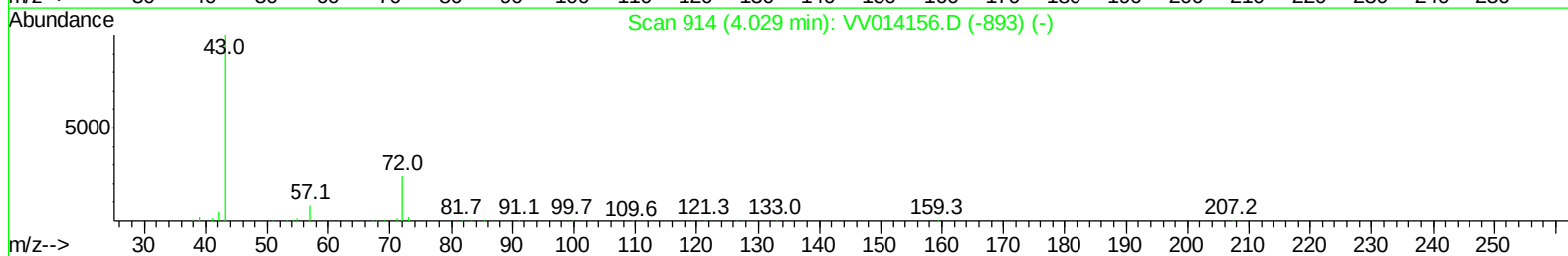
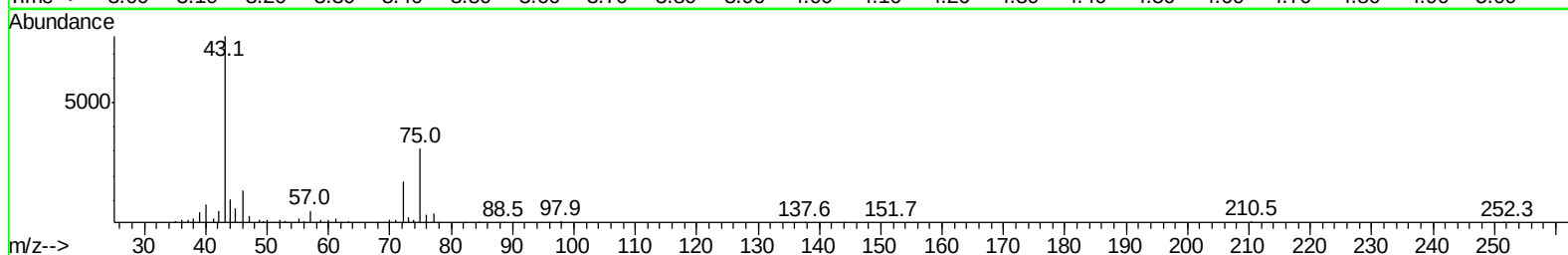
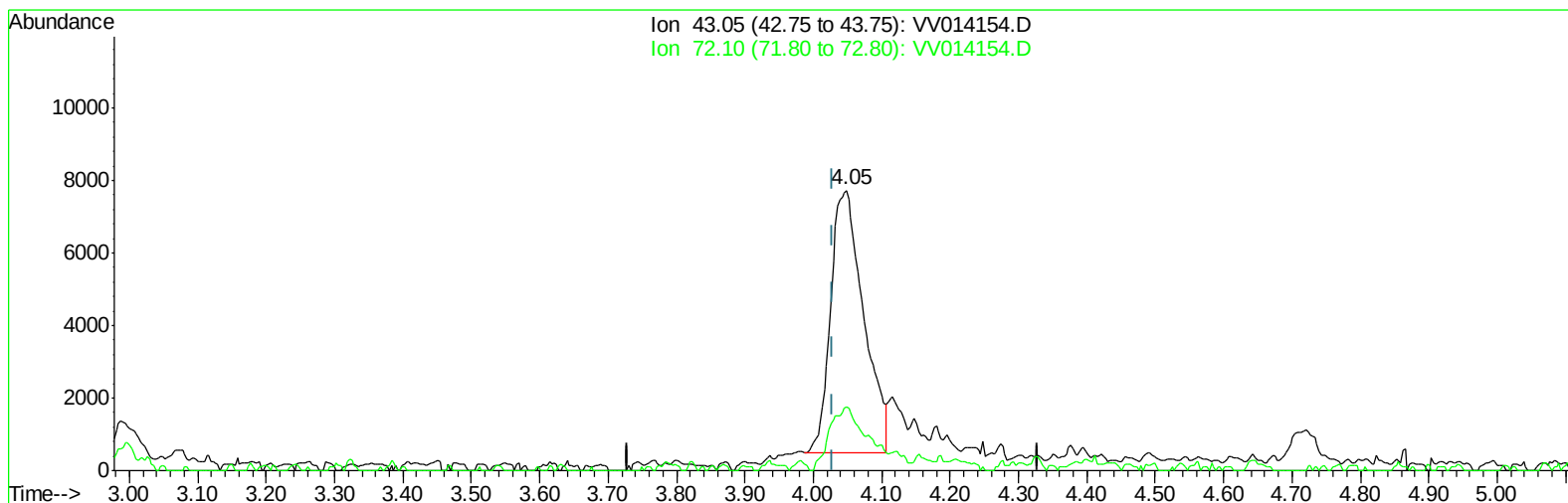


Data File : VV014154.D
Acq On : 23 Dec 2019 11:06
Operator : SY/MD
Sample : VSTD0.5
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 12:18:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 23 12:16:30 2019
Response via : Initial Calibration



TIC: VV014154.D

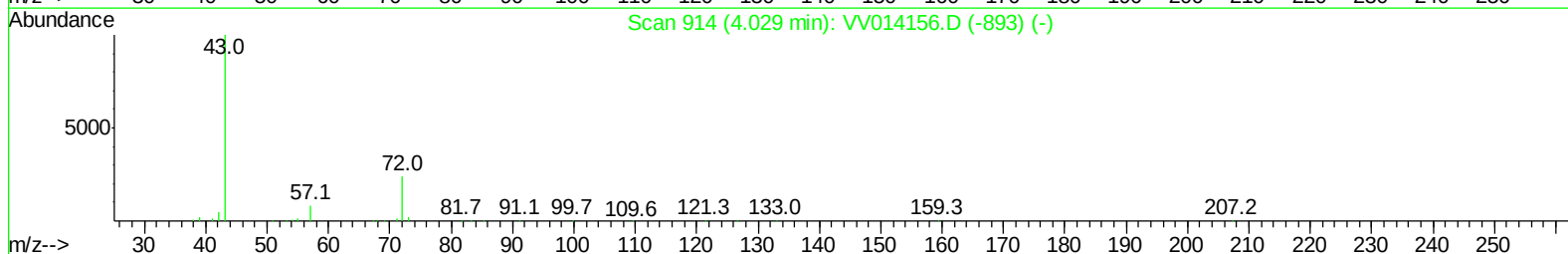
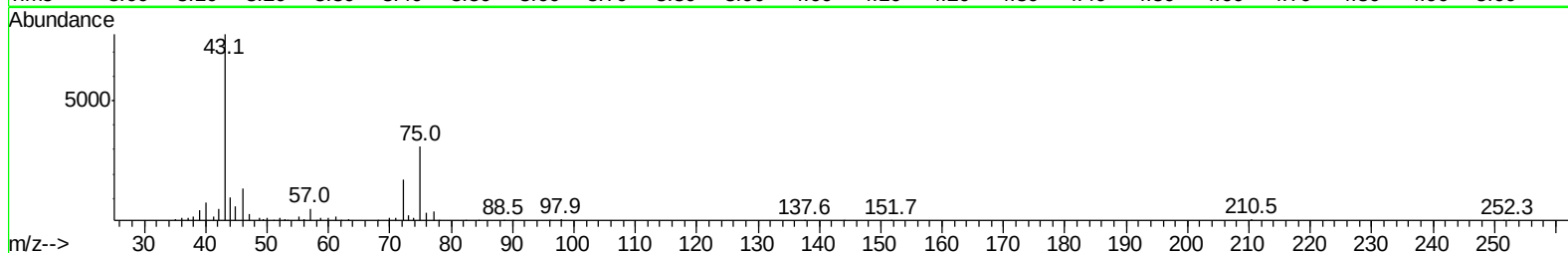
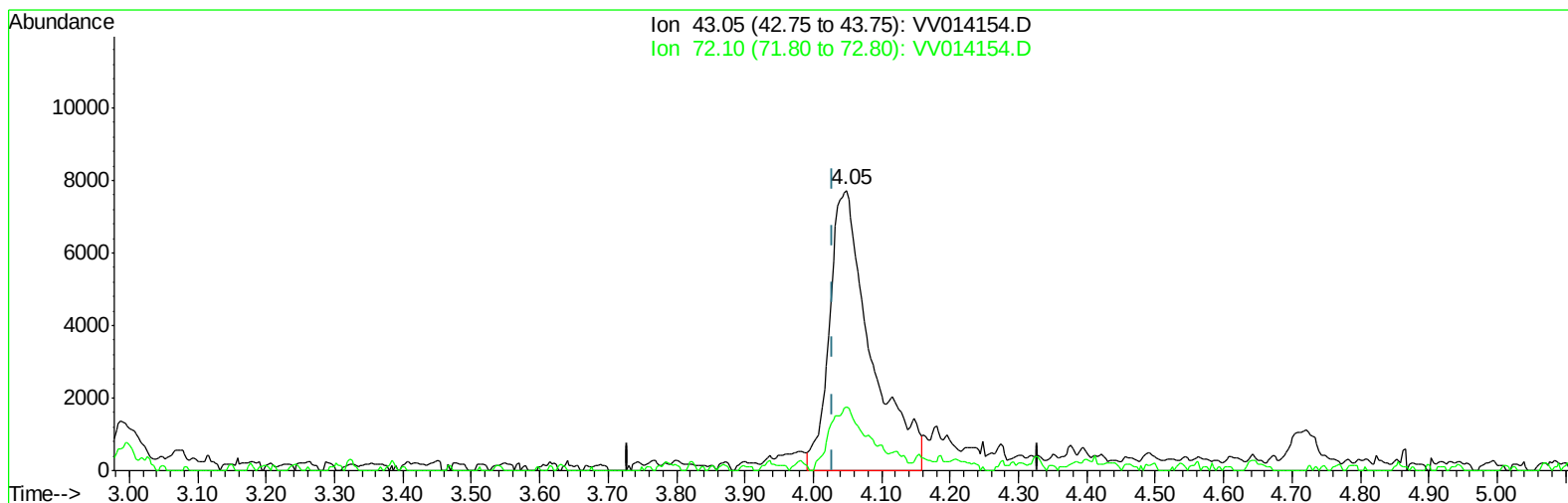
(21) 2-Butanone (T)
4.048min (+0.019) 3.78ug/L

response 24328

Ion	Exp%	Act%
43.05	100	100
72.10	24.70	27.31
0.00	0.00	0.00
0.00	0.00	0.00

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TIC: VV014154.D

(21) 2-Butanone (T)
4.048min (+0.019) 5.01ug/L m
response 32238

Ion	Exp%	Act%
43.05	100	100
72.10	24.70	20.61
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Dec 23 12:22:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 23 12:16:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	473573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	454636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	224884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19007	0.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	15916	0.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	29421	0.60	ug/L	0.00
20) 2-Butanone-d5	3.96	46	26973	4.43	ug/L	0.02
24) Chloroform-d	4.39	84	32990	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	16303	0.58	ug/L	0.00
32) Benzene-d6	5.09	84	59759	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	18047	0.52	ug/L	0.00
41) Toluene-d8	7.35	98	51626	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	7145	0.53	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	16420	3.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	13664	0.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	21663	0.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18388	0.583 ug/L	98
3) Chloromethane	1.25	50	19277	0.696 ug/L	100
5) Vinyl chloride	1.32	62	17232	0.609 ug/L	95
6) Bromomethane	1.53	94	8945	0.600 ug/L	98
8) Chloroethane	1.60	64	10783	0.632 ug/L	91
9) Trichlorofluoromethane	1.77	101	23862	0.543 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13504	0.517 ug/L	100
12) 1,1-Dichloroethene	2.14	96	13675	0.601 ug/L	89
13) Acetone	2.21	43	33659	7.899 ug/L	95
14) Carbon disulfide	2.32	76	39988	0.761 ug/L	97
15) Methyl Acetate	2.46	43	4566	0.479 ug/L	96
16) Methylene chloride	2.53	84	22282	0.714 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	27546	0.442 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	14391	0.560 ug/L	97
19) 1,1-Dichloroethane	3.23	63	27547	0.537 ug/L	97
21) 2-Butanone	4.05	43	32238m	5.005 ug/L	
22) cis-1,2-Dichloroethene	3.95	96	13930	0.462 ug/L #	89
23) Bromochloromethane	4.29	128	6841	0.516 ug/L	92
25) Chloroform	4.42	83	27819	0.511 ug/L	100
27) 1,2-Dichloroethane	5.17	62	14943	0.480 ug/L #	84
29) 1,1,1-Trichloroethane	4.65	97	24006	0.516 ug/L	96
30) Cyclohexane	4.72	56	19855	0.511 ug/L	98
31) Carbon tetrachloride	4.87	117	21269	0.520 ug/L	97
33) Benzene	5.14	78	52787	0.473 ug/L	100
34) Trichloroethene	5.96	95	13950	0.453 ug/L	96
35) Methylcyclohexane	6.17	83	19088	0.465 ug/L	94
37) 1,2-Dichloropropane	6.22	63	13162	0.459 ug/L	99
38) Bromodichloromethane	6.55	83	17563	0.464 ug/L #	97
39) cis-1,3-Dichloropropene	7.07	75	18606	0.457 ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	61524	3.679 ug/L	99

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Quant Time: Dec 23 12:22:11 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 23 12:16:30 2019
Response via : Initial Calibration

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

42) Toluene	7.42	91	54550	0.456	ug/L	95
44) trans-1,3-Dichloropropene	7.69	75	14018	0.440	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	9491	0.465	ug/L	92
47) Tetrachloroethene	8.01	164	14130	0.529	ug/L	96
48) 2-Hexanone	8.19	43	41930	3.513	ug/L	94
49) Dibromochloromethane	8.28	129	11586	0.442	ug/L	94
50) 1,2-Dibromoethane	8.39	107	8101	0.438	ug/L #	94
51) Chlorobenzene	8.92	112	38285	0.460	ug/L	96
52) Ethylbenzene	9.05	91	51686	0.398	ug/L	100
53) m,p-xylene	9.18	106	20429	0.412	ug/L	91
54) o-xylene	9.58	106	18057	0.373	ug/L	97
55) Styrene	9.60	104	30293	0.363	ug/L	98
56) Isopropylbenzene	9.97	105	46137	0.350	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	11294	0.503	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	8162	0.464	ug/L	94
61) Bromoform	9.77	173	7253	0.512	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	28071	0.430	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	30154	0.453	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	27282	0.450	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	1743	0.495	ug/L #	89
67) 1,3,5-Trichlorobenzene	12.69	180	23287	0.422	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	18723	0.414	ug/L	95
69) Naphthalene	13.55	128	20457	0.332	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	15518	0.376	ug/L	92

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

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```
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ALS Vial    : 2      Sample Multiplier: 1
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