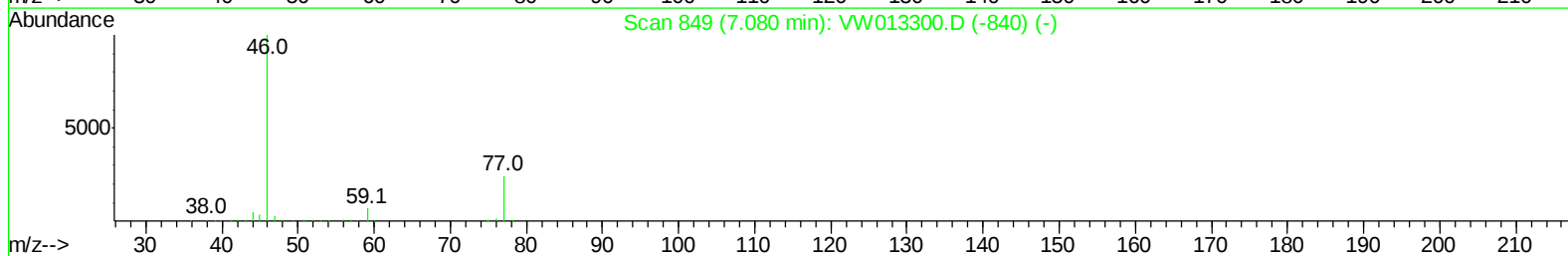
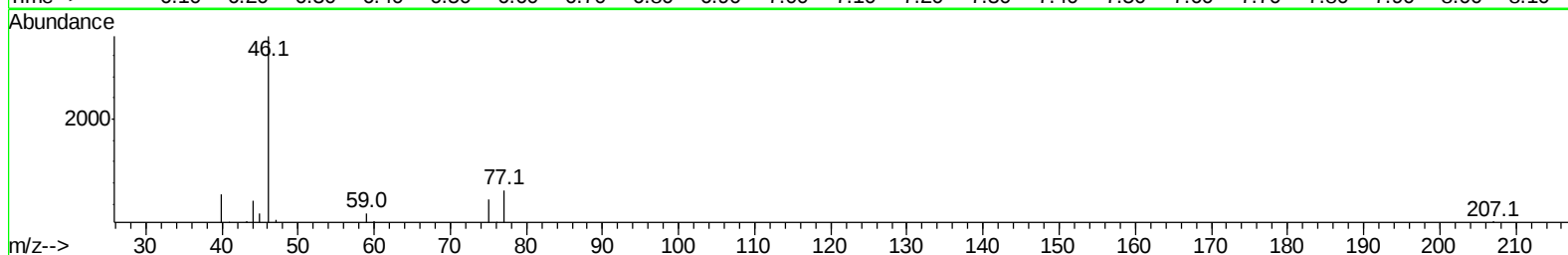
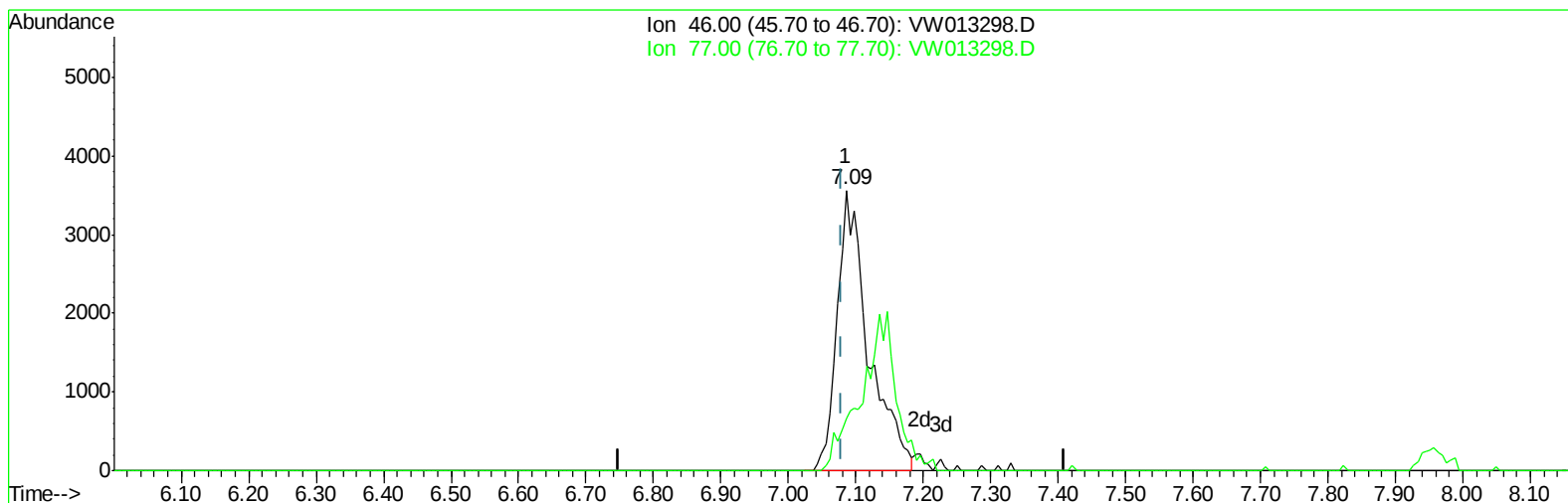
TIC: VW013298.D

(20) 2-Butanone-d5 (S)
7.086min (+0.006) 2.59ug/L
response 5194

Ion	Exp%	Act%
46.00	100	100
77.00	22.70	24.78
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW013298.D
Acq On : 26 Sep 2019 10:01
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 11:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
Response via : Initial Calibration



TIC: VW013298.D

(20) 2-Butanone-d5 (S)
7.086min (+0.006) 5.74ug/L m
response 11510

Ion	Exp%	Act%
46.00	100	100
77.00	22.70	11.18#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW013298.D
Acq On : 26 Sep 2019 10:01
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 11:40:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	533500	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	478516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233951	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	17109	3.19	ug/L	0.00
7) Chloroethane-d5	2.89	69	13668	3.10	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	32675	2.55	ug/L	0.00
20) 2-Butanone-d5	7.09	46	11510m	5.74	ug/L	0.00
24) Chloroform-d	7.65	84	32276	2.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	17530	2.43	ug/L	0.00
29) Benzene-d6	8.27	84	69261	2.84	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	20858	2.59	ug/L	0.00
37) Toluene-d8	10.32	98	64183	2.76	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	8992	2.53	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7611	5.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	16187	2.66	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	21638	2.43	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	5813	1.411	ug/L	93
3) Chloromethane	2.21	50	10571	1.881	ug/L	96
5) Vinyl chloride	2.36	62	13652	1.881	ug/L	96
6) Bromomethane	2.78	94	9701	2.238	ug/L	95
8) Chloroethane	2.93	64	8883	2.030	ug/L	92
9) Trichlorofluoromethane	3.26	101	8458	1.944	ug/L	92
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	14604m	2.293	ug/L	
12) 1,1-Dichloroethene	4.04	96	14669	2.306	ug/L	85
13) Acetone	4.14	43	9753m	5.641	ug/L	
14) Carbon disulfide	4.38	76	41091	2.160	ug/L	96
15) Methyl Acetate	4.68	43	7765	2.405	ug/L	99
16) Methylene chloride	4.92	84	30484	4.185	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	26148	2.362	ug/L #	78
18) trans-1,2-Dichloroethene	5.42	96	15939	2.336	ug/L	94
19) 1,1-Dichloroethane	6.21	63	28092	2.173	ug/L	96
21) 2-Butanone	7.18	43	13924	6.113	ug/L	75
22) cis-1,2-Dichloroethene	7.16	96	17406	2.405	ug/L	98
23) Bromochloromethane	7.51	128	7988	2.547	ug/L	95
25) Chloroform	7.68	83	28932	2.222	ug/L	98
27) 1,2-Dichloroethane	8.40	62	17814	2.025	ug/L	97
30) Cyclohexane	7.96	56	27604	2.164	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	23036	2.112	ug/L	99
32) Carbon tetrachloride	8.07	117	21523	2.113	ug/L	97
34) Benzene	8.32	78	66418	2.308	ug/L	100
35) Trichloroethene	9.10	95	17877	2.354	ug/L	98
36) Methylcyclohexane	9.34	83	29863	2.274	ug/L	98
40) 1,2-Dichloropropane	9.37	63	16289	2.250	ug/L #	92
41) Bromodichloromethane	9.65	83	19077	2.069	ug/L	90
42) cis-1,3-Dichloropropene	10.07	75	24724	2.174	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	23427	5.088	ug/L	95

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Quant Title : VOC Analysis
QLast Update : Thu Sep 26 11:15:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	72664	2.360	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	18989	2.060	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	12802	2.630	ug/L	91
47) Tetrachloroethene	10.87	164	16077	2.459	ug/L	88
49) 2-Hexanone	10.97	43	15862	4.660	ug/L	96
50) Dibromochloromethane	11.13	129	13728	2.316	ug/L	92
51) 1,2-Dibromoethane	11.23	107	11832	2.527	ug/L	98
52) Chlorobenzene	11.66	112	45477	2.364	ug/L	96
53) Ethylbenzene	11.73	91	79426	2.273	ug/L	96
54) m,p-Xylene	11.84	106	29753	2.277	ug/L	95
55) o-xylene	12.16	106	28502	2.319	ug/L	95
56) Styrene	12.18	104	46600	2.228	ug/L	98
57) Isopropylbenzene	12.46	105	76407	2.264	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	14666	2.649	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	11490	2.693	ug/L	97
62) Bromoform	12.35	173	8271	2.474	ug/L #	94
63) 1,3-Dichlorobenzene	13.50	146	35556	2.399	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	36607	2.476	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	32494	2.445	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	2382	2.586	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	26309	2.308	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	19302	2.136	ug/L	99
69) Naphthalene	15.37	128	31239	2.135	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	18189	2.281	ug/L	99

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

[illegible]