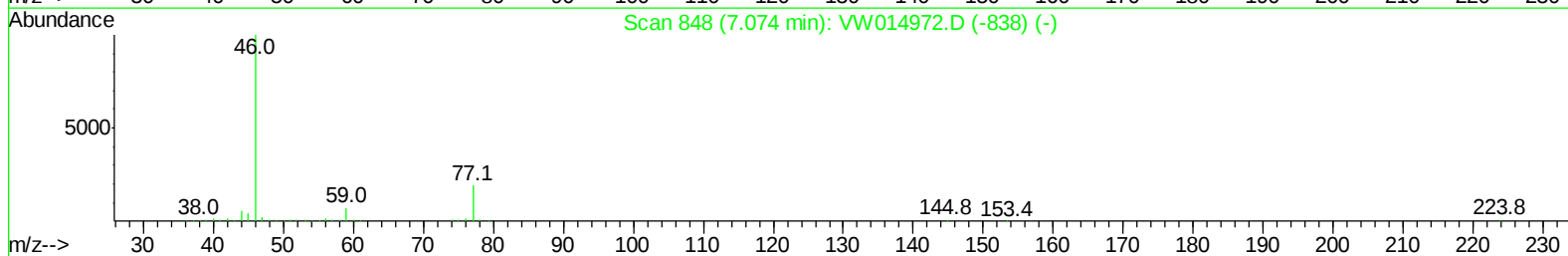
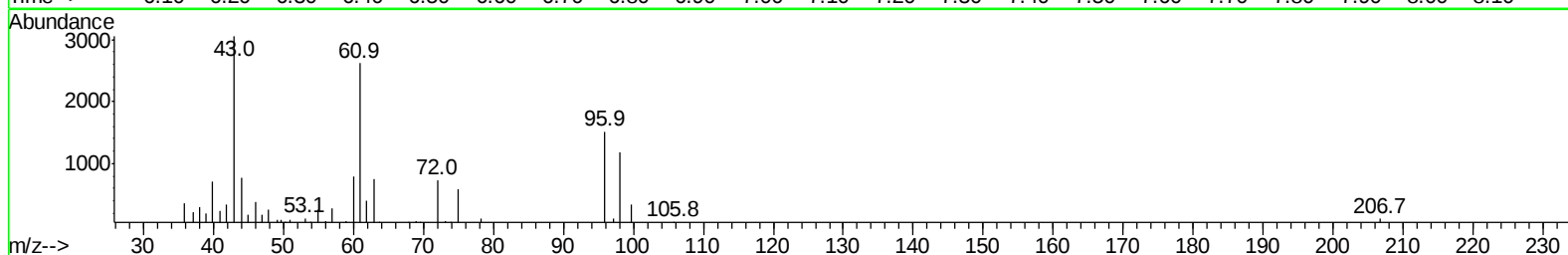
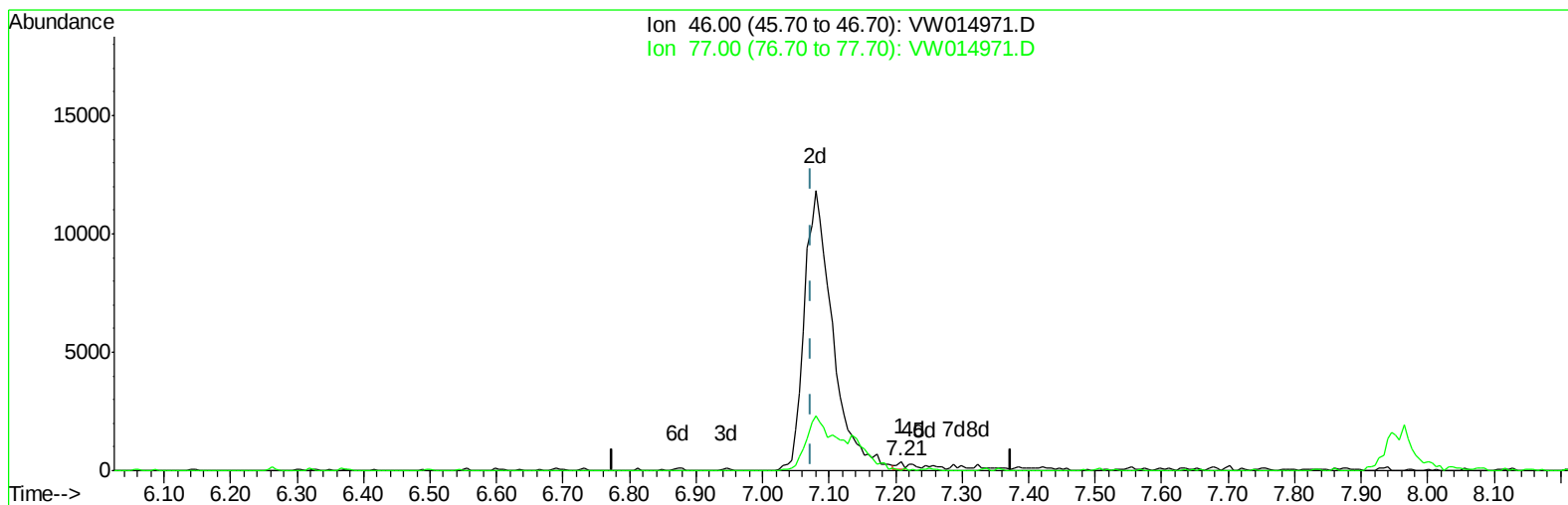


Data File : VW014971.D
Acq On : 13 Feb 2020 10:13
Operator : SY/VA
Sample : VSTD00502
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 13 11:47:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 13 11:44:58 2020
Response via : Initial Calibration



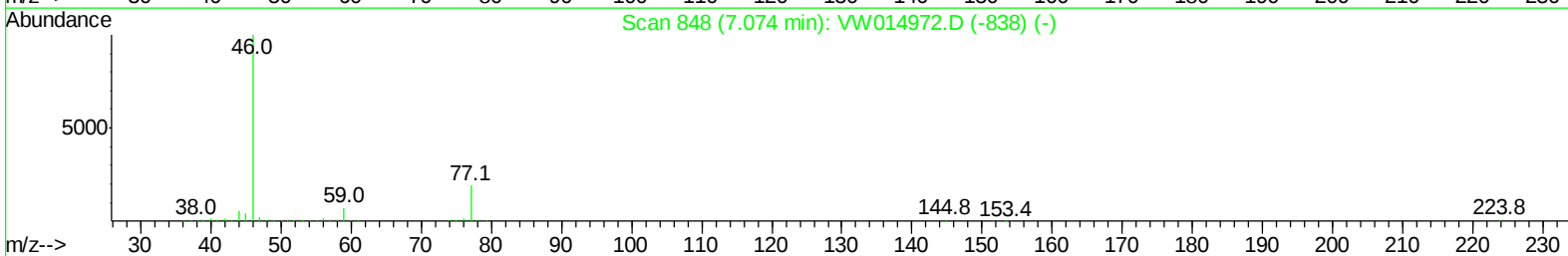
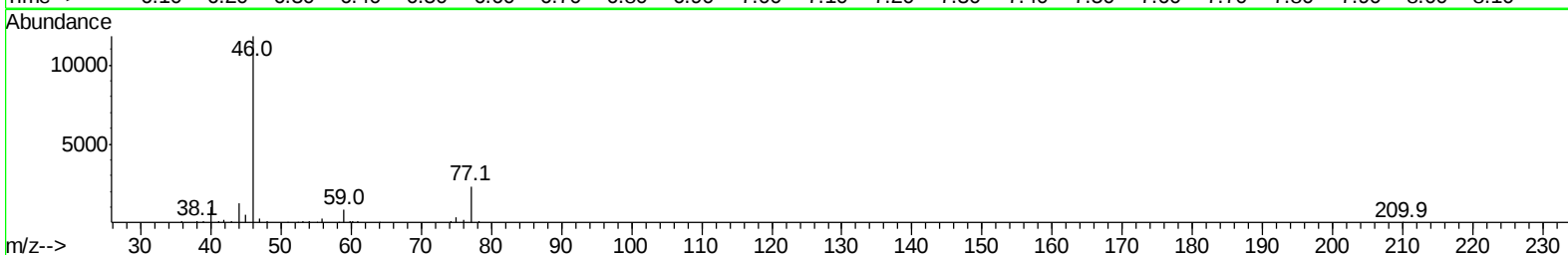
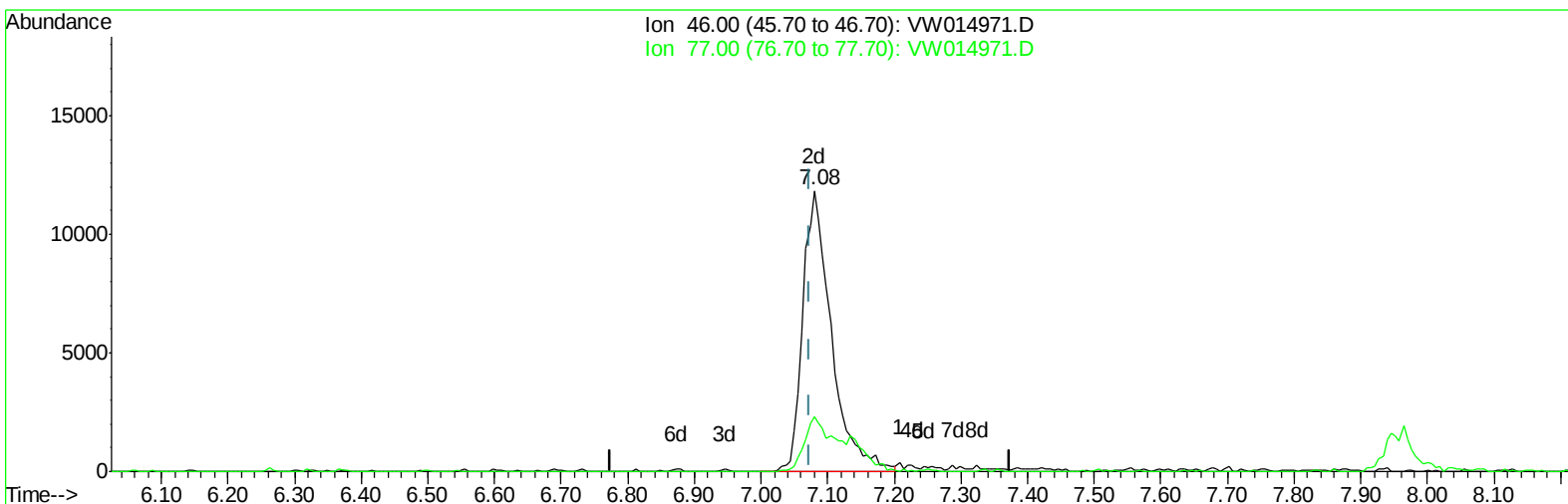
TIC: VW014971.D

(21) 2-Butanone-d5 (S)
7.208min (+0.134) 0.05ug/L
response 203

Ion	Exp%	Act%
46.00	100	100
77.00	19.10	16.26
0.00	0.00	0.00
0.00	0.00	0.00

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TIC: VW014971.D

(21) 2-Butanone-d5 (S)

7.080min (+0.006) 7.87ug/L m

response 35175

Ion	Exp%	Act%
46.00	100	100
77.00	19.10	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : SFAM01.0
QLast Update : Thu Feb 13 11:44:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	738374	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	674929	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	288089	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70980	7.00	ug/L	0.00
7) Chloroethane-d5	2.89	69	54631	6.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.02	63	125958	7.04	ug/L	0.00
21) 2-Butanone-d5	7.08	46	35175m	7.87	ug/L	0.00
24) Chloroform-d	7.65	84	119329	7.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	67079	6.93	ug/L	0.00
32) Benzene-d6	8.27	84	226789	6.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	77524	6.98	ug/L	0.00
41) Toluene-d8	10.32	98	182159	5.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.57	79	27295	4.87	ug/L	0.00
47) 2-Hexanone-d5	10.92	63	20525	5.34	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	54706	4.54	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	52586	5.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	38749	3.358 ug/L	95
3) Chloromethane	2.21	50	70766	5.613 ug/L	99
5) Vinyl chloride	2.36	62	94735	7.142 ug/L	96
6) Bromomethane	2.78	94	42169	5.464 ug/L	96
8) Chloroethane	2.93	64	49753	6.502 ug/L	100
9) Trichlorofluoromethane	3.26	101	34856	2.239 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	58389	6.041 ug/L	98
12) 1,1-Dichloroethene	4.04	96	54024	5.665 ug/L	98
13) Acetone	4.12	43	39316	7.626 ug/L	95
14) Carbon disulfide	4.39	76	202137	6.276 ug/L	98
15) Methyl Acetate	4.67	43	33242	4.172 ug/L	99
16) Methylene chloride	4.92	84	75193	6.096 ug/L	98
17) trans-1,2-Dichloroethene	5.43	96	54613	5.114 ug/L	93
18) Methyl tert-butyl Ether	5.43	73	63860	2.165 ug/L #	87
19) 1,1-Dichloroethane	6.21	63	125922	6.906 ug/L	100
20) cis-1,2-Dichloroethene	7.17	96	53983	4.602 ug/L	100
22) 2-Butanone	7.17	43	42322	6.557 ug/L	100
23) Bromochloromethane	7.51	128	23240	4.482 ug/L	92
25) Chloroform	7.68	83	114939	6.371 ug/L	99
27) 1,2-Dichloroethane	8.40	62	81312	6.357 ug/L	100
29) Cyclohexane	7.96	56	96729	5.134 ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	86676	5.724 ug/L	98
31) Carbon tetrachloride	8.07	117	77107	5.774 ug/L	99
33) Benzene	8.32	78	259367	6.029 ug/L	100
34) Trichloroethene	9.09	95	60558	5.516 ug/L	97
35) Methylcyclohexane	9.34	83	96552	4.772 ug/L	97
37) 1,2-Dichloropropane	9.37	63	72007	6.643 ug/L	99
38) Bromodichloromethane	9.65	83	77992	5.621 ug/L	100
39) cis-1,3-Dichloropropene	10.07	75	84007	4.575 ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	82418	7.003 ug/L	97

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Quant Title : SFAM01.0
QLast Update : Thu Feb 13 11:44:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	10.39	91	237048	5.089	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	68964	4.415	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	41006	4.392	ug/L	98
46) Tetrachloroethene	10.86	164	39559	4.684	ug/L	94
48) 2-Hexanone	10.97	43	54374	6.024	ug/L	99
49) Dibromochloromethane	11.13	129	42554	4.217	ug/L	98
50) 1,2-Dibromoethane	11.23	107	36517	3.872	ug/L	99
51) Chlorobenzene	11.66	112	144007	4.879	ug/L	98
52) Ethylbenzene	11.73	91	250752	4.802	ug/L	100
53) m,p-Xylene	11.84	106	88142	4.344	ug/L	99
54) o-Xylene	12.16	106	79161	4.072	ug/L	93
55) Styrene	12.18	104	138570	4.072	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.71	83	54476	4.162	ug/L	99
59) Bromoform	12.35	173	21033	3.453	ug/L	99
60) Isopropylbenzene	12.46	105	216355	4.714	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	42384	4.731	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	158930	4.183	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	155446	4.135	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	92369	4.537	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	98527	4.821	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	85350	4.529	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.49	75	7991	3.535	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.63	180	61069	4.366	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	40557	3.182	ug/L	99
71) Naphthalene	15.36	128	35704	1.005	ug/L	98
72) 1,2,3-Trichlorobenzene	15.56	180	37813	3.180	ug/L	99

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

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