

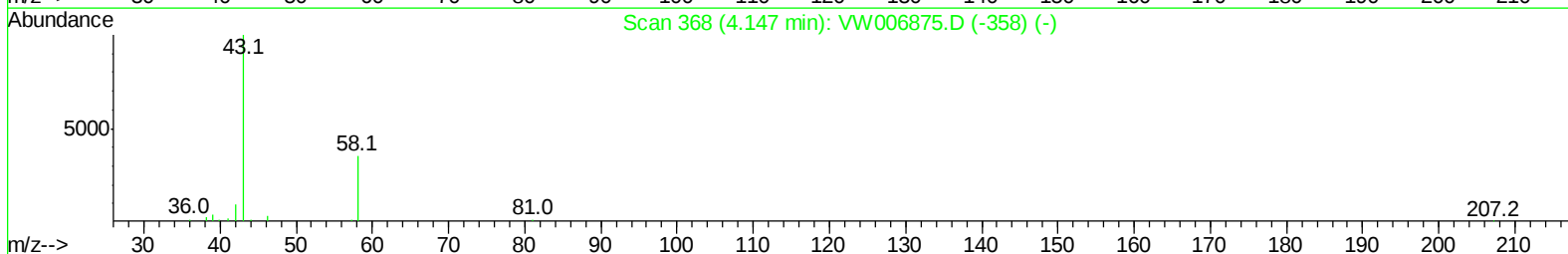
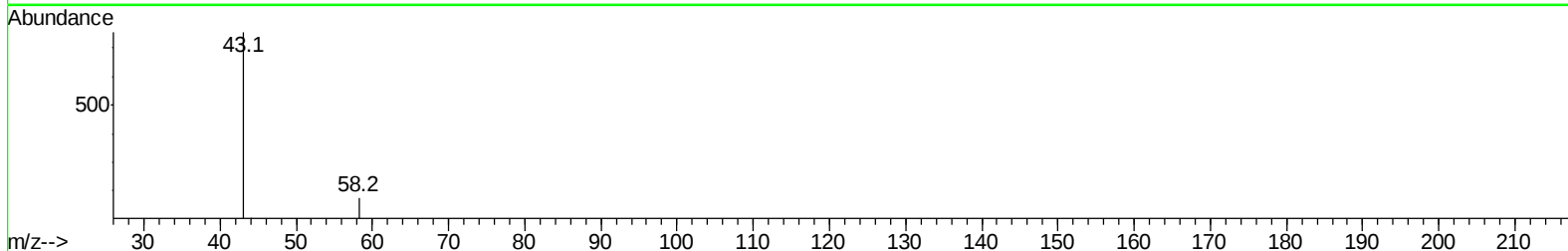
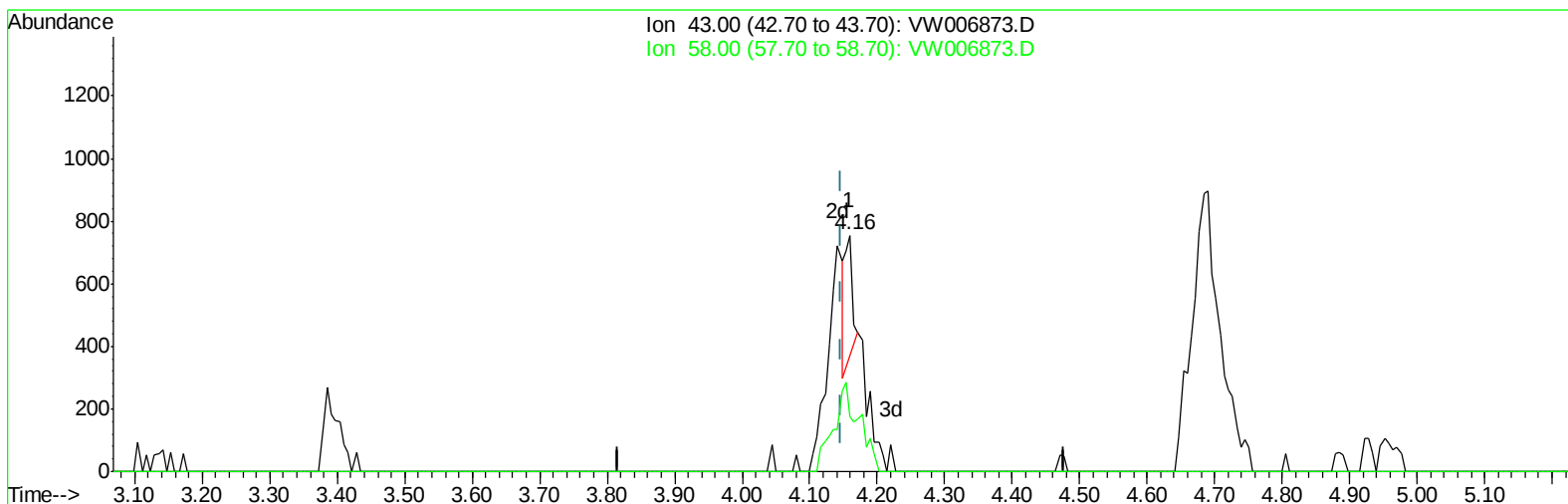
Data File : VW006873.D
Acq On : 14 Nov 2018 13:21
Operator : SY/AP
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.581

Manual Integrations
APPROVED

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11/15/2018 1:03:30 PM

Quant Time: Nov 14 14:41:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 14 14:39:07 2018
Response via : Initial Calibration



TIC: VW006873.D

(13) Acetone (T)

4.159min (+0.012) 0.49ug/L

response 325

Ion	Exp%	Act%
43.00	100	100
58.00	32.80	45.23
0.00	0.00	0.00
0.00	0.00	0.00

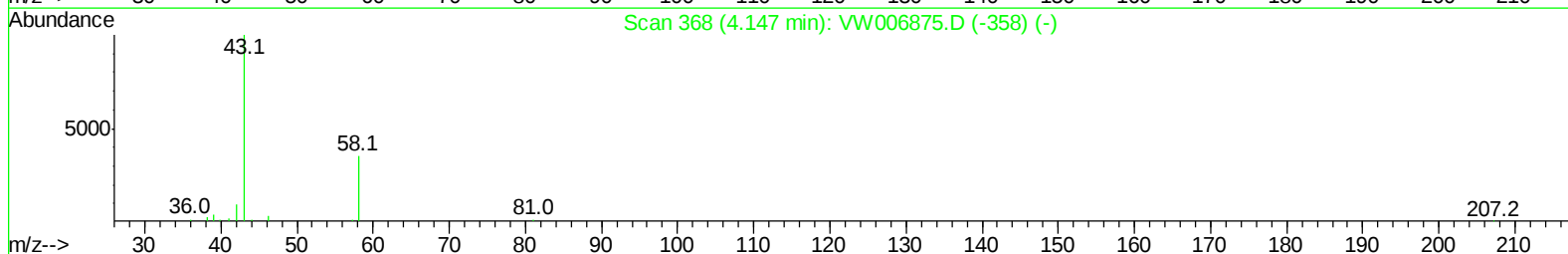
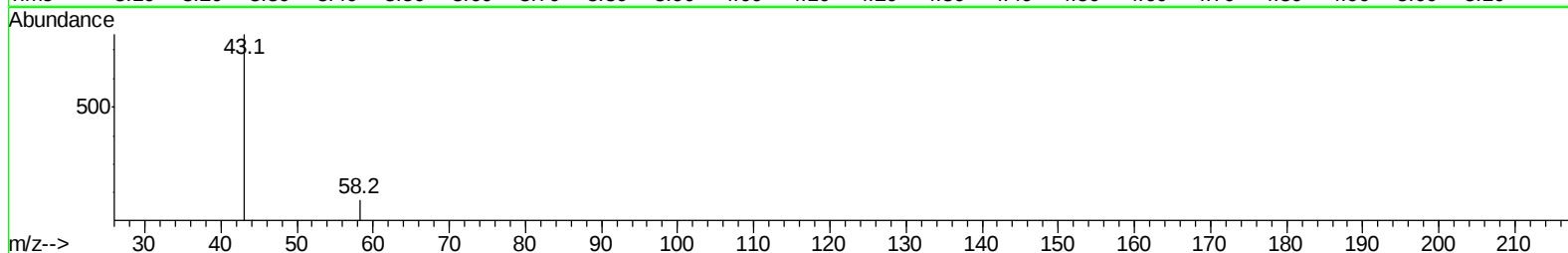
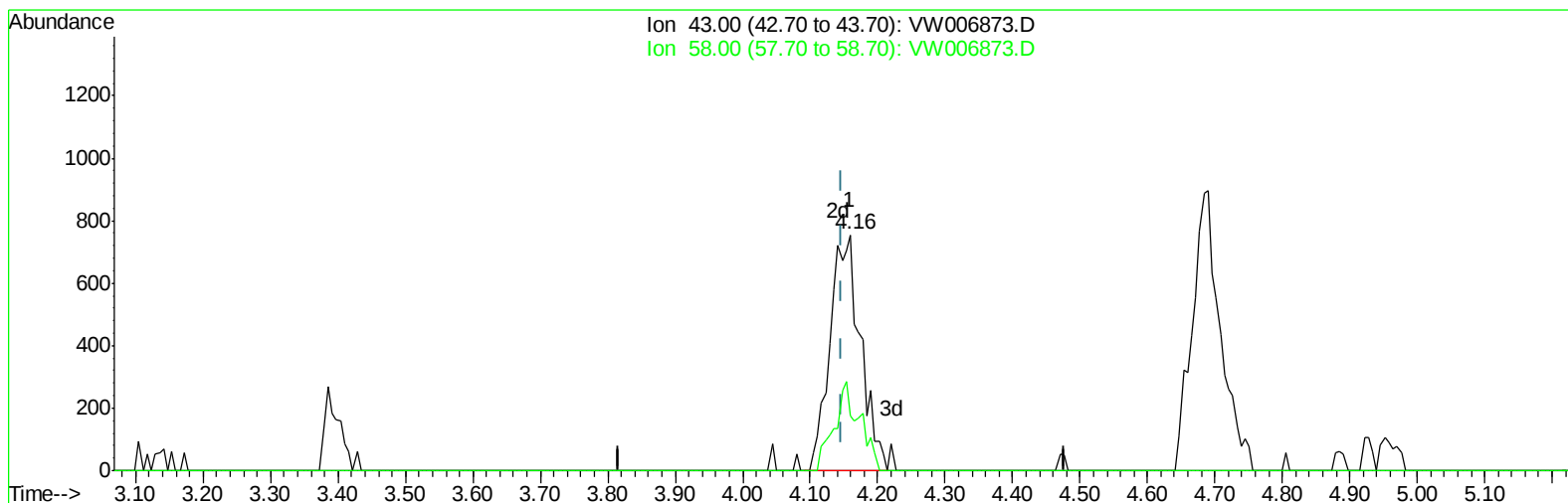
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Quant Title : VOC Analysis
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TIC: VW006873.D

(13) Acetone (T)

4.159min (+0.012) 3.59ug/L m

response 2371

Ion	Exp%	Act%
43.00	100	100
58.00	32.80	6.20
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW006873.D

Acq On : 14 Nov 2018 13:21

Operator : SY/AP

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Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

Manual Integrations
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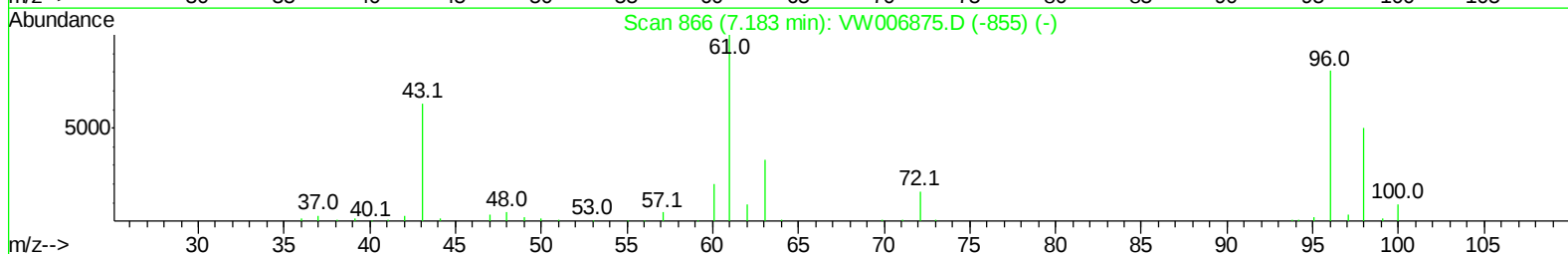
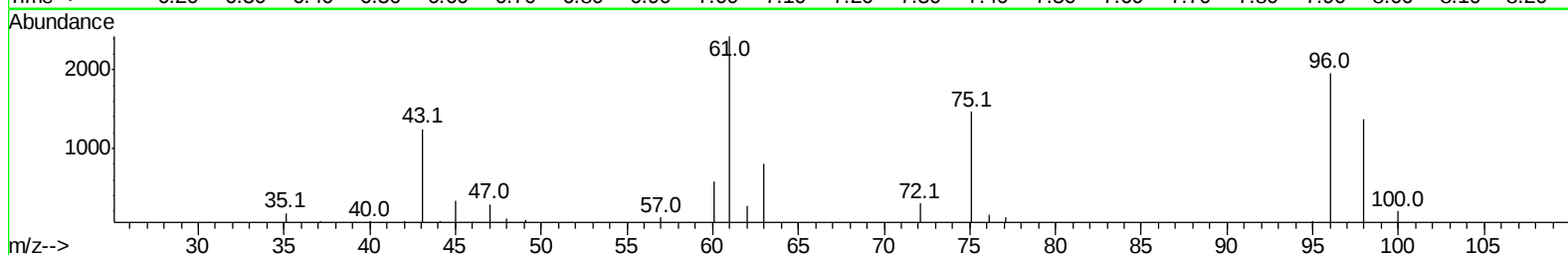
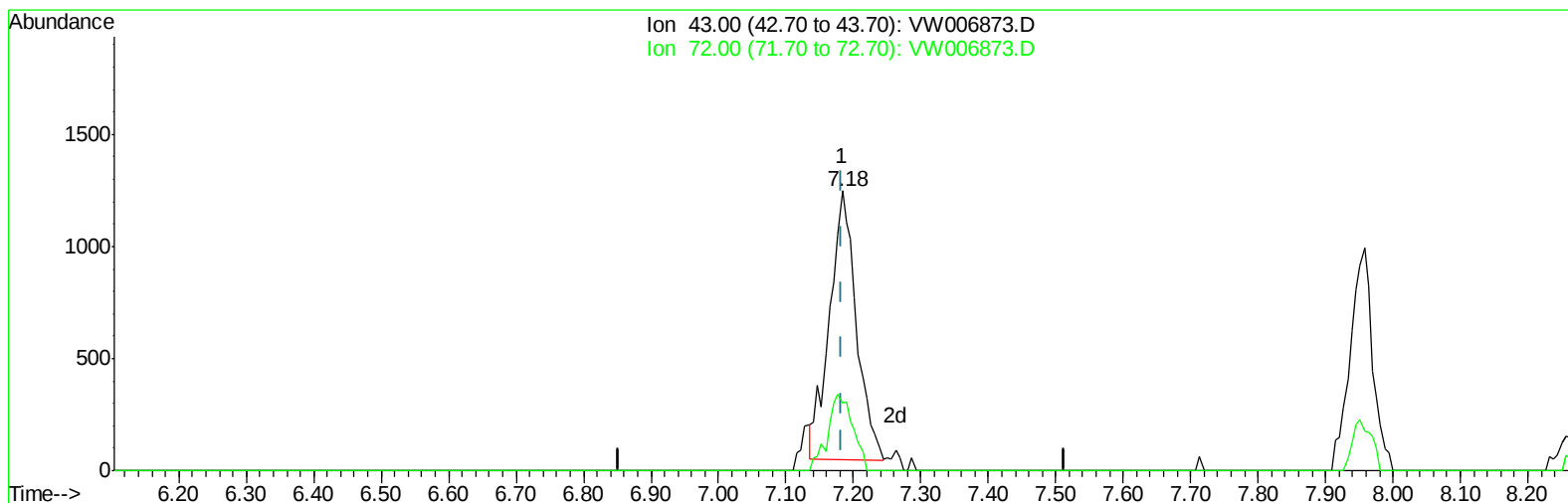
Quant Time: Nov 14 14:41:37 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M

Quant Title : VOC Analysis

QLast Update : Wed Nov 14 14:39:07 2018

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TIC: VW006873.D

(21) 2-Butanone

7.183min (-0.000) 3.80ug/L

response 3331

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	26.39
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW006873.D

Acq On : 14 Nov 2018 13:21

Operator : SY/AP

Sample : VSTD2.581

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

Manual Integrations
APPROVED

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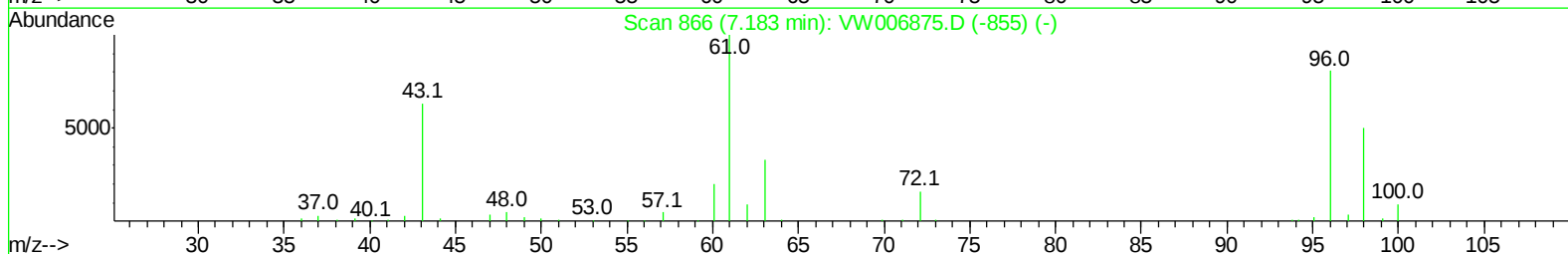
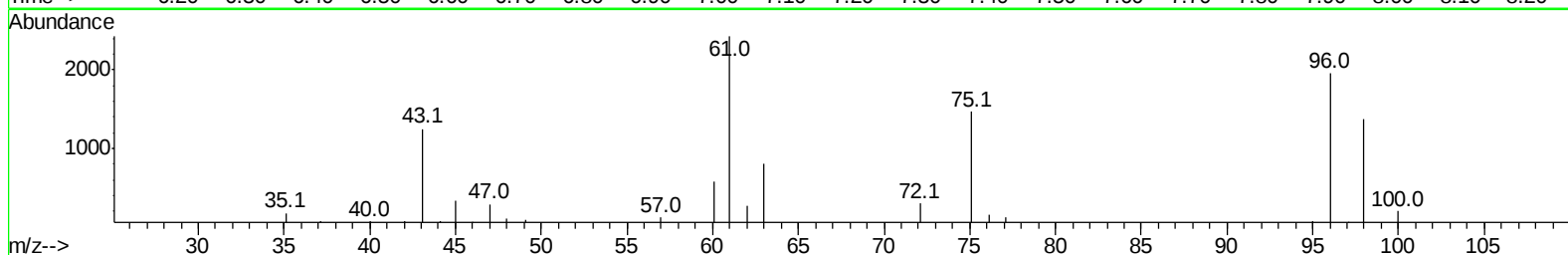
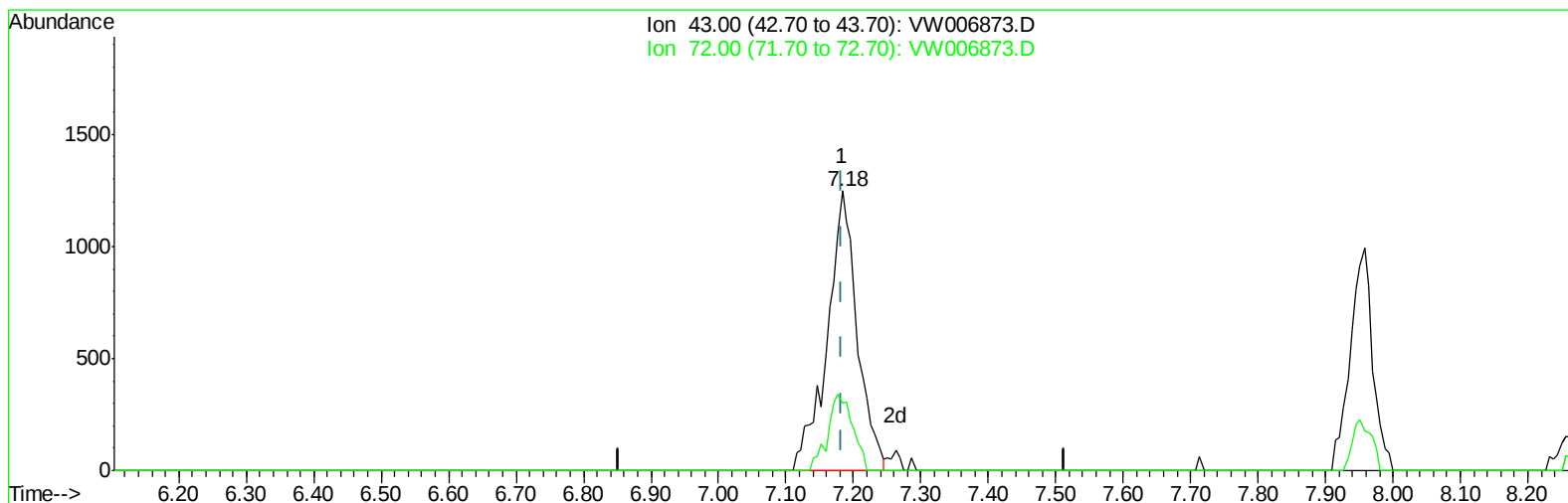
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Quant Title : VOC Analysis

QLast Update : Wed Nov 14 14:39:07 2018

Response via : Initial Calibration



TIC: VW006873.D

(21) 2-Butanone

7.183min (-0.000) 4.40ug/L m

response 3857

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	22.79
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VW006873.D

Acq On : 14 Nov 2018 13:21

Operator : SY/AP

Sample : VSTD2.581

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

Manual Integrations
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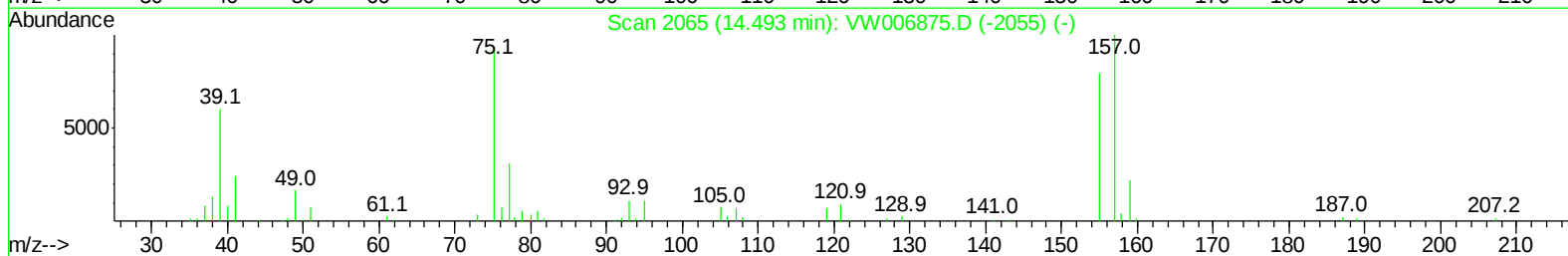
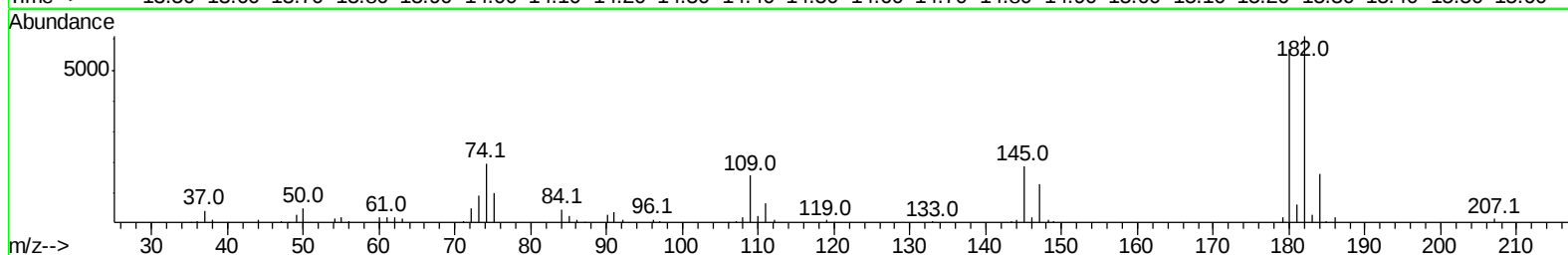
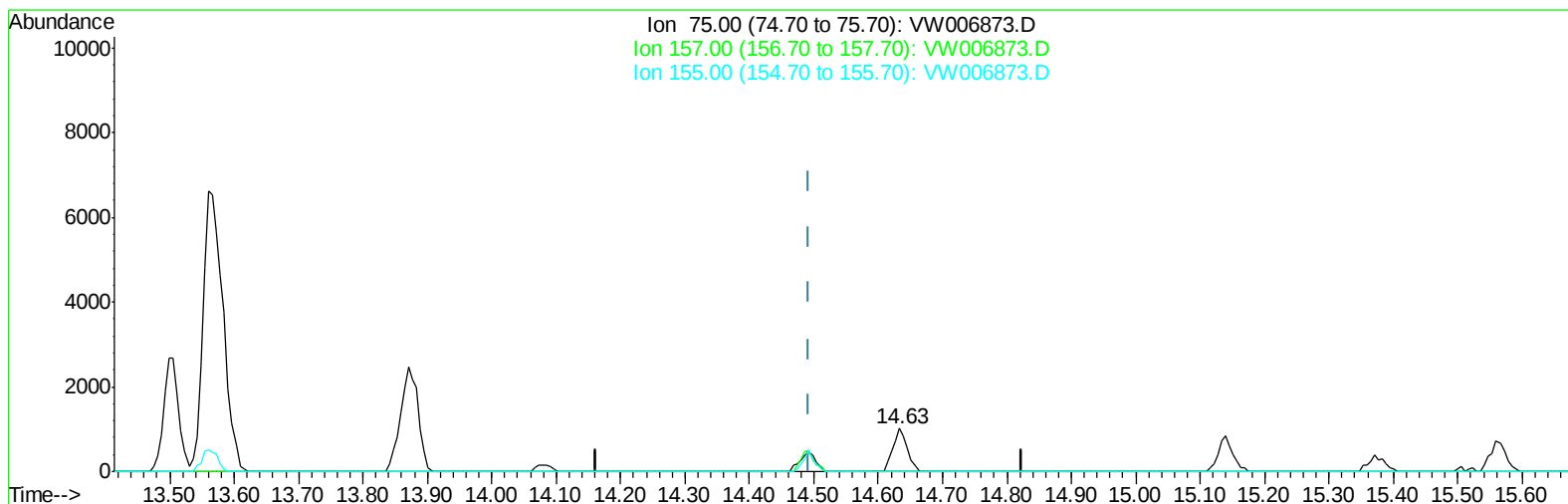
Quant Time: Nov 14 14:41:37 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M

Quant Title : VOC Analysis

QLast Update : Wed Nov 14 14:39:07 2018

Response via : Initial Calibration



TIC: VW006873.D

(66) 1,2-Dibromo-3-chloropropane (T)

14.633min (+0.140) 4.11ug/L

response 1557

Ion	Exp%	Act%
75.00	100	100
157.00	106.30	0.00#
155.00	84.60	0.00#
0.00	0.00	0.00

Data File : VW006873.D

Acq On : 14 Nov 2018 13:21

Operator : SY/AP

Sample : VSTD2.581

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

Manual Integrations
APPROVED

MMDadoda
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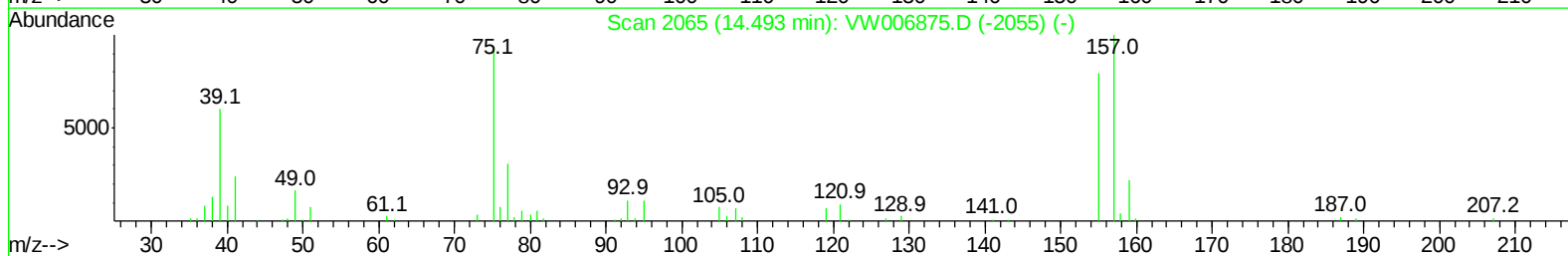
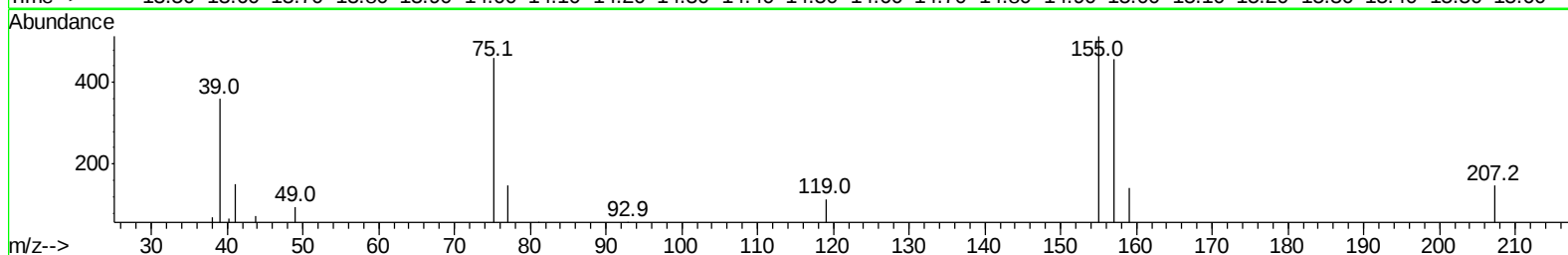
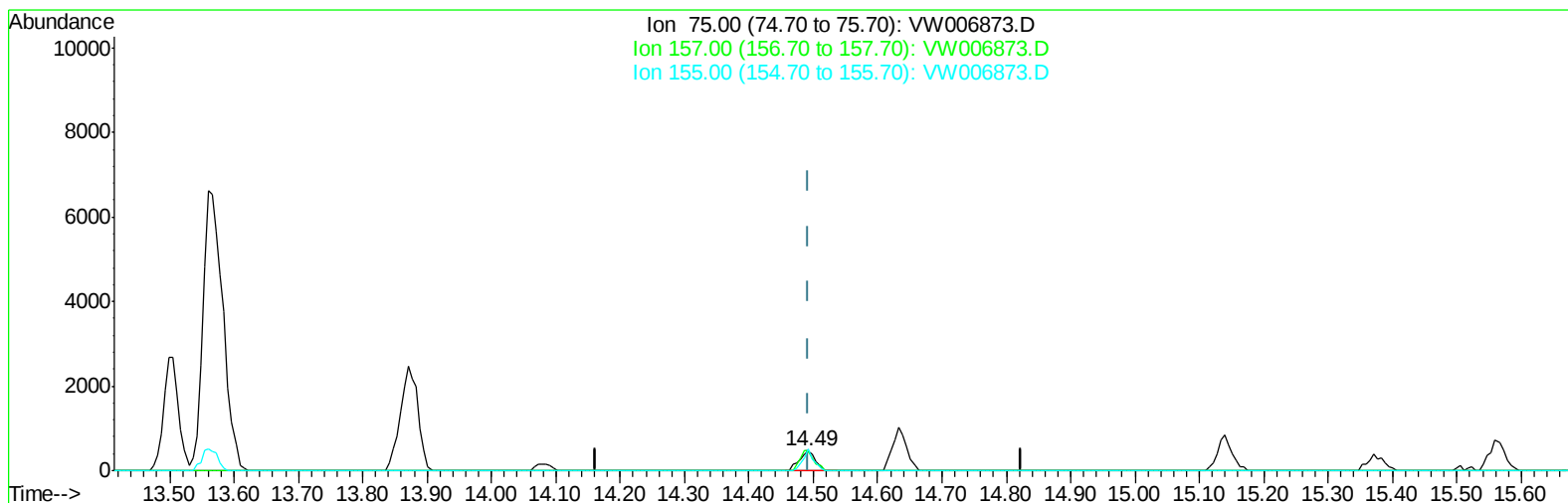
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Quant Title : VOC Analysis

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TIC: VW006873.D

(66) 1,2-Dibromo-3-chloropropane (T)

14.493min (-0.000) 2.07ug/L m

response 783

Ion	Exp%	Act%
75.00	100	100
157.00	106.30	99.56
155.00	84.60	111.76#
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Nov 14 14:46:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 14 14:39:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	174666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	168303	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	83248	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	3166	1.61	ug/L	0.00
7) Chloroethane-d5	2.89	69	2796	1.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	9456	2.50	ug/L	0.00
20) 2-Butanone-d5	7.09	46	3239	4.96	ug/L	0.00
24) Chloroform-d	7.65	84	10005	2.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	5521	2.64	ug/L	0.00
29) Benzene-d6	8.28	84	20652	2.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	6497	2.82	ug/L	0.00
37) Toluene-d8	10.33	98	21964	2.87	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	2775	2.48	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	2193	3.94	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	4780	2.13	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	7575	2.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	6479	3.925 ug/L	94
3) Chloromethane	2.21	50	4975	3.069 ug/L	95
5) Vinyl chloride	2.36	62	4901	1.876 ug/L	99
6) Bromomethane	2.78	94	2410	1.184 ug/L	95
8) Chloroethane	2.92	64	2623	1.638 ug/L	98
9) Trichlorofluoromethane	3.26	101	8573	4.101 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	6000	2.871 ug/L	97
12) 1,1-Dichloroethene	4.04	96	5348	2.667 ug/L	88
13) Acetone	4.16	43	2371m	3.594 ug/L	
14) Carbon disulfide	4.38	76	16792	2.561 ug/L	98
15) Methyl Acetate	4.69	43	2532	2.370 ug/L #	85
16) Methylene chloride	4.92	84	15368	6.815 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	13112	4.017 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	5974	2.691 ug/L	94
19) 1,1-Dichloroethane	6.22	63	10265	2.857 ug/L	94
21) 2-Butanone	7.18	43	3857m	4.400 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	6131	2.532 ug/L	87
23) Bromochloromethane	7.52	128	2382	2.091 ug/L	89
25) Chloroform	7.68	83	10341	2.674 ug/L	100
27) 1,2-Dichloroethane	8.40	62	6493	2.463 ug/L	95
30) Cyclohexane	7.96	56	10979	2.968 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	8967	2.546 ug/L	97
32) Carbon tetrachloride	8.07	117	7990	2.313 ug/L	99
34) Benzene	8.33	78	23470	2.716 ug/L	100
35) Trichloroethene	9.09	95	6555	2.697 ug/L	96
36) Methylcyclohexane	9.34	83	11911	2.674 ug/L	99
40) 1,2-Dichloropropane	9.37	63	5759	2.687 ug/L	100
41) Bromodichloromethane	9.65	83	6998	2.418 ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	8460	2.417 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	6522	3.798 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	27558	2.841	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	6887	2.252	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	4099	2.297	ug/L	91
47) Tetrachloroethene	10.87	164	5004	2.224	ug/L	90
49) 2-Hexanone	10.98	43	4856	3.837	ug/L	99
50) Dibromochloromethane	11.13	129	4460	1.950	ug/L	99
51) 1,2-Dibromoethane	11.24	107	3796	2.043	ug/L #	81
52) Chlorobenzene	11.66	112	17170	2.615	ug/L	93
53) Ethylbenzene	11.74	91	32559	2.883	ug/L	98
54) m,p-Xylene	11.85	106	13217	2.985	ug/L	92
55) o-xylene	12.17	106	11886	2.812	ug/L	99
56) Styrene	12.19	104	19263	2.646	ug/L	95
57) Isopropylbenzene	12.47	105	31186	2.652	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	4701	2.027	ug/L	92
59) 1,2,3-Trichloropropane	12.77	75	3696	2.136	ug/L	97
62) Bromoform	12.35	173	2046	1.467	ug/L #	98
63) 1,3-Dichlorobenzene	13.51	146	13724	2.685	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	14024	2.724	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	11967	2.545	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	783m	2.068	ug/L	
67) 1,3,5-Trichlorobenzene	14.63	180	9177	2.227	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	7151	2.035	ug/L	99
69) Naphthalene	15.38	128	15486	2.177	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	6260	1.983	ug/L	96

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

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