

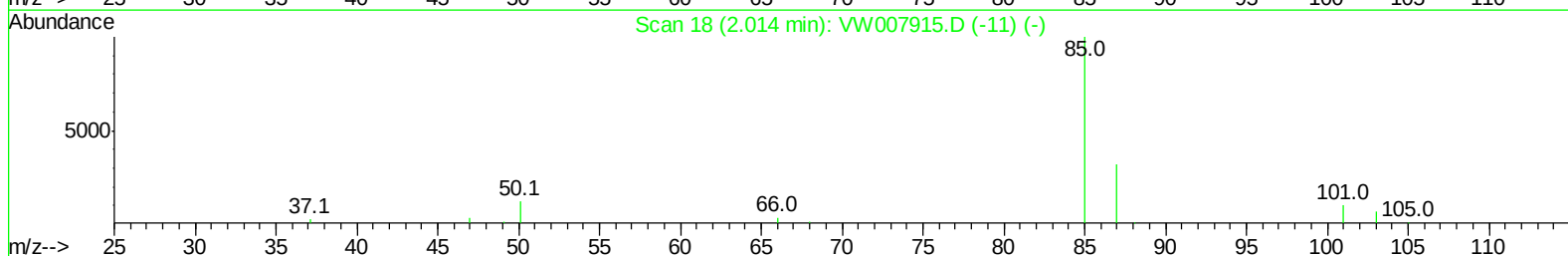
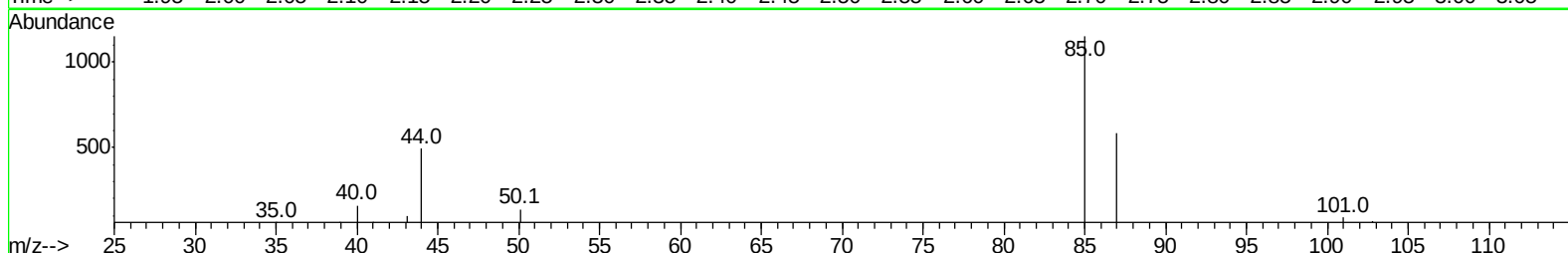
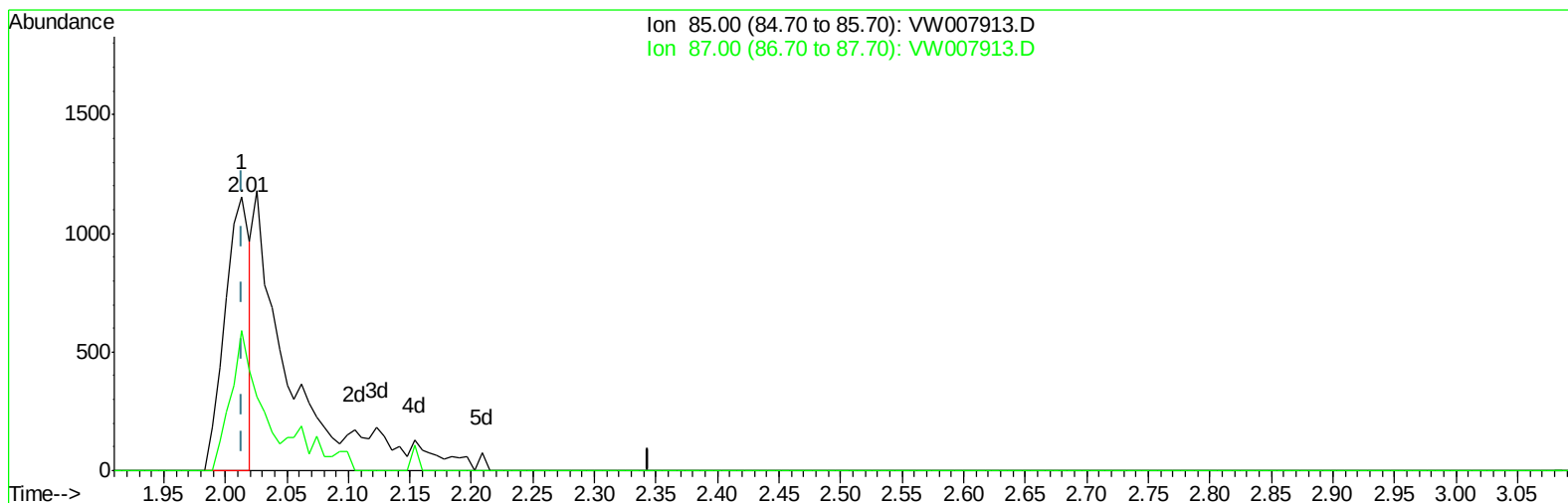
Data File : VW007913.D
Acq On : 26 Dec 2018 08:37
Operator : SY/AP
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.581

Manual Integrations
APPROVED

MMDadoda
12/27/2018 4:48:17 PM

Quant Time: Dec 26 10:35:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 26 10:32:54 2018
Response via : Initial Calibration



TIC: VW007913.D

(2) Dichlorodifluoromethane (T)

2.013min (-0.000) 1.32ug/L

response 1648

Ion	Exp%	Act%
85.00	100	100
87.00	29.50	57.22#
0.00	0.00	0.00
0.00	0.00	0.00

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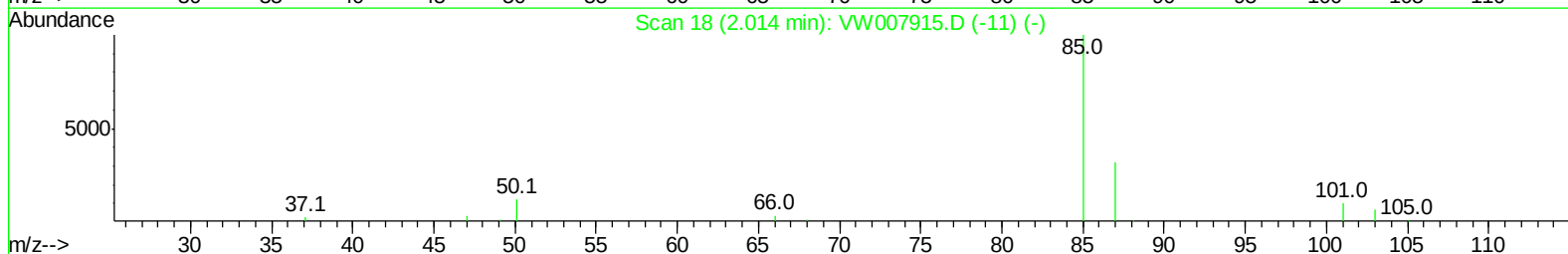
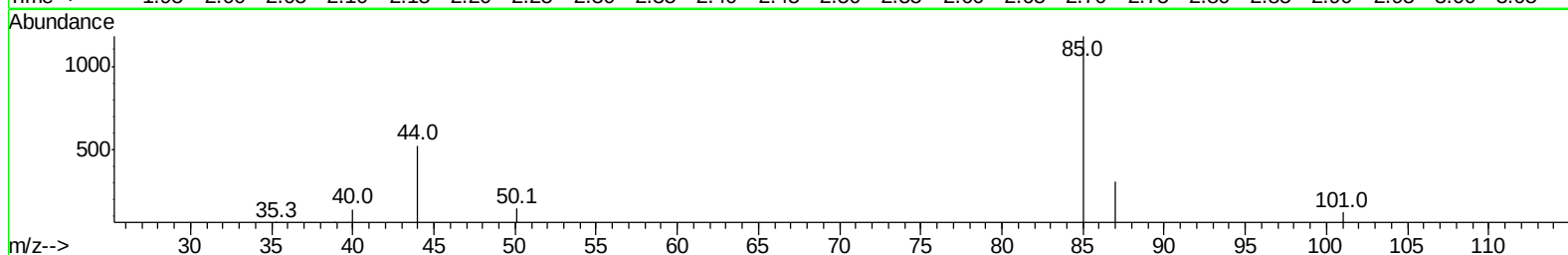
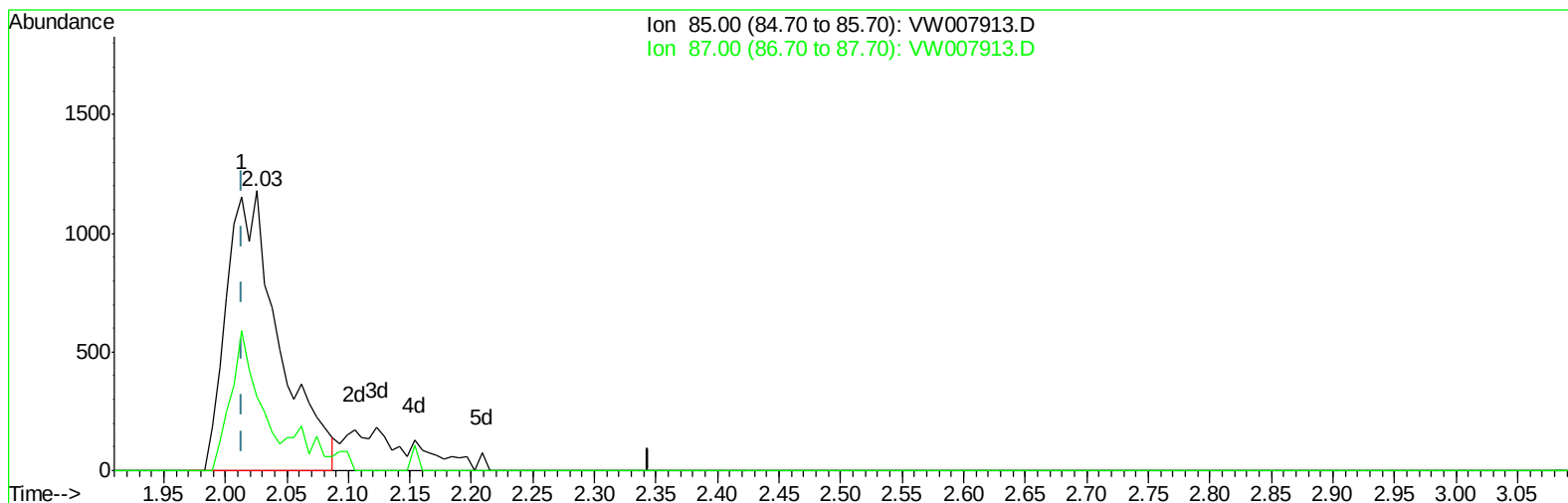
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TIC: VW007913.D

(2) Dichlorodifluoromethane (T)

2.026min (+0.012) 2.80ug/L m

response 3484

Ion	Exp%	Act%
85.00	100	100
87.00	29.50	27.07
0.00	0.00	0.00
0.00	0.00	0.00

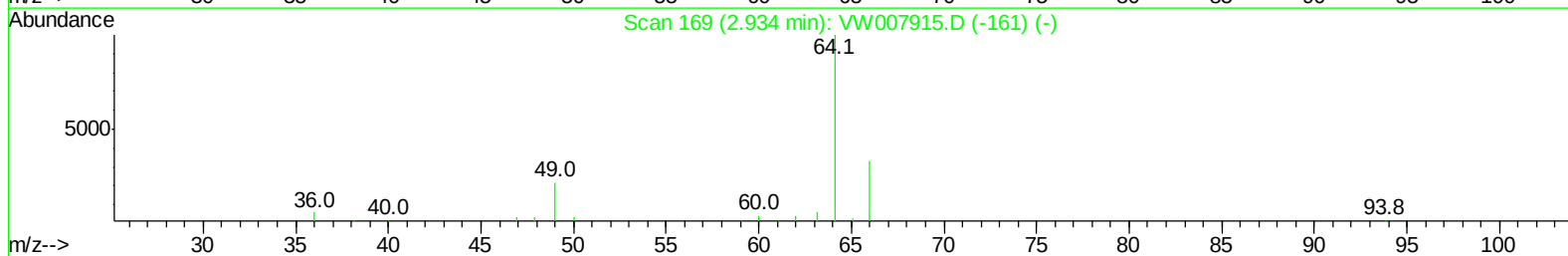
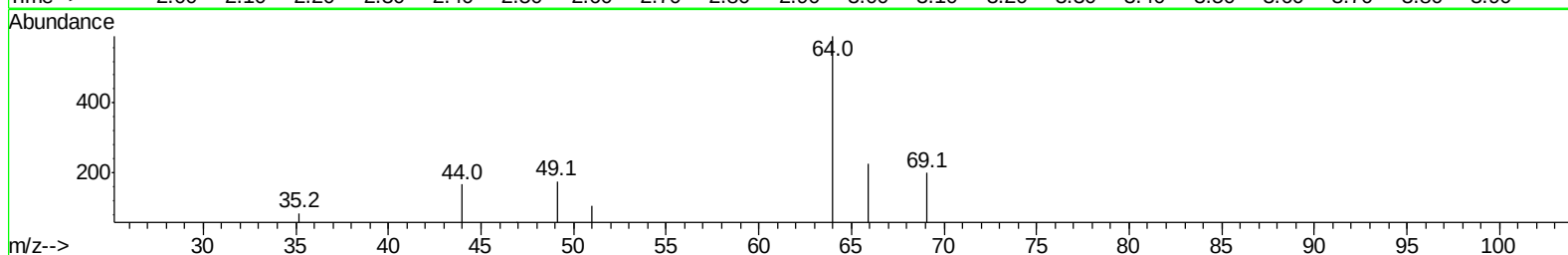
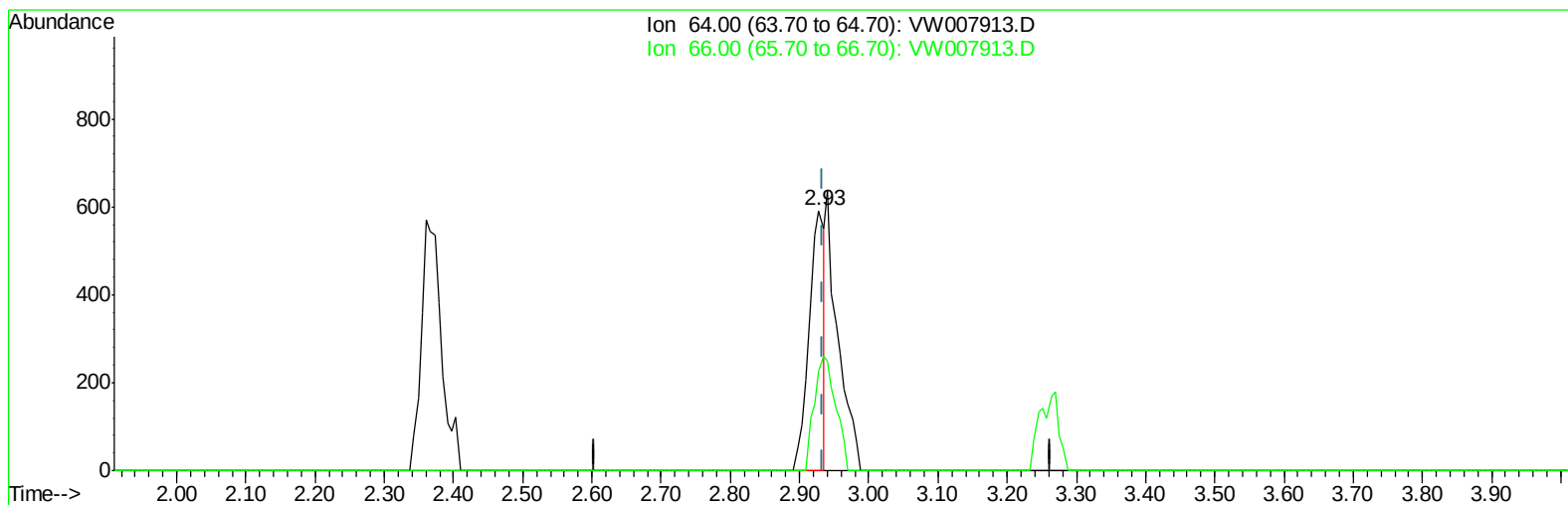
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TIC: VW007913.D

(8) Chloroethane (T)

2.928min (-0.006) 1.57ug/L

response 891

Ion	Exp%	Act%
64.00	100	100
66.00	33.30	38.41
0.00	0.00	0.00
0.00	0.00	0.00

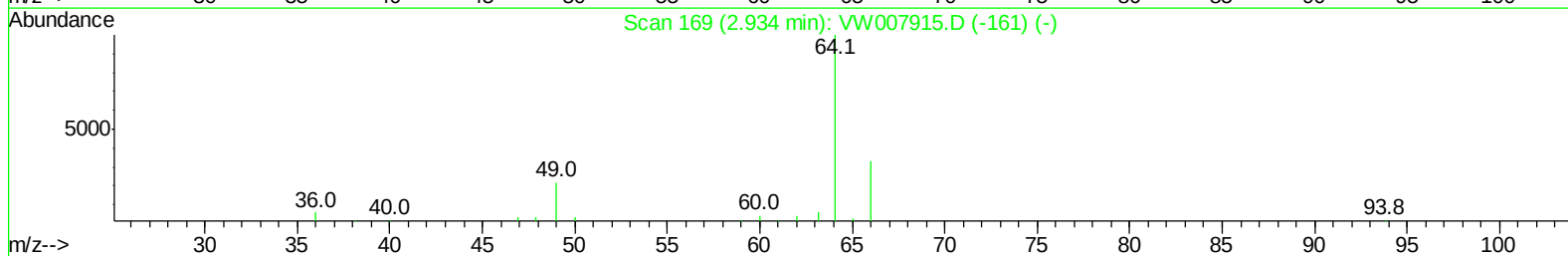
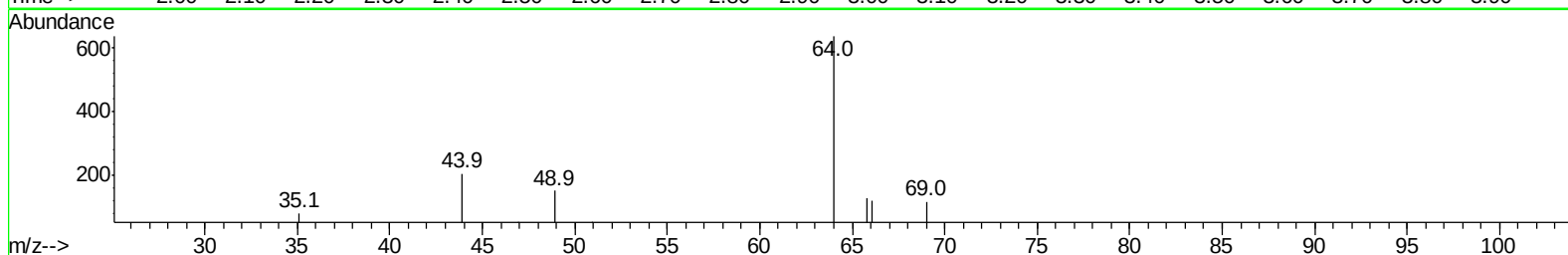
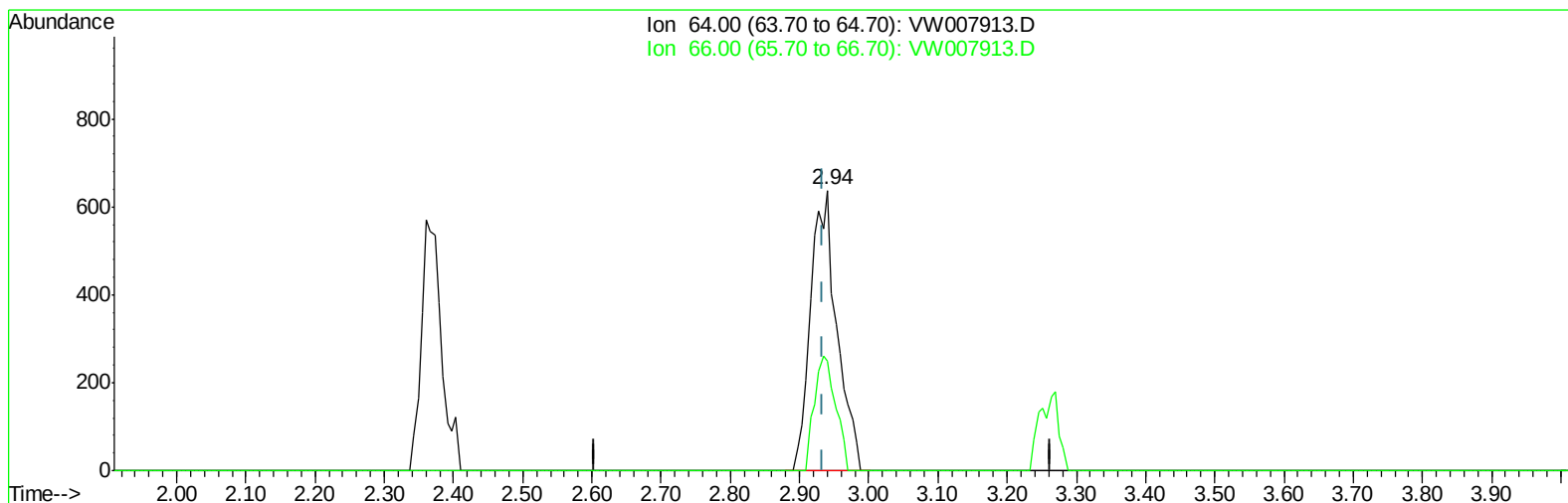
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Manual Integrations
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TIC: VW007913.D

(8) Chloroethane (T)

2.940min (+0.006) 2.96ug/L m

response 1678

Ion	Exp%	Act%
64.00	100	100
66.00	33.30	20.25#
0.00	0.00	0.00
0.00	0.00	0.00

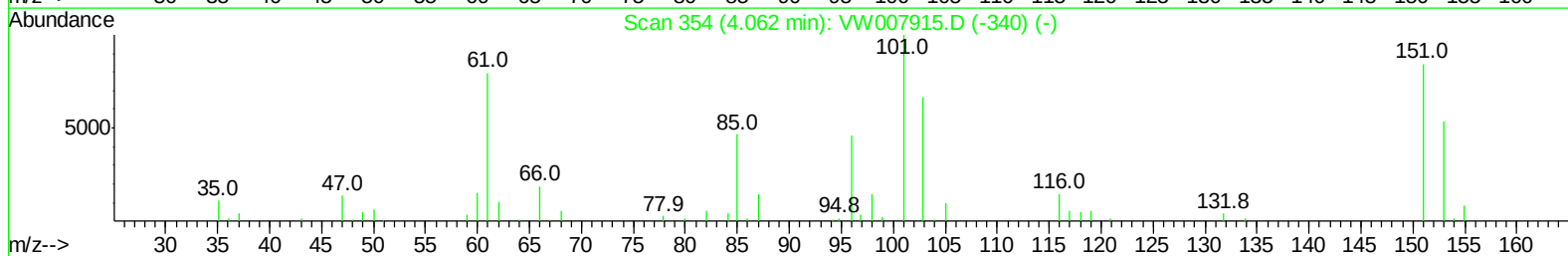
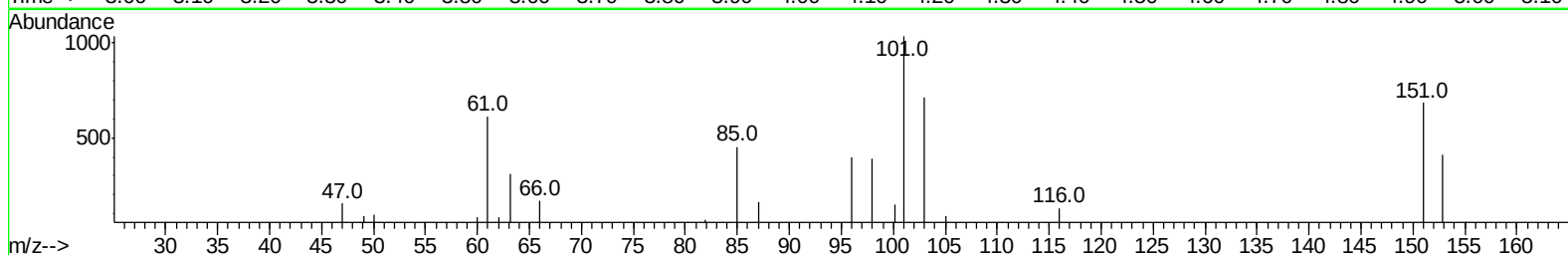
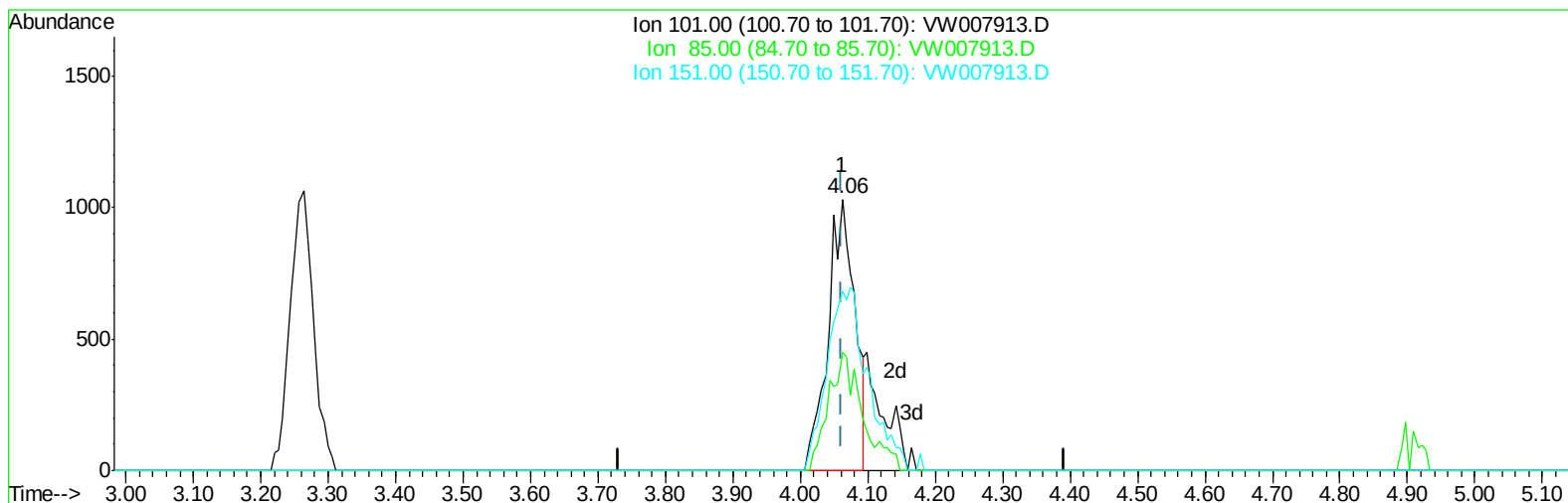
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TIC: VW007913.D

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

4.062min (-0.000) 1.97ug/L

response 2839

Ion	Exp%	Act%
101.00	100	100
85.00	41.80	7.50#
151.00	79.00	80.63
0.00	0.00	0.00

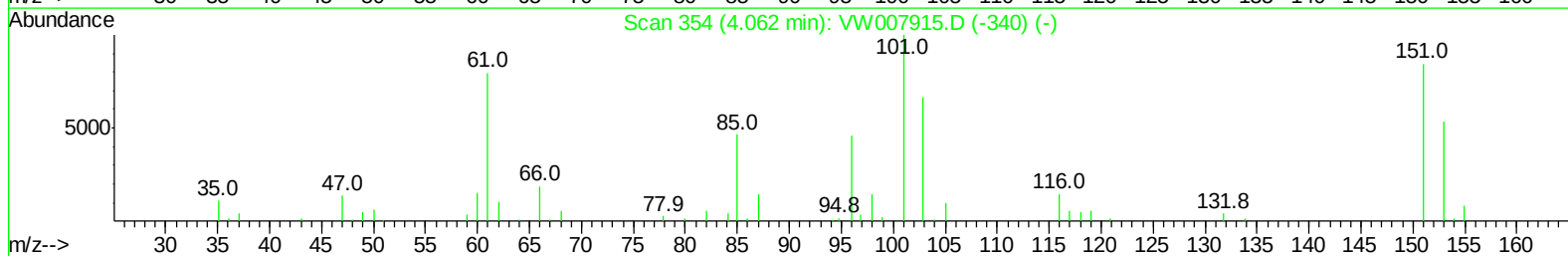
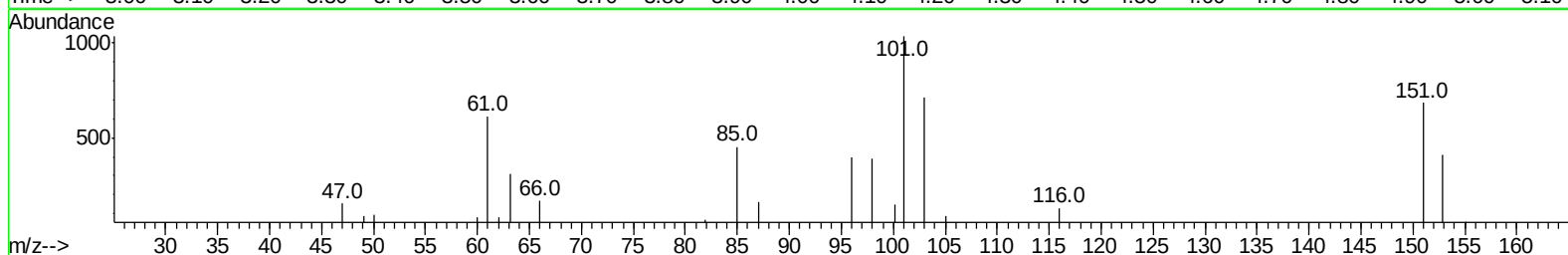
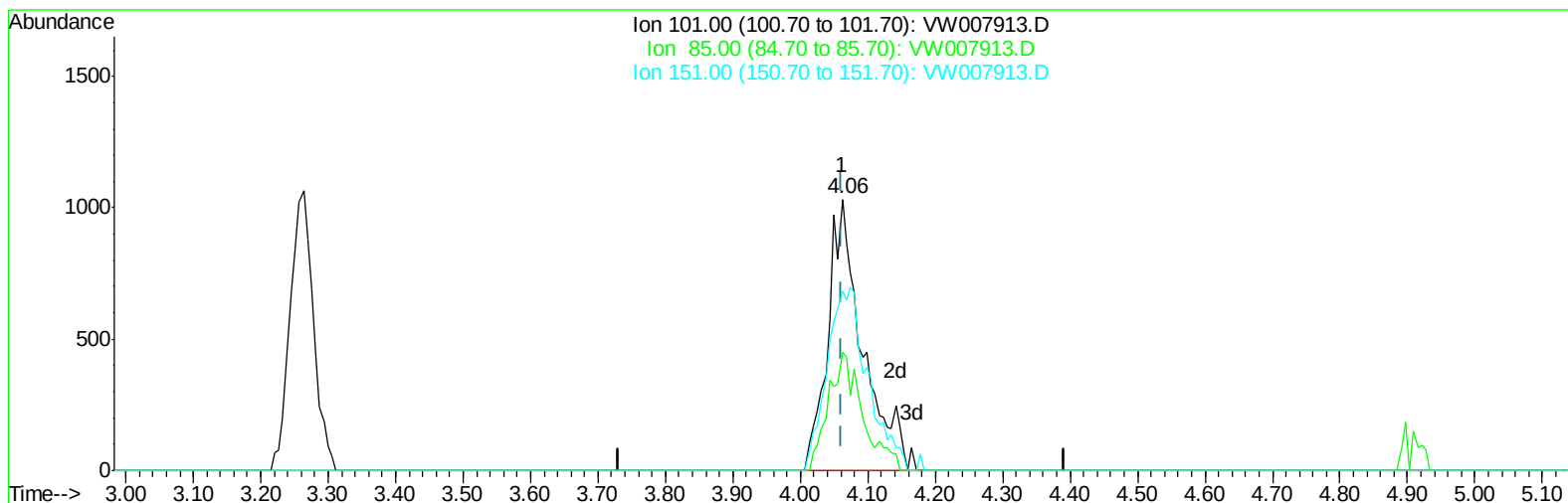
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Operator : SY/AP
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: VW007913.D

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

4.062min (-0.000) 2.58ug/L m

response 3711

Ion	Exp%	Act%
101.00	100	100
85.00	41.80	5.74#
151.00	79.00	61.68#
0.00	0.00	0.00

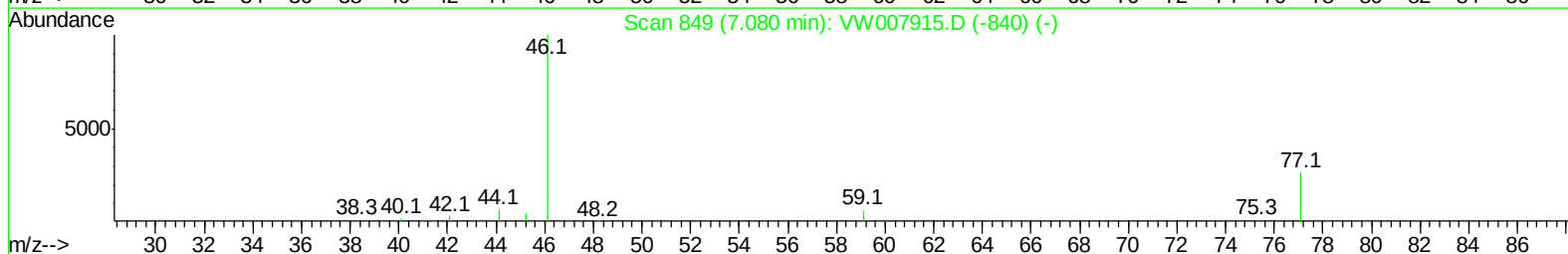
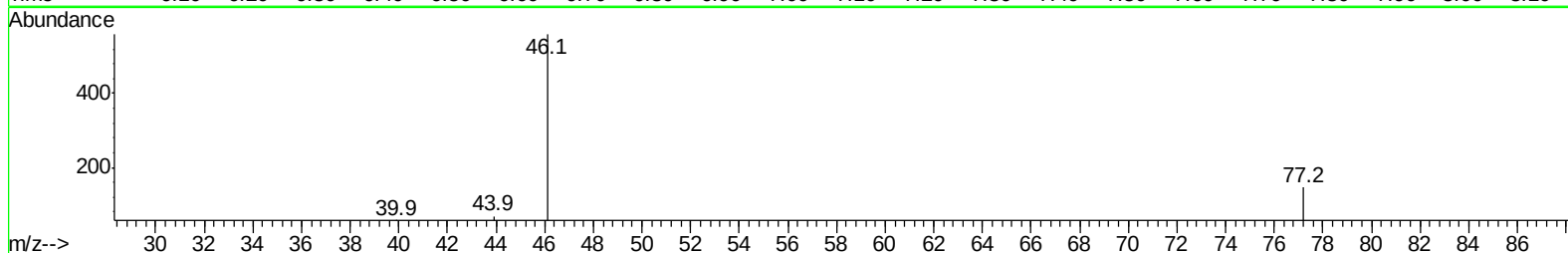
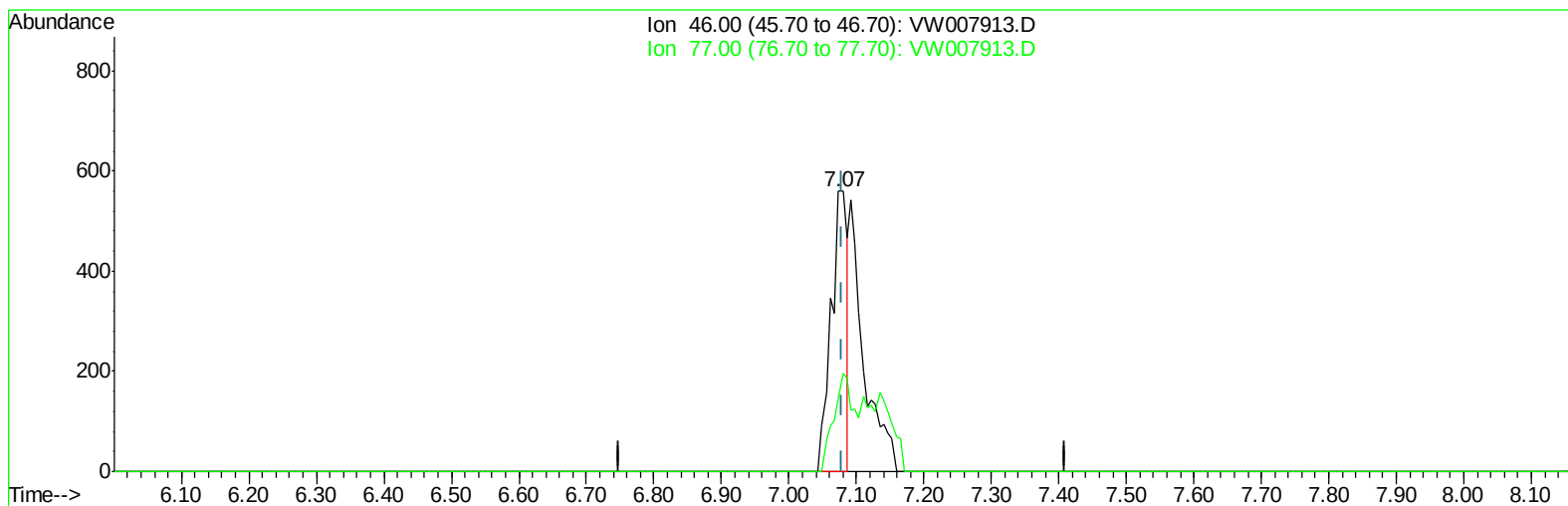
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Manual Integrations
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TIC: VW007913.D

(20) 2-Butanone-d5 (S)
7.073min (-0.006) 1.95ug/L
response 912

Ion	Exp%	Act%
46.00	100	100
77.00	26.90	45.72#
0.00	0.00	0.00
0.00	0.00	0.00

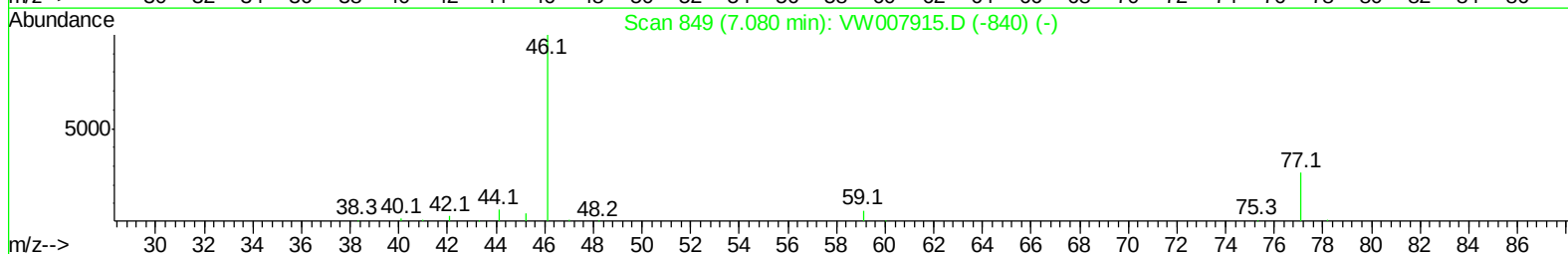
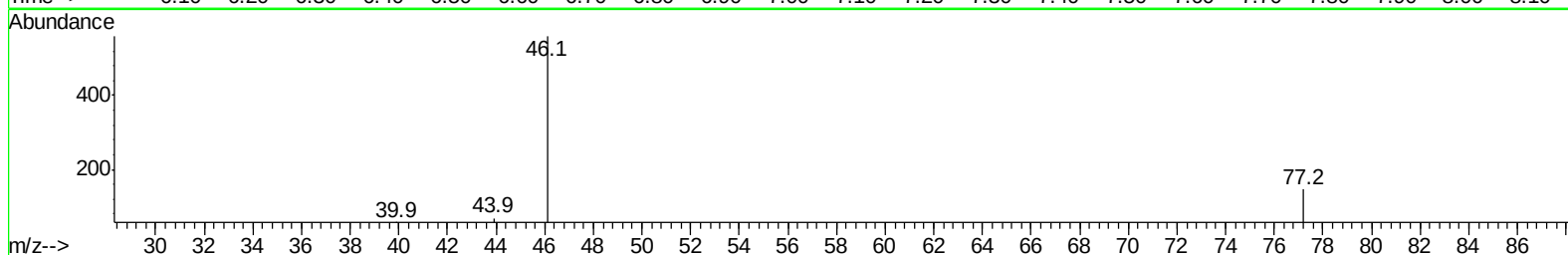
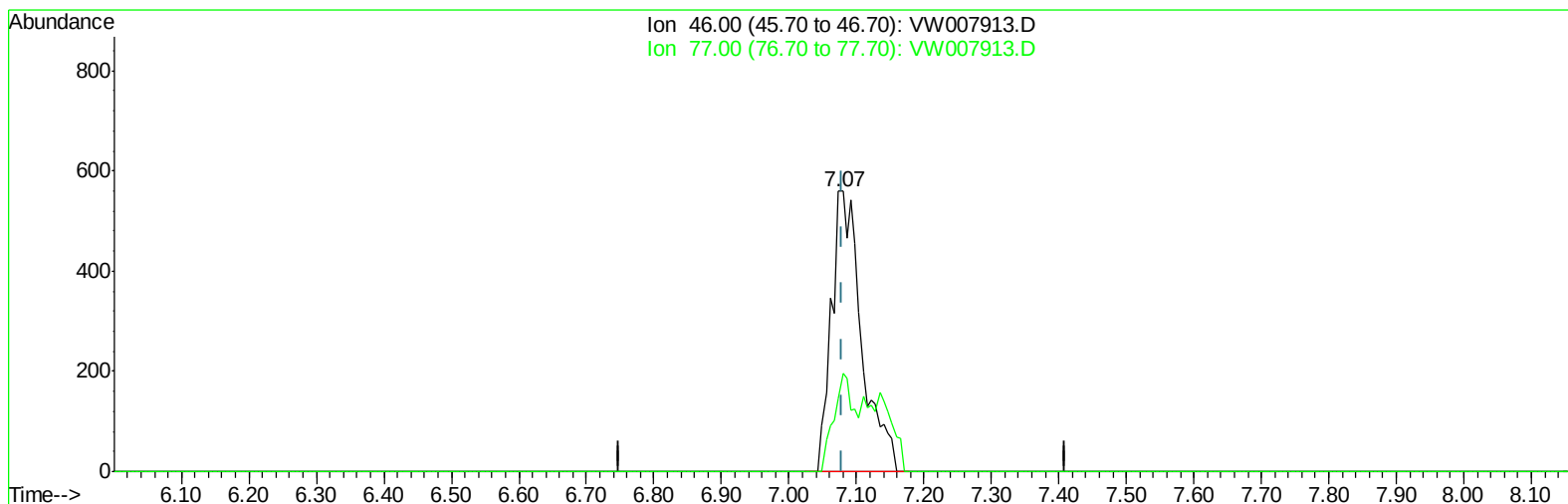
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Instrument :
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Manual Integrations
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TIC: VW007913.D

(20) 2-Butanone-d5 (S)

7.073min (-0.006) 3.71ug/L m

response 1735

Ion	Exp%	Act%
46.00	100	100
77.00	26.90	24.03
0.00	0.00	0.00
0.00	0.00	0.00

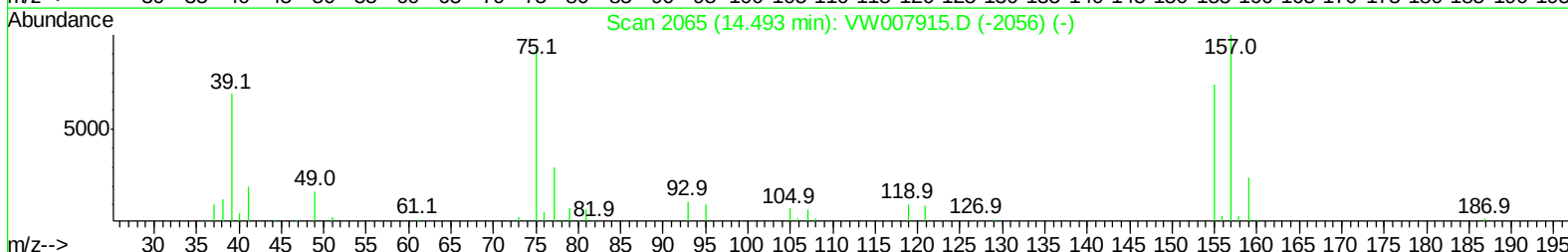
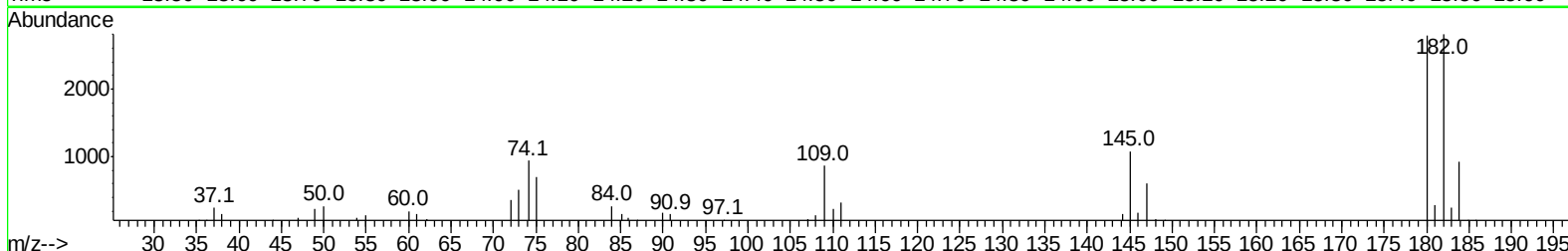
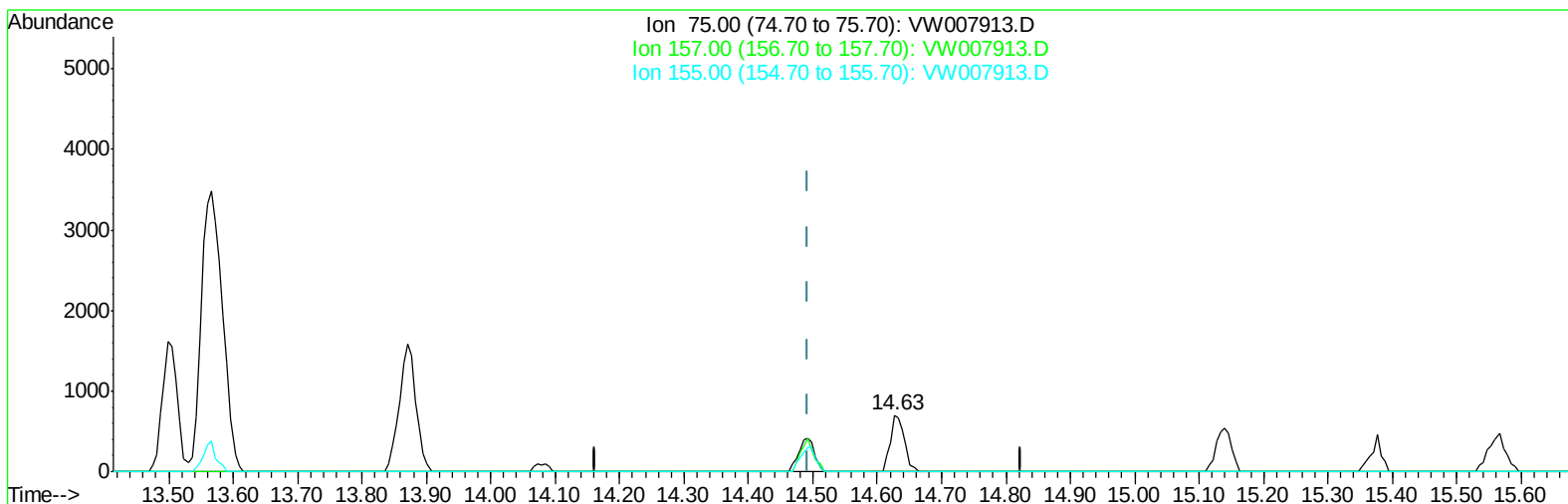
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: VW007913.D

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

14.627min (+0.134) 3.47ug/L

response 1061

Ion	Exp%	Act%
75.00	100	100
157.00	107.00	0.00#
155.00	79.20	0.00#
0.00	0.00	0.00

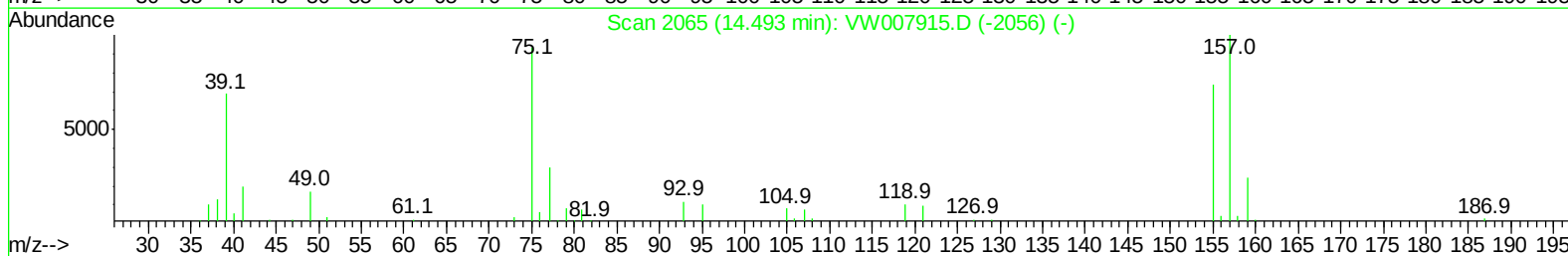
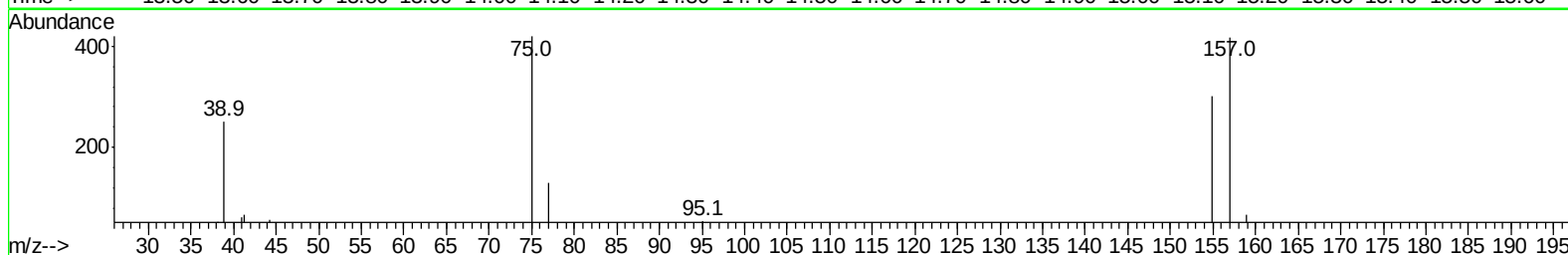
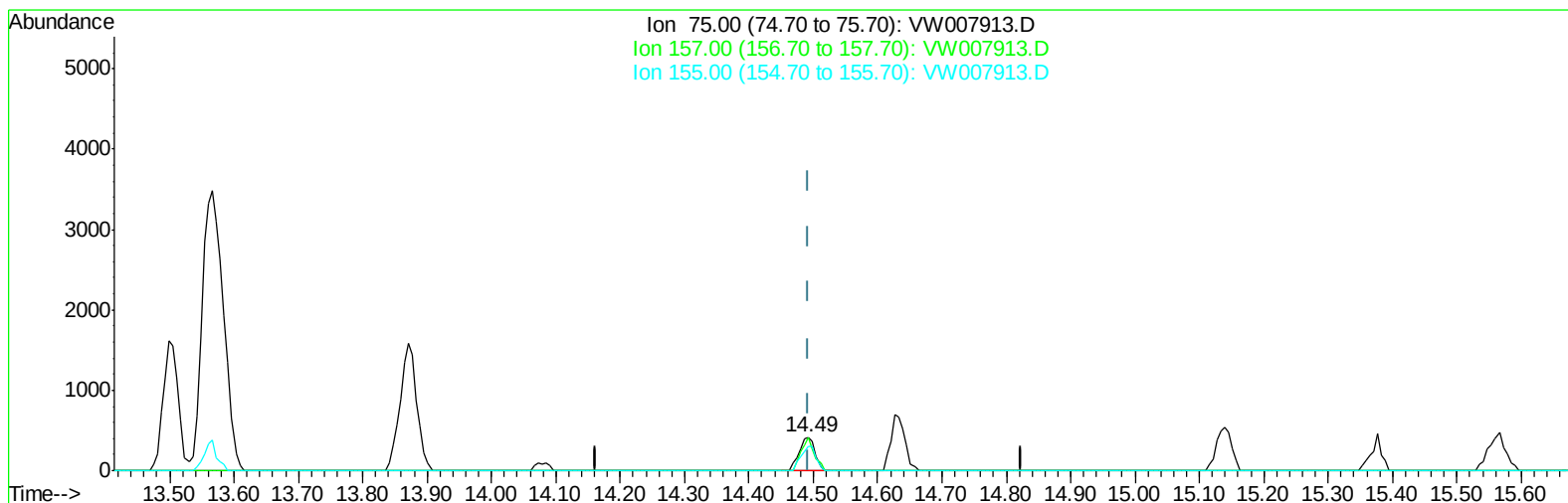
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TIC: VW007913.D

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

14.493min (-0.000) 2.31ug/L m

response 707

Ion	Exp%	Act%
75.00	100	100
157.00	107.00	99.29
155.00	79.20	71.90
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	113989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	103151	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	50260	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	2331	3.14	ug/L	0.00
7) Chloroethane-d5	2.90	69	1648	2.62	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	6626	2.59	ug/L	0.00
20) 2-Butanone-d5	7.07	46	1735m	3.71	ug/L	0.00
24) Chloroform-d	7.65	84	6750	2.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	3927	2.57	ug/L	0.00
29) Benzene-d6	8.27	84	12273	2.19	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	3567	2.23	ug/L	0.00
37) Toluene-d8	10.32	98	11970	2.28	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	1885	2.31	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	1438	3.74	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	3064	2.10	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	4590	2.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	3484m	2.799 ug/L	
3) Chloromethane	2.21	50	2715	2.724 ug/L	97
5) Vinyl chloride	2.37	62	3494	3.716 ug/L	97
6) Bromomethane	2.78	94	2101	3.231 ug/L	94
8) Chloroethane	2.94	64	1678m	2.965 ug/L	
9) Trichlorofluoromethane	3.26	101	2572	2.383 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	3711m	2.579 ug/L	
12) 1,1-Dichloroethene	4.03	96	3445	2.573 ug/L	95
13) Acetone	4.12	43	1956	3.594 ug/L	75
14) Carbon disulfide	4.37	76	10199	2.609 ug/L	97
15) Methyl Acetate	4.68	43	1594	1.953 ug/L #	55
16) Methylene chloride	4.90	84	10541	5.723 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	5846	2.686 ug/L #	72
18) trans-1,2-Dichloroethene	5.42	96	3698	2.575 ug/L	89
19) 1,1-Dichloroethane	6.21	63	6559	2.679 ug/L	98
21) 2-Butanone	7.18	43	2166	3.703 ug/L	84
22) cis-1,2-Dichloroethene	7.17	96	3826	2.421 ug/L	84
23) Bromochloromethane	7.51	128	1739	2.414 ug/L	92
25) Chloroform	7.68	83	6828	2.578 ug/L	97
27) 1,2-Dichloroethane	8.40	62	4814	2.542 ug/L	98
30) Cyclohexane	7.95	56	5749	2.323 ug/L	94
31) 1,1,1-Trichloroethane	7.87	97	6424	2.646 ug/L	96
32) Carbon tetrachloride	8.07	117	6180	2.634 ug/L	99
34) Benzene	8.32	78	14111	2.387 ug/L	100
35) Trichloroethene	9.09	95	4160	2.454 ug/L	99
36) Methylcyclohexane	9.34	83	7056	2.411 ug/L	99
40) 1,2-Dichloropropane	9.37	63	3375	2.334 ug/L #	91
41) Bromodichloromethane	9.65	83	4872	2.346 ug/L #	97
42) cis-1,3-Dichloropropene	10.07	75	5695	2.345 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	4757	4.156 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	16689	2.619	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	5045	2.365	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	2882	2.420	ug/L	94
47) Tetrachloroethene	10.86	164	3209	2.506	ug/L	96
49) 2-Hexanone	10.98	43	3182	3.955	ug/L #	93
50) Dibromochloromethane	11.13	129	3438	2.350	ug/L	98
51) 1,2-Dibromoethane	11.23	107	2684	2.244	ug/L #	87
52) Chlorobenzene	11.66	112	10717	2.591	ug/L	94
53) Ethylbenzene	11.73	91	18154	2.533	ug/L	94
54) m,p-Xylene	11.84	106	7088	2.604	ug/L	86
55) o-xylene	12.17	106	6387	2.483	ug/L	98
56) Styrene	12.18	104	10765	2.441	ug/L	99
57) Isopropylbenzene	12.47	105	18493	2.576	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	3243	2.197	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	2578	2.206	ug/L	98
62) Bromoform	12.35	173	1746	2.029	ug/L #	94
63) 1,3-Dichlorobenzene	13.51	146	8246	2.554	ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	8554	2.657	ug/L	89
65) 1,2-Dichlorobenzene	13.88	146	7677	2.657	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	707m	2.310	ug/L	
67) 1,3,5-Trichlorobenzene	14.63	180	6003	2.567	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	4844	2.402	ug/L	98
69) Naphthalene	15.38	128	9849	1.976	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	4327	2.360	ug/L	96

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

Data File : VW007913.D
Acq On : 26 Dec 2018 08:37
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
12/27/2018 4:48:17 PM

Quant Time: Dec 26 10:40:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 26 10:32:54 2018
Response via : Initial Calibration

