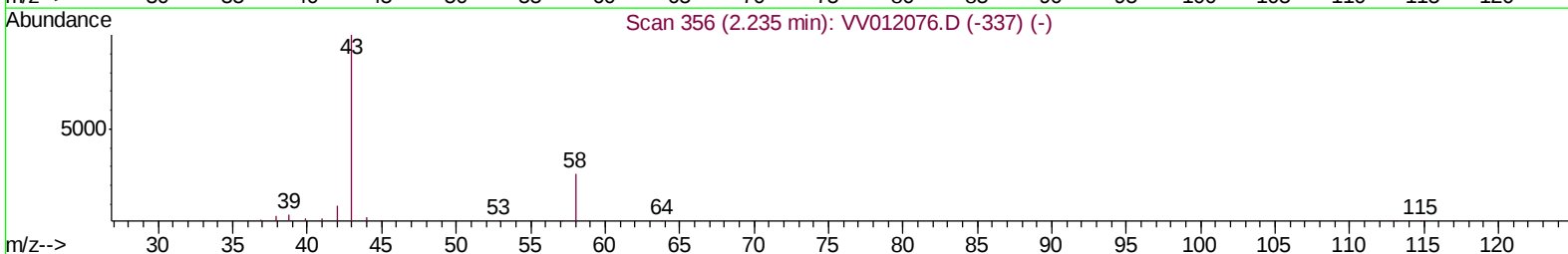
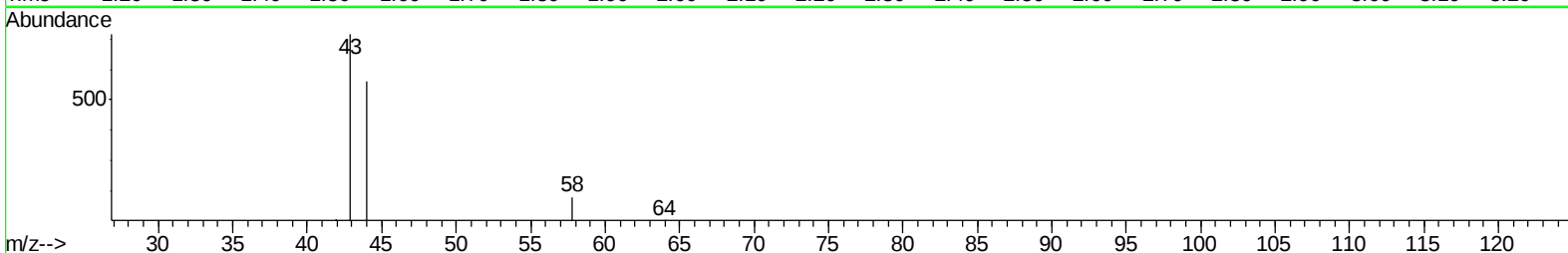
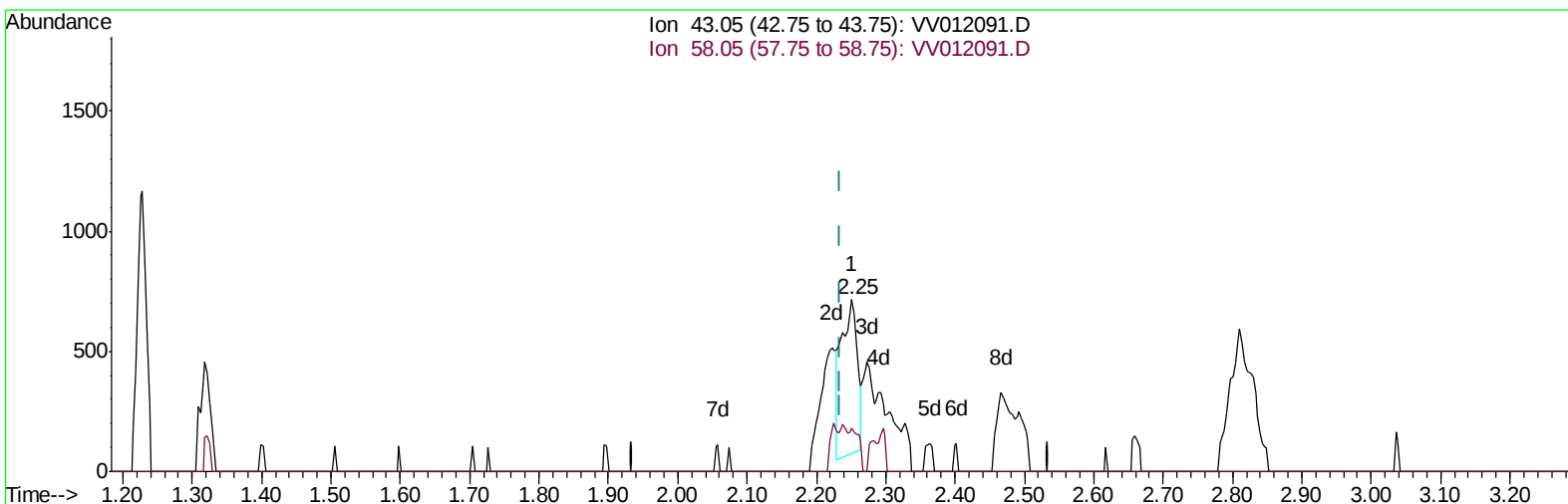


Data File : VV012091.D
Acq On : 31 Jul 2019 00:49
Operator : SY/MD
Sample : MDL08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 31 05:41:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration



TIC: VV012091.D

(13) Acetone (T)

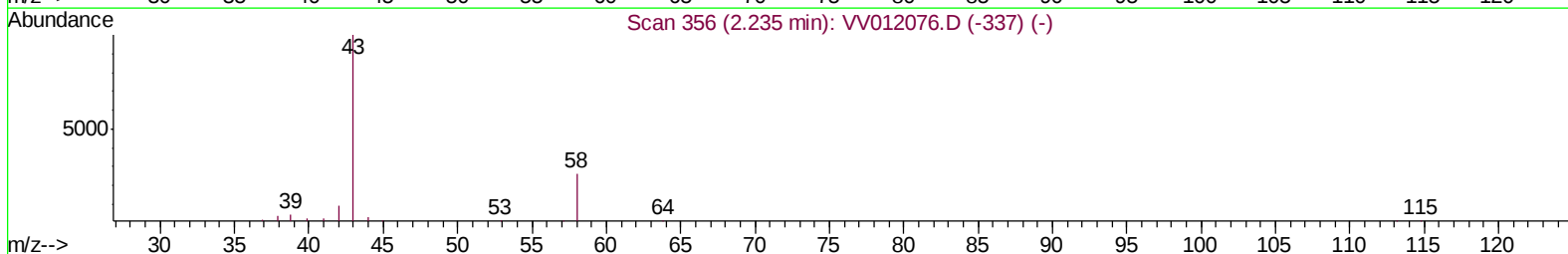
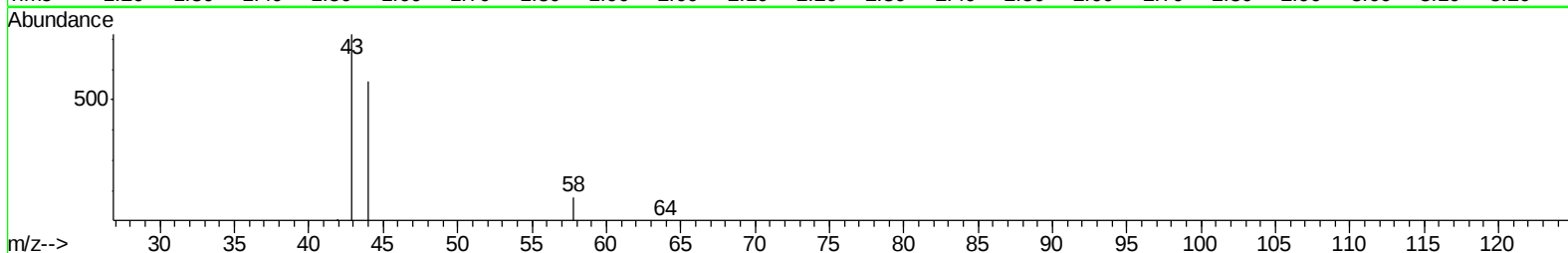
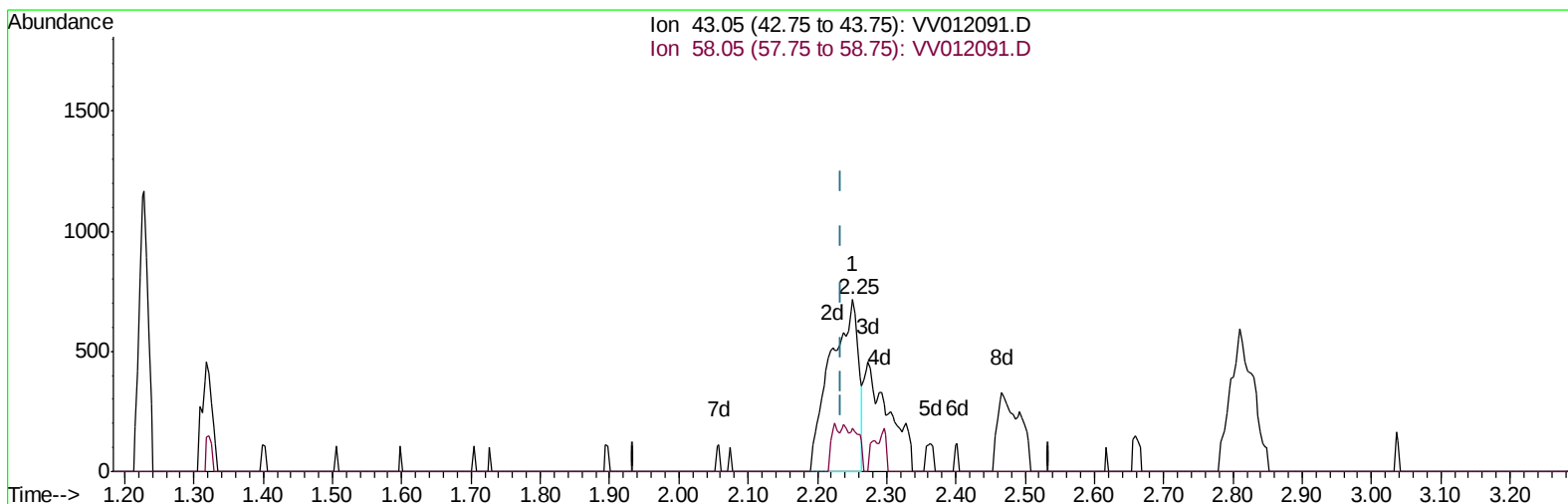
2.251min (+0.016) 1.45ug/L

response 1030

Ion	Exp%	Act%
43.05	100	100
58.05	25.50	3.98
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 31 05:41:15 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
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TIC: VV012091.D

(13) Acetone (T)

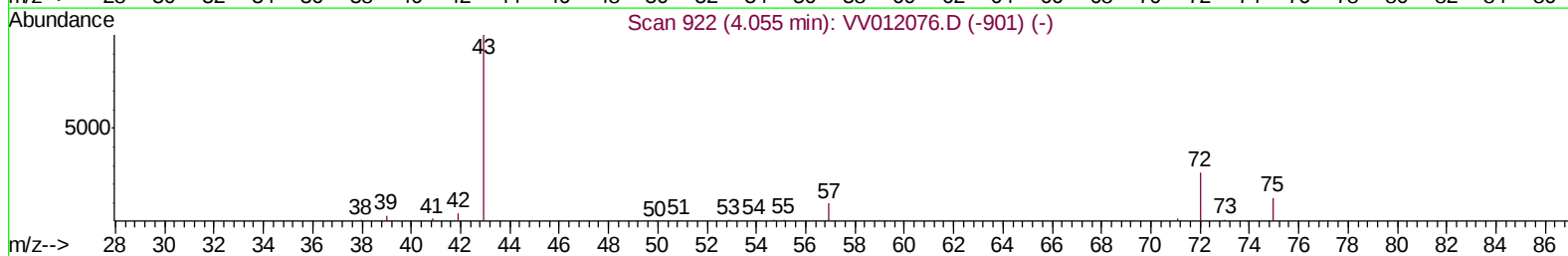
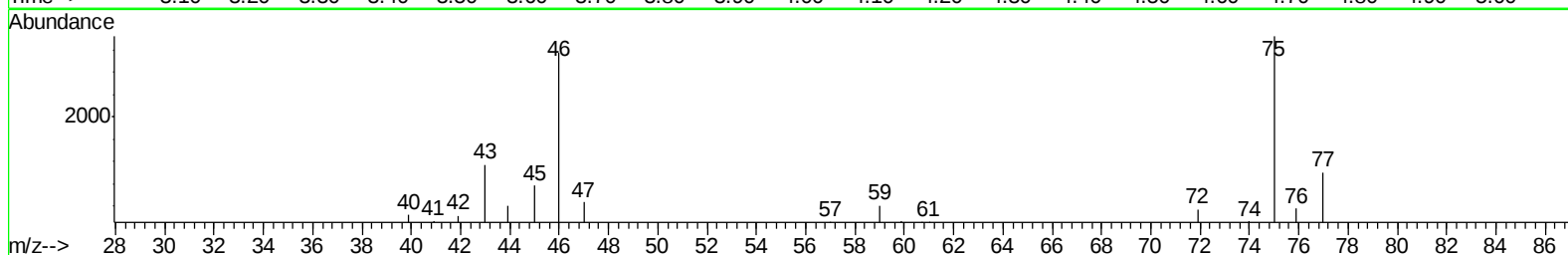
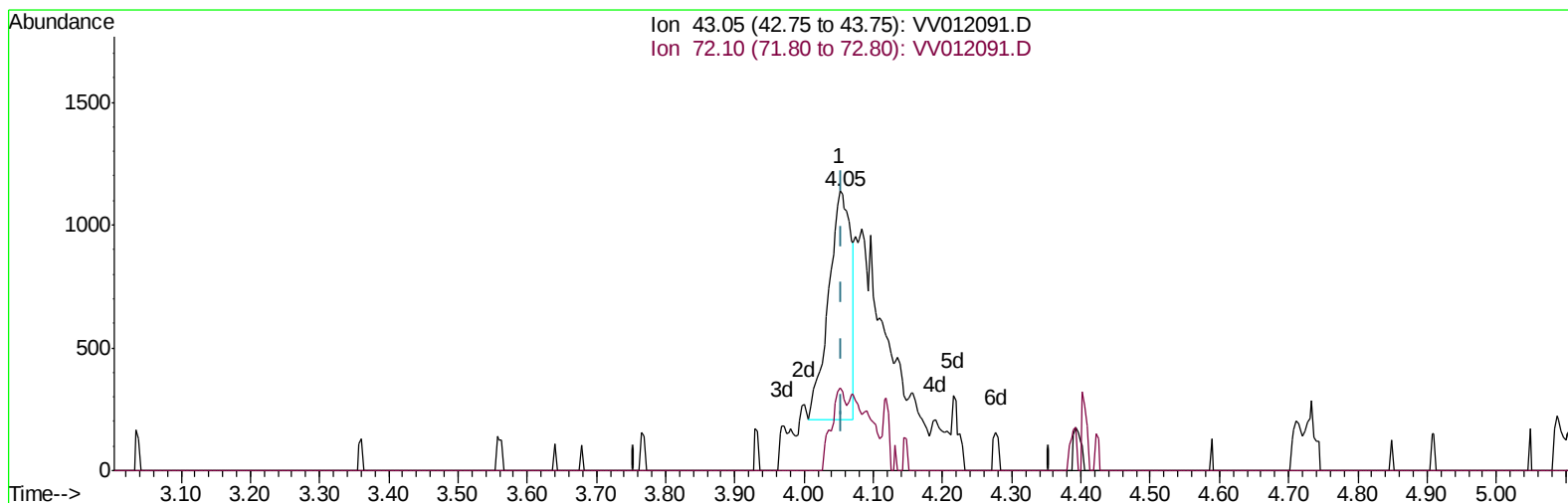
2.251min (+0.016) 2.83ug/L m

response 2013

Ion	Exp%	Act%
43.05	100	100
58.05	25.50	2.04
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV012091.D
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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 31 05:41:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
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TIC: VV012091.D

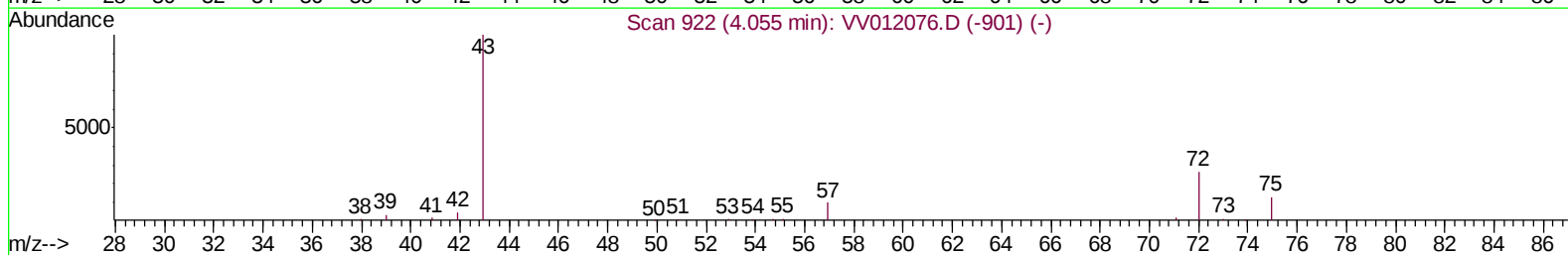
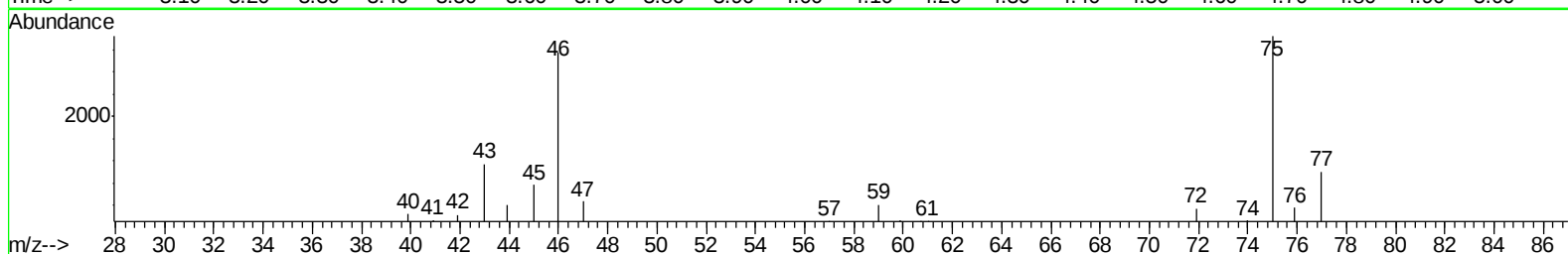
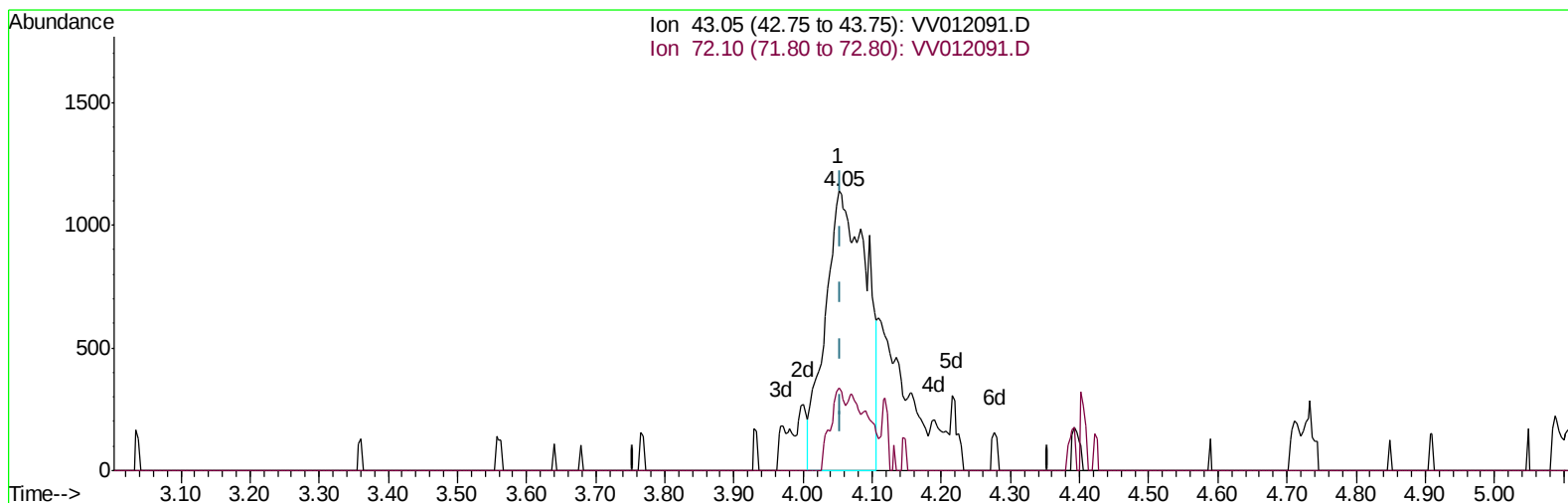
(21) 2-Butanone (T)
4.052min (-0.003) 1.49ug/L

response 2106

Ion	Exp%	Act%
43.05	100	100
72.10	28.00	23.65
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 31 05:41:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
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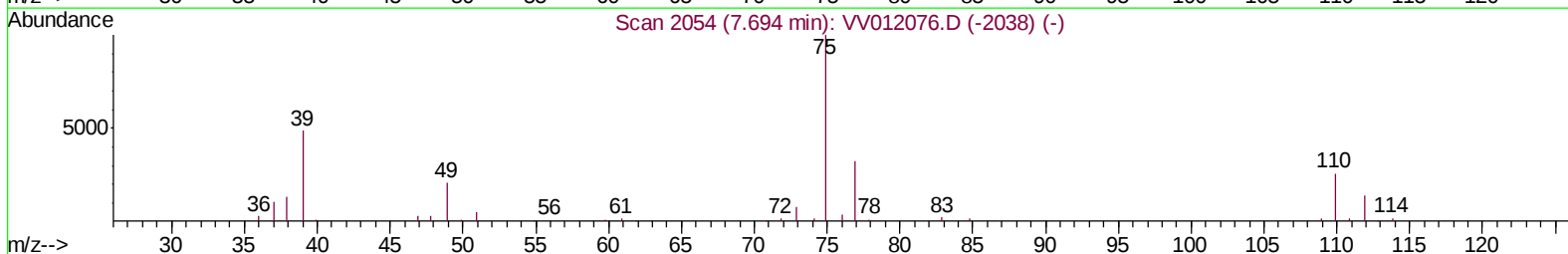
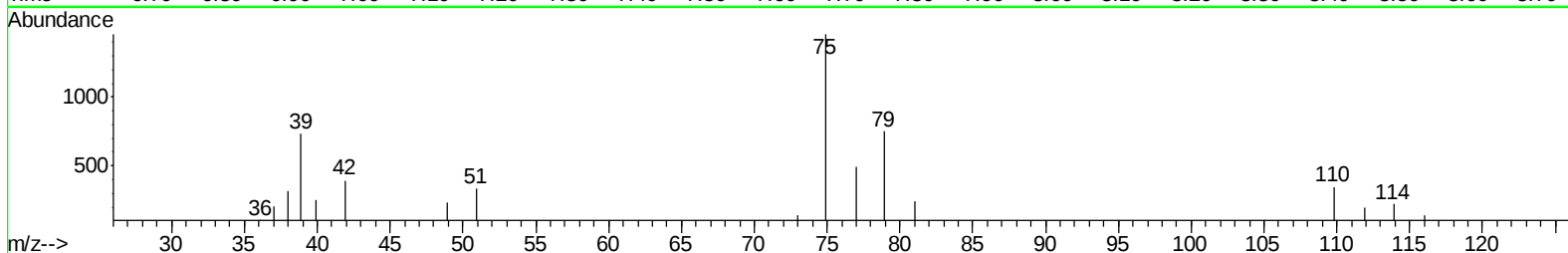
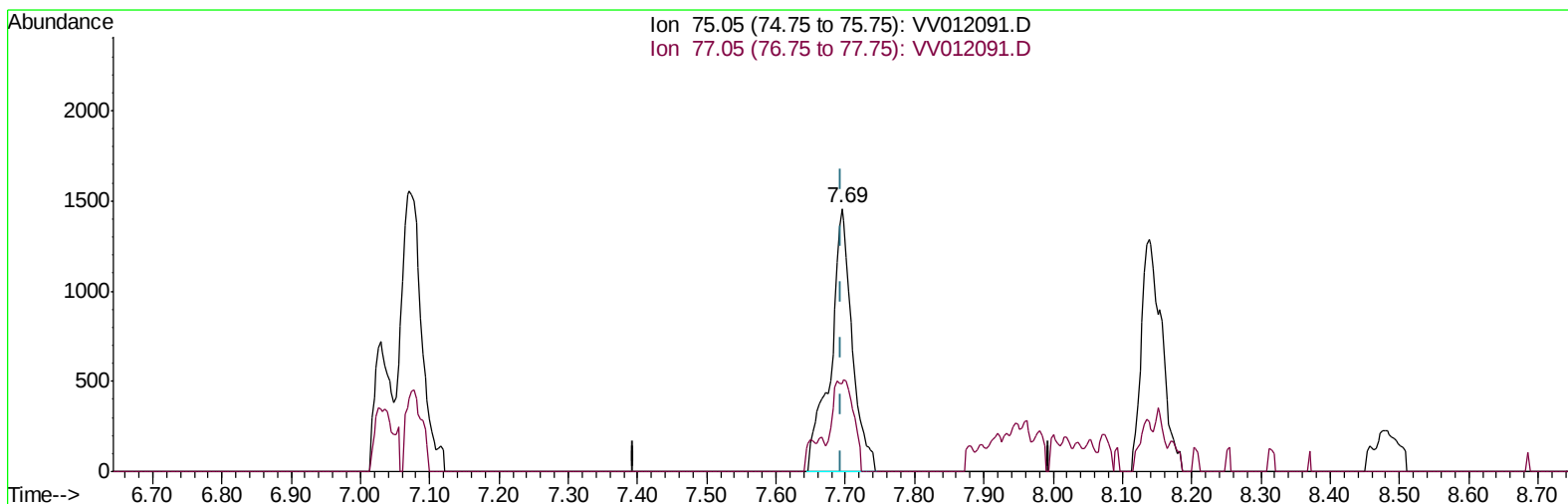
TIC: VV012091.D

(21) 2-Butanone (T)
4.052min (-0.003) 3.32ug/L m
response 4687

Ion	Exp%	Act%
43.05	100	100
72.10	28.00	10.63#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : TRACE VOA SOM01.0
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TIC: VV012091.D

(44) trans-1,3-Dichloropropene (T)

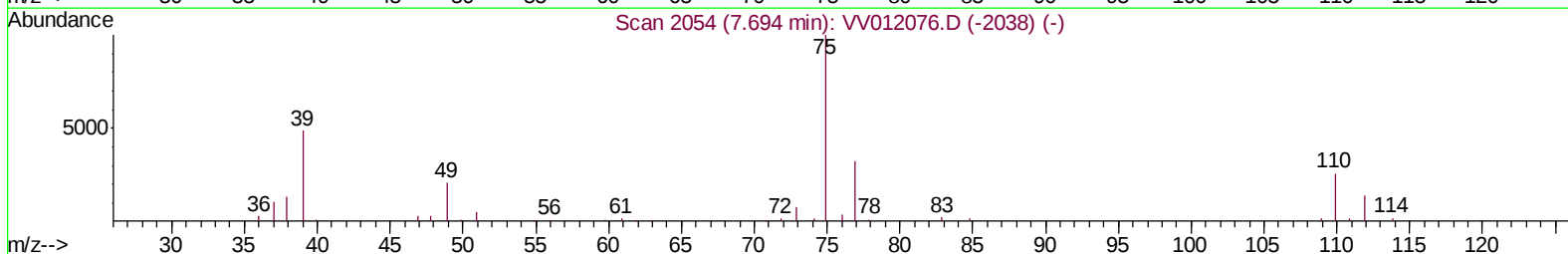
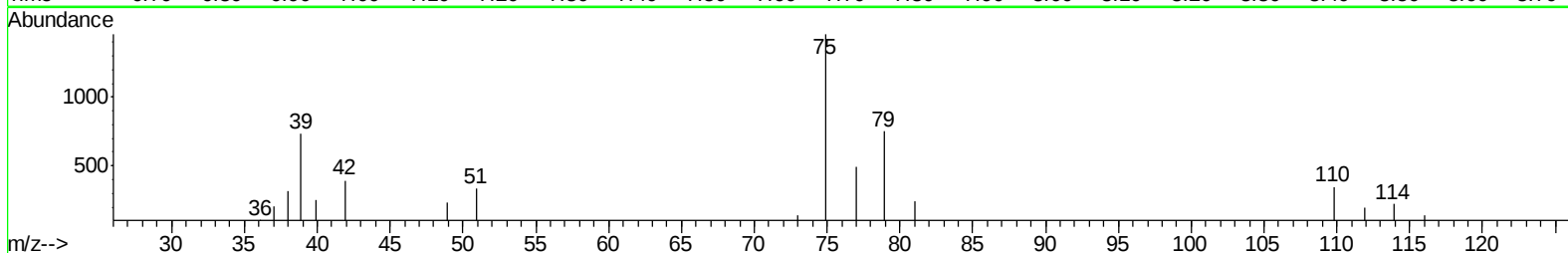
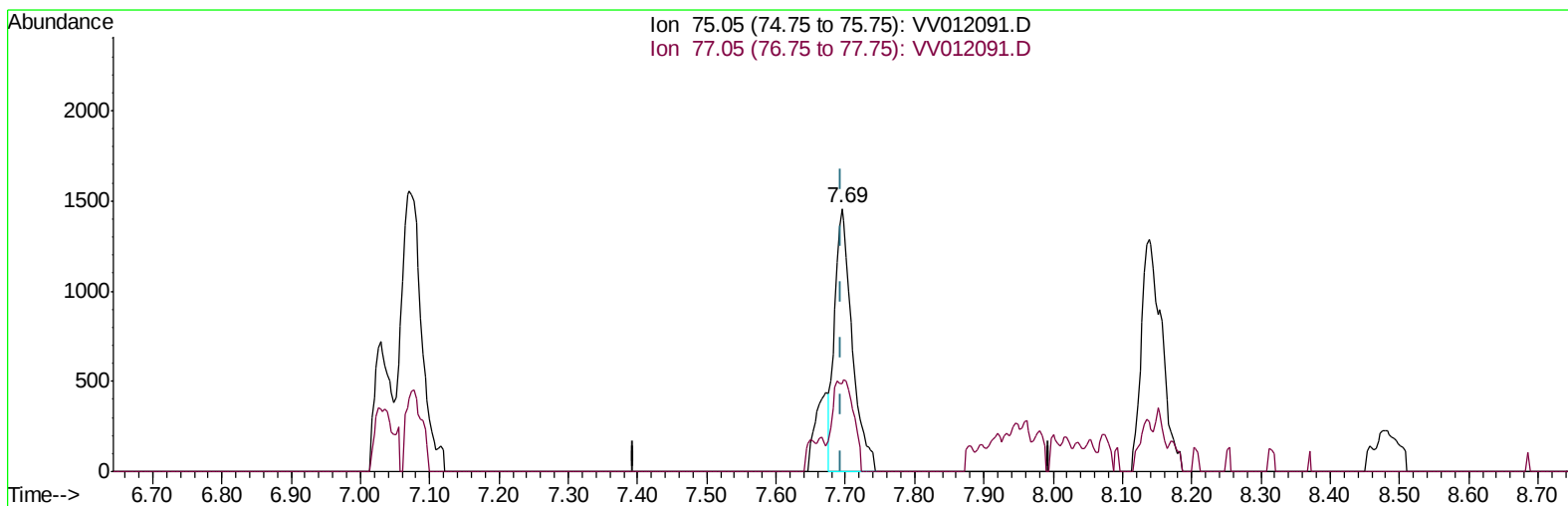
7.695min (+0.000) 0.39ug/L

response 3145

Ion	Exp%	Act%
75.05	100	100
77.05	32.60	33.54
0.00	0.00	0.00
0.00	0.00	0.00

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TIC: VV012091.D

(44) trans-1,3-Dichloropropene (T)

7.695min (+0.000) 0.32ug/L m

response 2556

Ion	Exp%	Act%
75.05	100	100
77.05	32.60	33.54
0.00	0.00	0.00
0.00	0.00	0.00

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Acq On : 31 Jul 2019 00:49
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Misc : 25ML/MSVOA_V/WATER
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Quant Time: Jul 31 06:47:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	107214	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104450	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24481	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.59	69	19444	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	40492	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.97	46	69012	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.40	84	69403	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.08	65	40308	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	133833	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	36513	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	123530	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	14974	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.14	63	56328	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27321	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	51906	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3906	0.329 ug/L	95
3) Chloromethane	1.25	50	1854	0.326 ug/L	96
5) Vinyl chloride	1.32	62	2037	0.328 ug/L #	63
6) Bromomethane	1.54	94	1326	0.345 ug/L	93
8) Chloroethane	1.60	64	1312	0.380 ug/L	98
9) Trichlorofluoromethane	1.77	101	4199	0.349 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1966	0.383 ug/L	95
12) 1,1-Dichloroethene	2.14	96	1794	0.381 ug/L #	1
13) Acetone	2.25	43	2013m	2.831 ug/L	
14) Carbon disulfide	2.32	76	4532	0.353 ug/L	98
15) Methyl Acetate	2.47	43	491	0.304 ug/L #	45
16) Methylene chloride	2.54	84	2021	0.413 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	5225	0.334 ug/L #	93
18) trans-1,2-Dichloroethene	2.79	96	2475	0.353 ug/L	93
19) 1,1-Dichloroethane	3.23	63	3955	0.317 ug/L	95
21) 2-Butanone	4.05	43	4687m	3.324 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	2642	0.351 ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	1273	0.377	ug/L	84
25) Chloroform	4.43	83	10295	0.636	ug/L	94
27) 1,2-Dichloroethane	5.18	62	3080	0.346	ug/L #	75
29) 1,1,1-Trichloroethane	4.66	97	4714	0.347	ug/L	93
30) Cyclohexane	4.72	56	3336	0.322	ug/L #	92
31) Carbon tetrachloride	4.88	117	3951	0.324	ug/L	98
33) Benzene	5.15	78	9426	0.340	ug/L	100
34) Trichloroethene	5.96	95	2594	0.325	ug/L	91
35) Methylcyclohexane	6.17	83	3625	0.300	ug/L #	80
37) 1,2-Dichloropropane	6.22	63	2196	0.343	ug/L #	82
38) Bromodichloromethane	6.56	83	3211	0.341	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	3174	0.319	ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	10236	2.937	ug/L #	86
42) Toluene	7.43	91	10184	0.336	ug/L	93
44) trans-1,3-Dichloropropene	7.69	75	2556m	0.318	ug/L	
45) 1,1,2-Trichloroethane	7.89	97	1693	0.355	ug/L	88
47) Tetrachloroethene	8.02	164	2593	0.357	ug/L	84
48) 2-Hexanone	8.19	43	8044	3.318	ug/L #	88
49) Dibromochloromethane	8.29	129	2014	0.325	ug/L	92
50) 1,2-Dibromoethane	8.40	107	1527	0.334	ug/L #	98
51) Chlorobenzene	8.93	112	6880	0.335	ug/L	92
52) Ethylbenzene	9.05	91	10851	0.311	ug/L	95
53) m,p-xylene	9.18	106	4504	0.337	ug/L	77
54) o-xylene	9.59	106	3879	0.302	ug/L	100
55) Styrene	9.60	104	6399	0.294	ug/L	95
56) Isopropylbenzene	9.97	105	11270	0.317	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	1966	0.373	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	1243	0.312	ug/L	94
61) Bromoform	9.77	173	1152	0.366	ug/L #	86
62) 1,3-Dichlorobenzene	11.22	146	5619	0.344	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	5908	0.354	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	5401	0.366	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	293	0.370	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.69	180	5105	0.382	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	3054	0.283	ug/L	85
69) Naphthalene	13.55	128	4539	0.312	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.80	180	3039	0.316	ug/L	98

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

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