

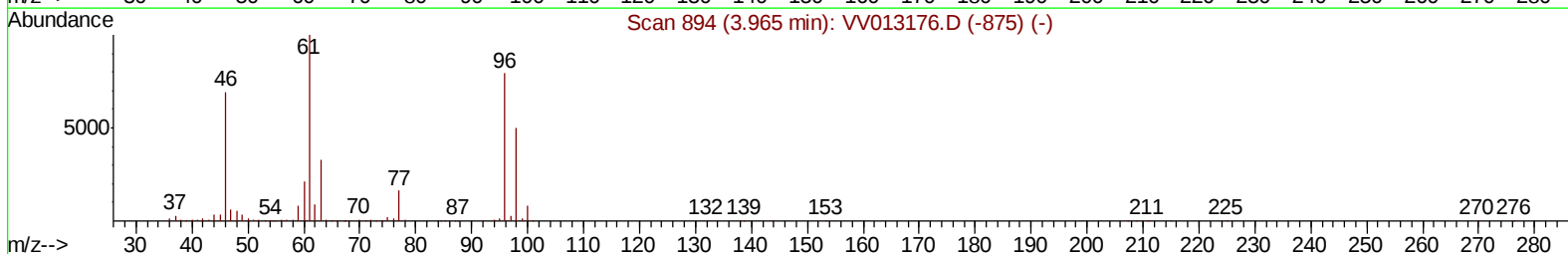
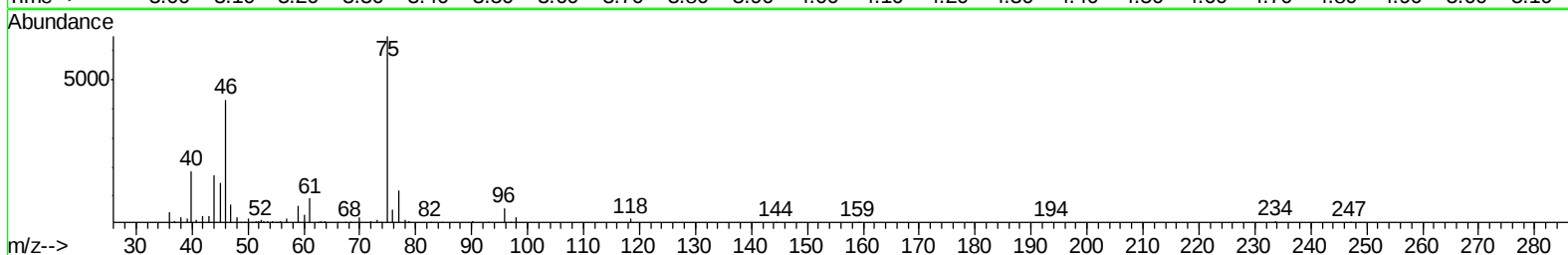
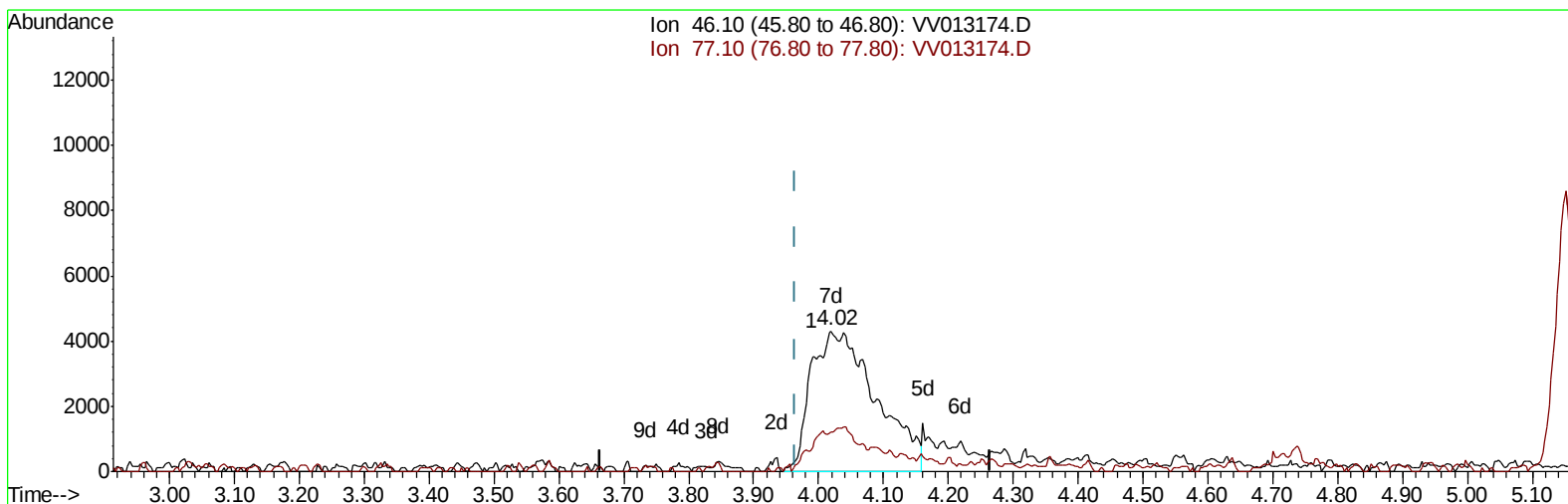
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Data File : VV013174.D
Acq On : 17 Oct 2019 16:11
Operator : SY/MD
Sample : VSTD0.535
Misc : 25.00ML/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.535

Manual Integrations
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Quant Time: Oct 18 01:53:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 01:50:57 2019
Response via : Initial Calibration



TIC: VV013174.D

(20) 2-Butanone-d5 (S)

4.019min (+0.055) 3.05ug/L m

response 29991

Ion	Exp%	Act%
46.10	100	100
77.10	20.60	2.55#
0.00	0.00	0.00
0.00	0.00	0.00

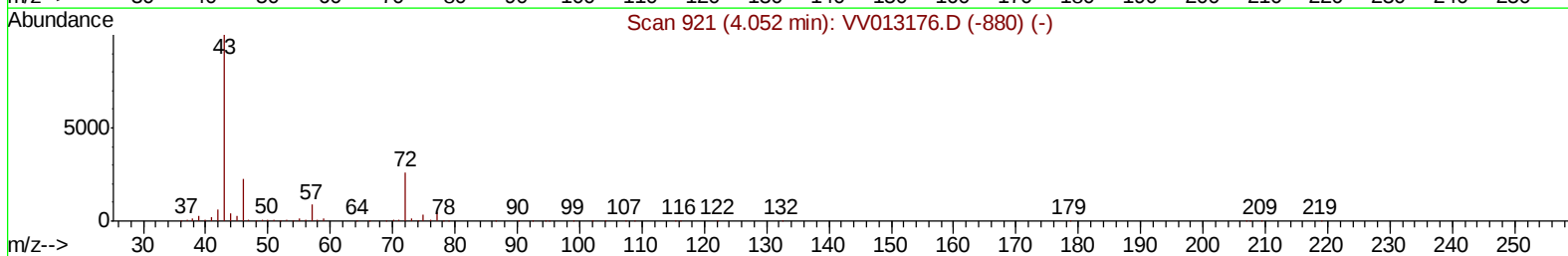
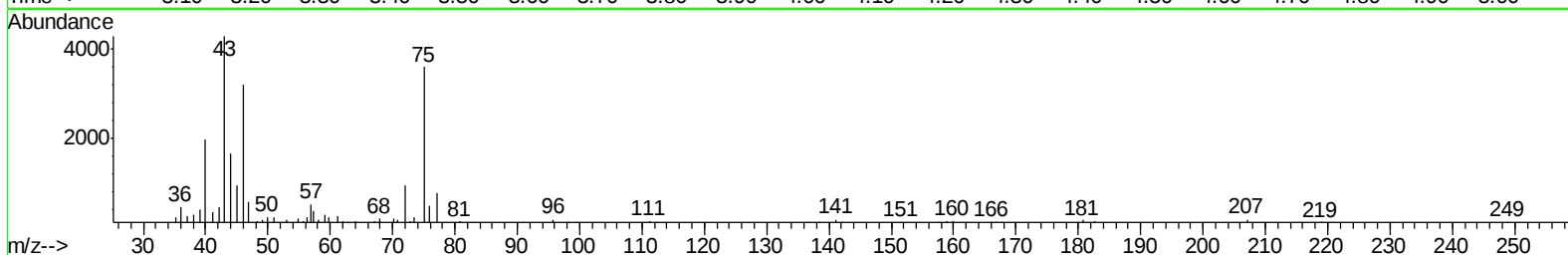
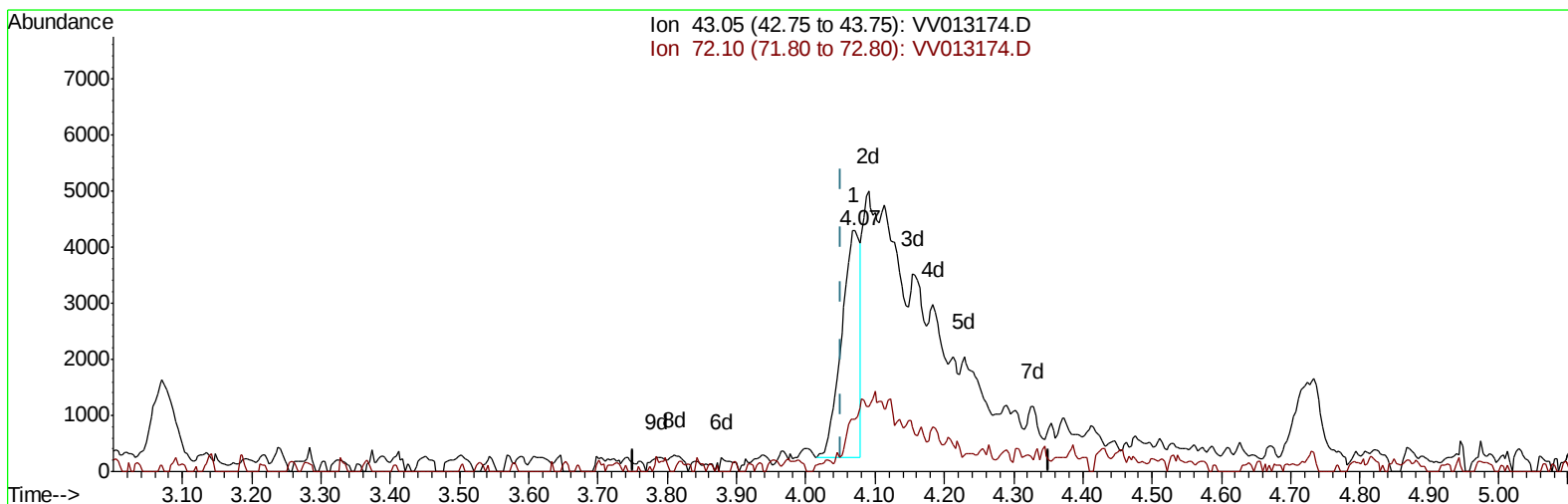
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Data File : VV013174.D
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD0.535

Manual Integrations
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Response via : Initial Calibration



TIC: VV013174.D

(21) 2-Butanone (T)
4.071min (+0.019) 0.81ug/L
response 7254

Ion	Exp%	Act%
43.05	100	100
72.10	26.10	27.89
0.00	0.00	0.00
0.00	0.00	0.00

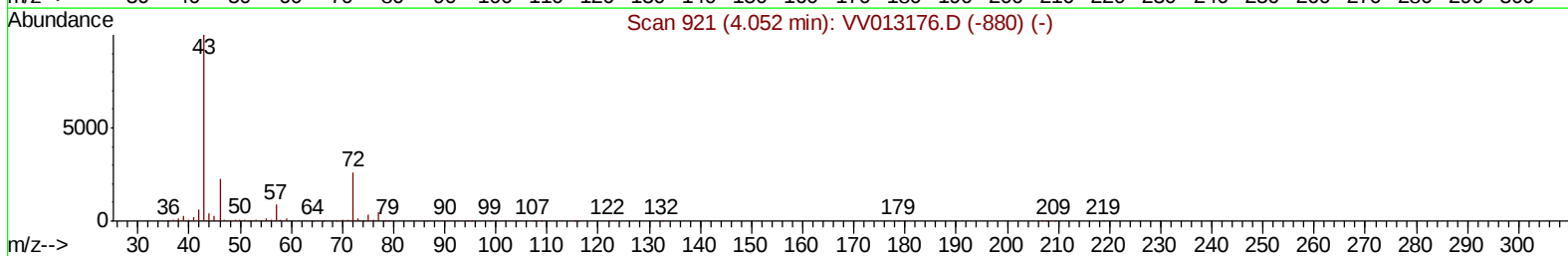
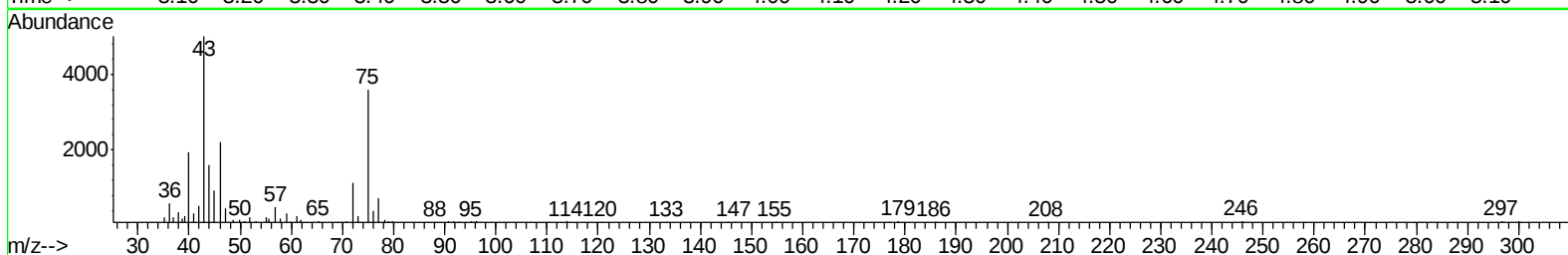
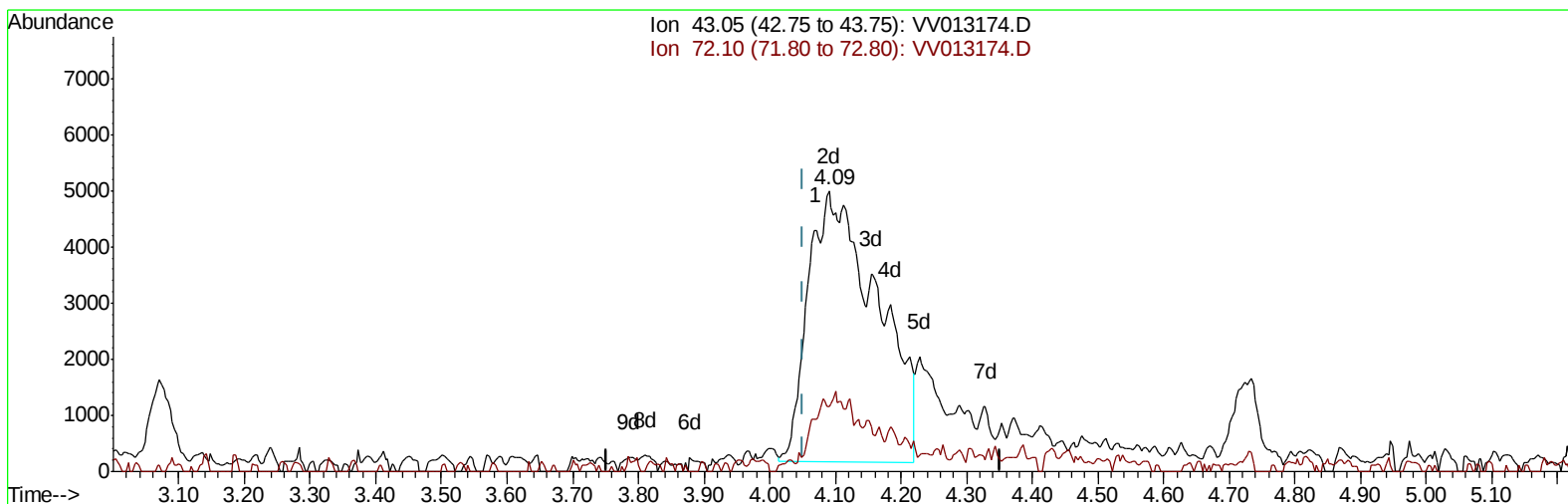
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Manual Integrations
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TIC: VV013174.D

(21) 2-Butanone (T)
 4.090min (+0.039) 3.92ug/L m
 response 34885

Ion	Exp%	Act%
43.05	100	100
72.10	26.10	5.80#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Oct 18 01:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 01:50:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	477475	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	498072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	252235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19787	0.41	ug/L	0.00
7) Chloroethane-d5	1.58	69	15193	0.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	30685	0.43	ug/L	0.00
20) 2-Butanone-d5	4.02	46	29991m	3.05	ug/L	0.05
24) Chloroform-d	4.40	84	33414	0.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	14350	0.37	ug/L	0.00
32) Benzene-d6	5.10	84	61500	0.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	21475	0.42	ug/L	0.00
41) Toluene-d8	7.36	98	50933	0.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6721	0.36	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	19415	2.53	ug/L	0.01
57) 1,1,2,2-Tetrachloroethane-	10.26	84	13728	0.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	19699	0.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	27598	0.722 ug/L	97
3) Chloromethane	1.25	50	28063	0.686 ug/L	100
5) Vinyl chloride	1.32	62	25764	0.575 ug/L	96
6) Bromomethane	1.54	94	16310	0.716 ug/L	100
8) Chloroethane	1.60	64	14564	0.618 ug/L	99
9) Trichlorofluoromethane	1.77	101	33917	0.617 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	20461	0.640 ug/L	94
12) 1,1-Dichloroethene	2.14	96	16587	0.563 ug/L	92
13) Acetone	2.26	43	29538m	5.309 ug/L	
14) Carbon disulfide	2.32	76	60097	0.818 ug/L	97
15) Methyl Acetate	2.48	43	8439m	0.605 ug/L	
16) Methylene chloride	2.54	84	56469	1.518 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	37512	0.475 ug/L #	92
18) trans-1,2-Dichloroethene	2.79	96	21345	0.626 ug/L	98
19) 1,1-Dichloroethane	3.23	63	37699	0.560 ug/L	97
21) 2-Butanone	4.09	43	34885m	3.916 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	21156	0.572 ug/L #	86
23) Bromochloromethane	4.30	128	9686	0.595 ug/L	94
25) Chloroform	4.43	83	47544	0.641 ug/L	99
27) 1,2-Dichloroethane	5.19	62	22768	0.572 ug/L #	91
29) 1,1,1-Trichloroethane	4.66	97	31981	0.546 ug/L	98
30) Cyclohexane	4.72	56	29941	0.563 ug/L #	96
31) Carbon tetrachloride	4.87	117	27720	0.549 ug/L	99
33) Benzene	5.15	78	79093	0.531 ug/L	100
34) Trichloroethene	5.96	95	21026	0.549 ug/L	95
35) Methylcyclohexane	6.17	83	28505	0.522 ug/L	94
37) 1,2-Dichloropropane	6.22	63	18598	0.474 ug/L #	94
38) Bromodichloromethane	6.55	83	26215	0.516 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	23901	0.453 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	88530	3.673 ug/L	95

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 ClientSampleId :
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Manual Integrations
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Quant Time: Oct 18 01:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 01:50:57 2019
 Response via : Initial Calibration

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

42) Toluene	7.43	91	73865	0.474	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	18648	0.449	ug/L	90
45) 1,1,2-Trichloroethane	7.88	97	14127	0.492	ug/L	96
47) Tetrachloroethene	8.02	164	19471	0.613	ug/L	96
48) 2-Hexanone	8.19	43	57950	3.322	ug/L	95
49) Dibromochloromethane	8.29	129	15759	0.472	ug/L	98
50) 1,2-Dibromoethane	8.40	107	12546	0.512	ug/L #	98
51) Chlorobenzene	8.92	112	52680	0.506	ug/L	98
52) Ethylbenzene	9.05	91	77848	0.466	ug/L	92
53) m,p-xylene	9.18	106	26478	0.424	ug/L	97
54) o-xylene	9.59	106	25556	0.420	ug/L	95
55) Styrene	9.60	104	39324	0.381	ug/L	93
56) Isopropylbenzene	9.97	105	68970	0.424	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.28	83	16318	0.459	ug/L	90
59) 1,2,3-Trichloropropane	10.32	75	11949	0.482	ug/L	96
61) Bromoform	9.77	173	9203	0.499	ug/L	94
62) 1,3-Dichlorobenzene	11.22	146	36911	0.452	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	39305	0.474	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	36809	0.465	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	2855	0.536	ug/L #	76
67) 1,3,5-Trichlorobenzene	12.69	180	26352	0.423	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	21565	0.425	ug/L	98
69) Naphthalene	13.55	128	26307	0.346	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	18851	0.380	ug/L	99

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

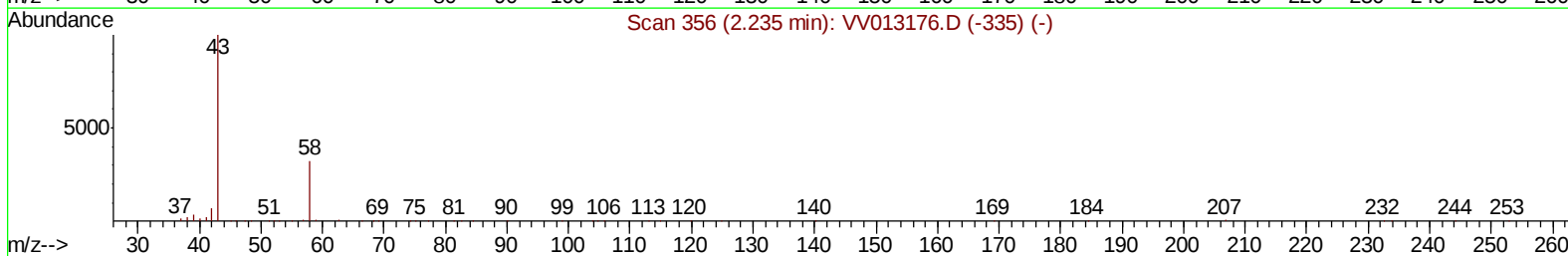
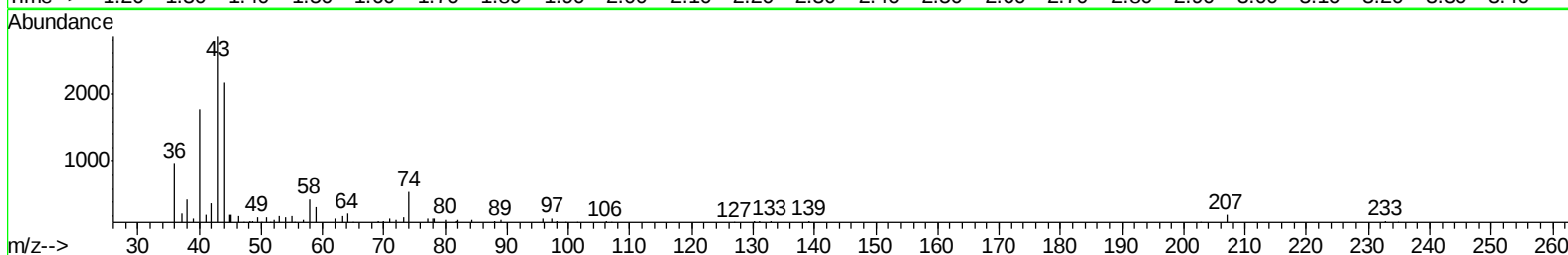
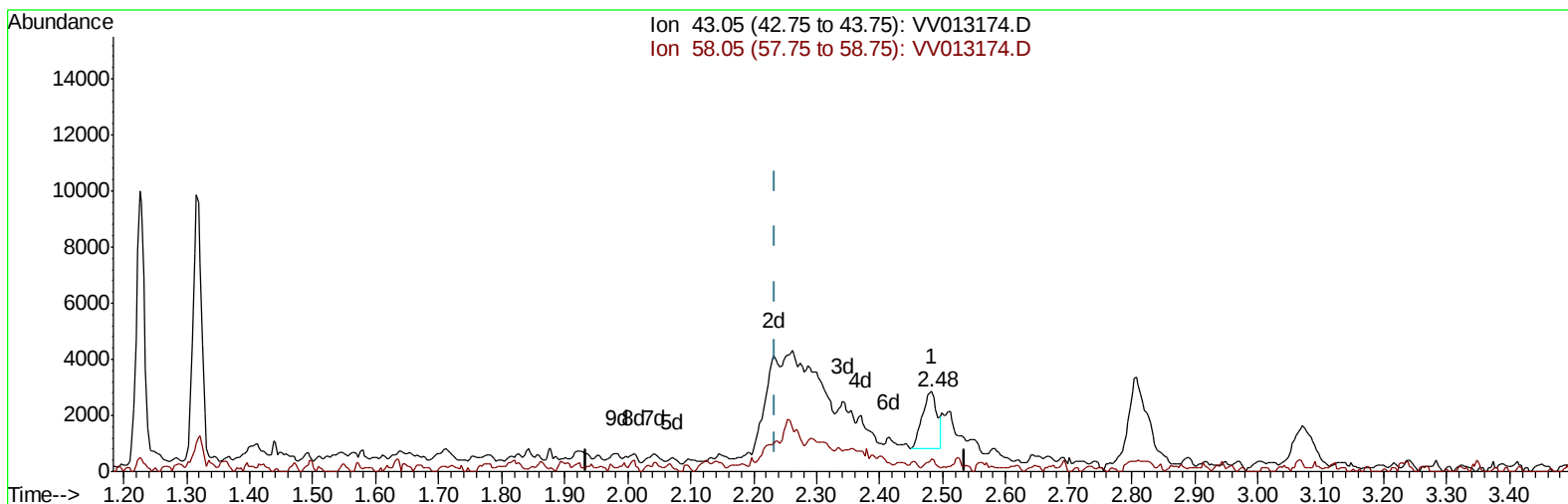
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Instrument :
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 ClientSampleId :
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Manual Integrations
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 01:50:57 2019
 Response via : Initial Calibration



TIC: VV013174.D

(13) Acetone (T)

2.482min (+0.248) 0.60ug/L

response 3348

Ion	Exp%	Act%
43.05	100	100
58.05	26.20	9.23
0.00	0.00	0.00
0.00	0.00	0.00

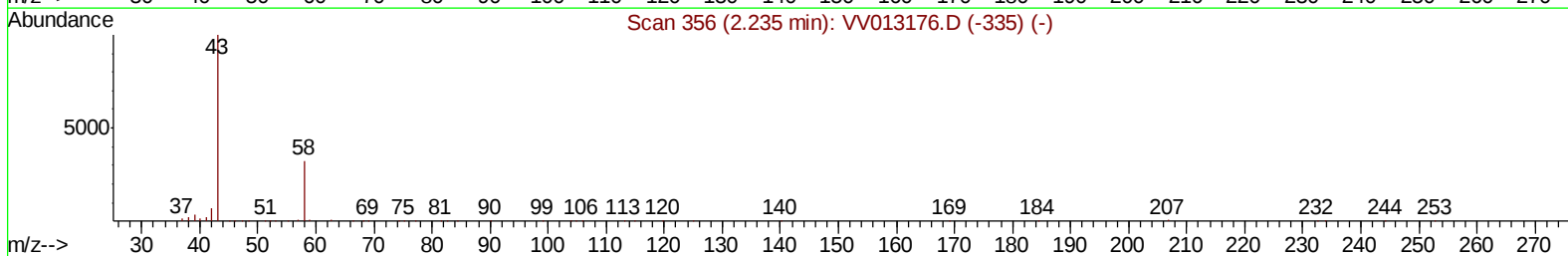
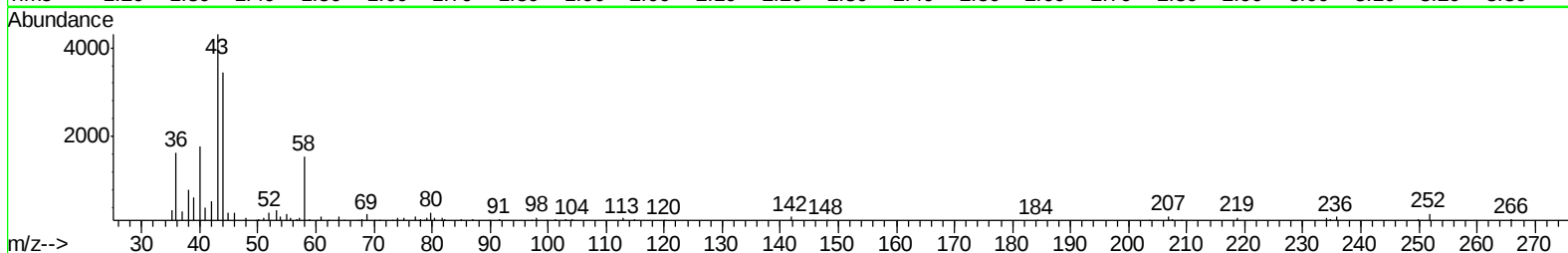
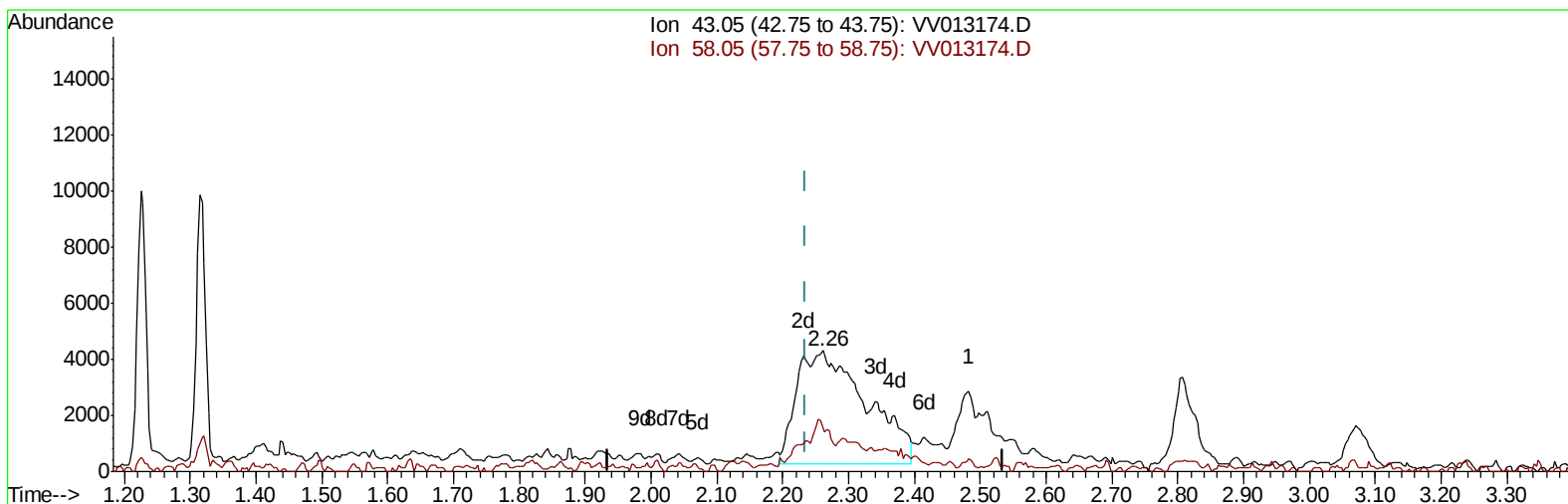
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Manual Integrations
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TIC: VV013174.D

(13) Acetone (T)

2.261min (+0.026) 5.31ug/L m

response 29538

Ion	Exp%	Act%
43.05	100	100
58.05	26.20	1.05
0.00	0.00	0.00
0.00	0.00	0.00

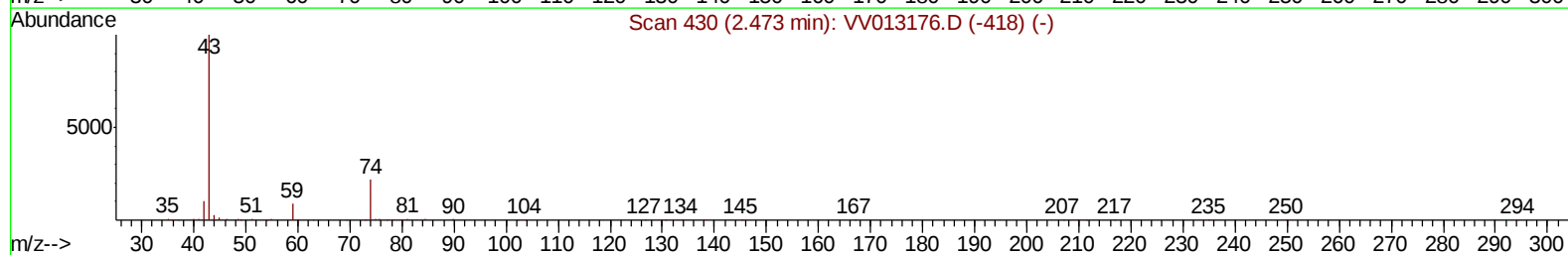
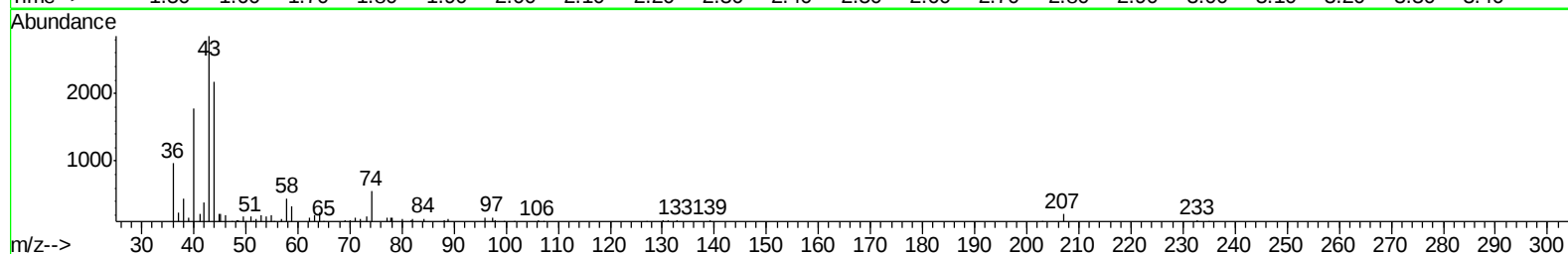
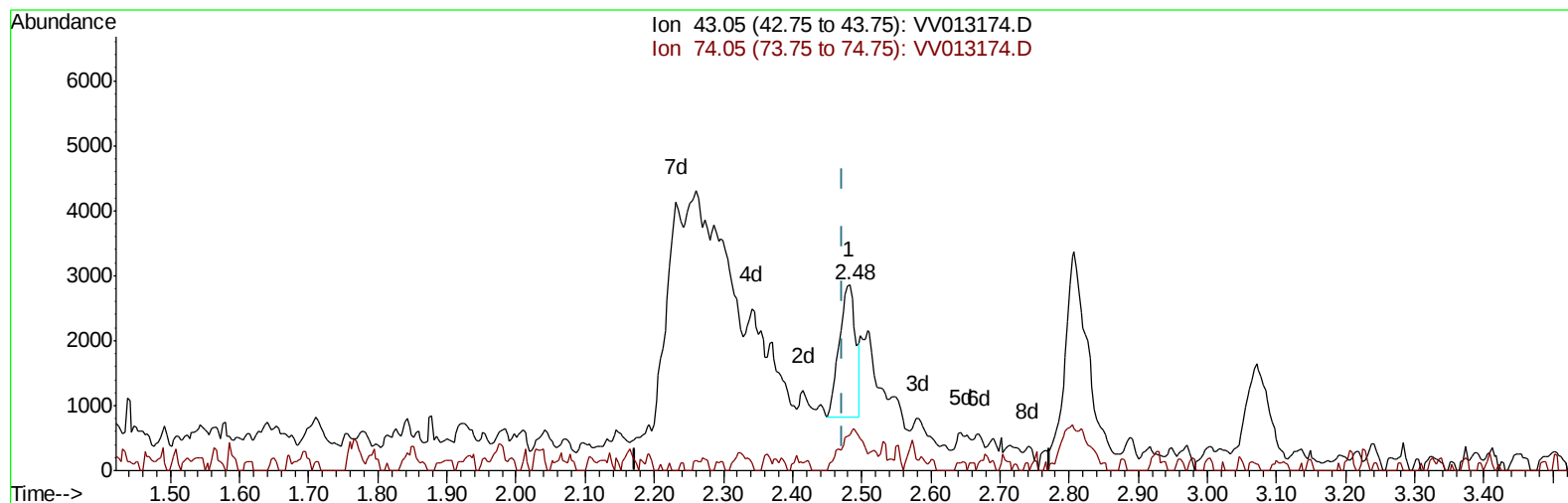
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TIC: VV013174.D

(15) Methyl Acetate (T)

2.482min (+0.010) 0.24ug/L

response 3348

Ion	Exp%	Act%
43.05	100	100
74.05	25.90	43.97#
0.00	0.00	0.00
0.00	0.00	0.00

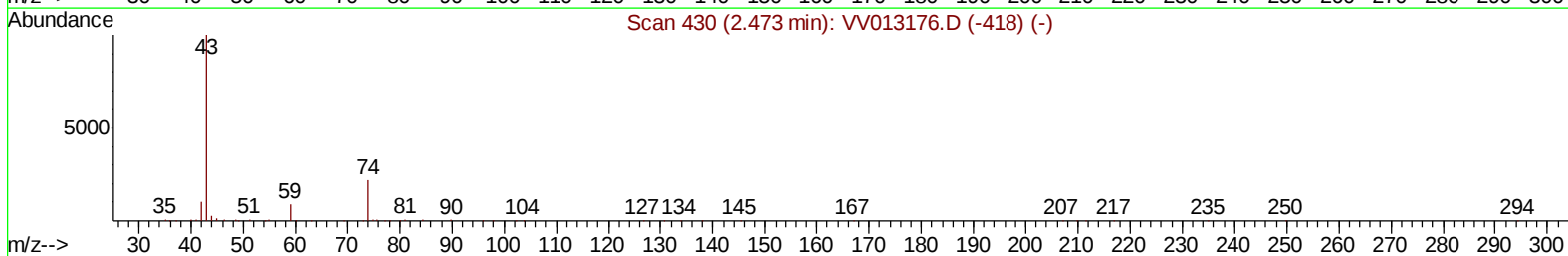
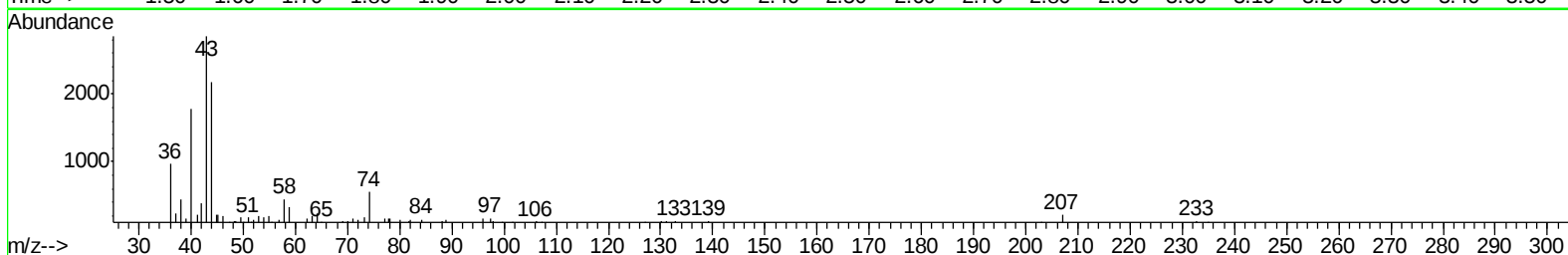
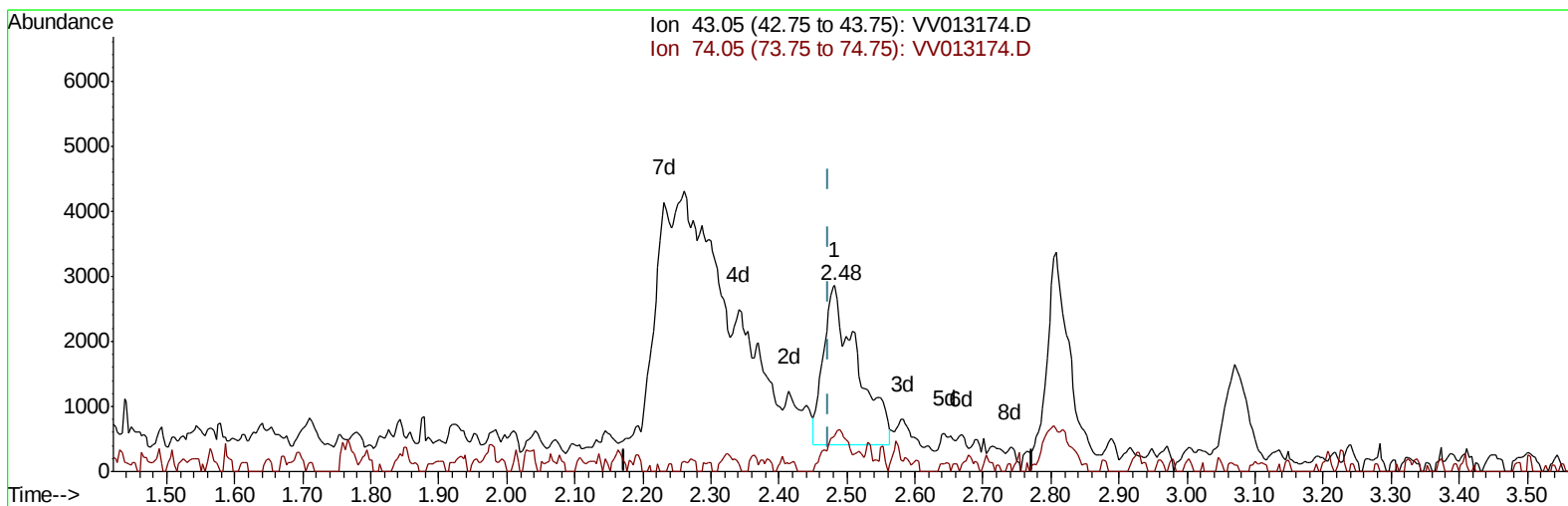
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TIC: VV013174.D

(15) Methyl Acetate (T)

2.482min (+0.010) 0.60ug/L m

response 8439

Ion	Exp%	Act%
43.05	100	100
74.05	25.90	17.44#
0.00	0.00	0.00
0.00	0.00	0.00

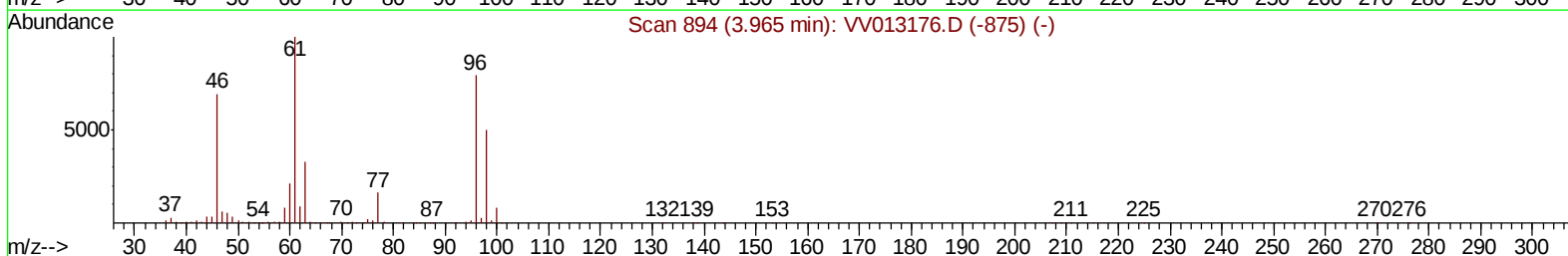
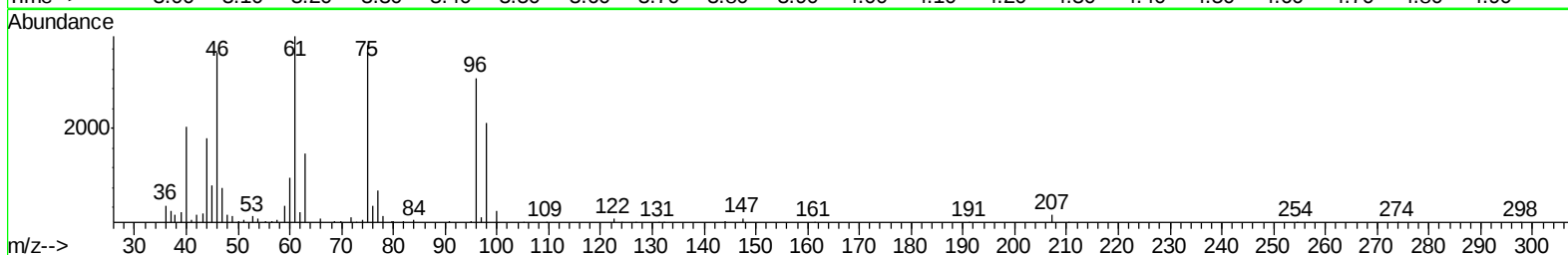
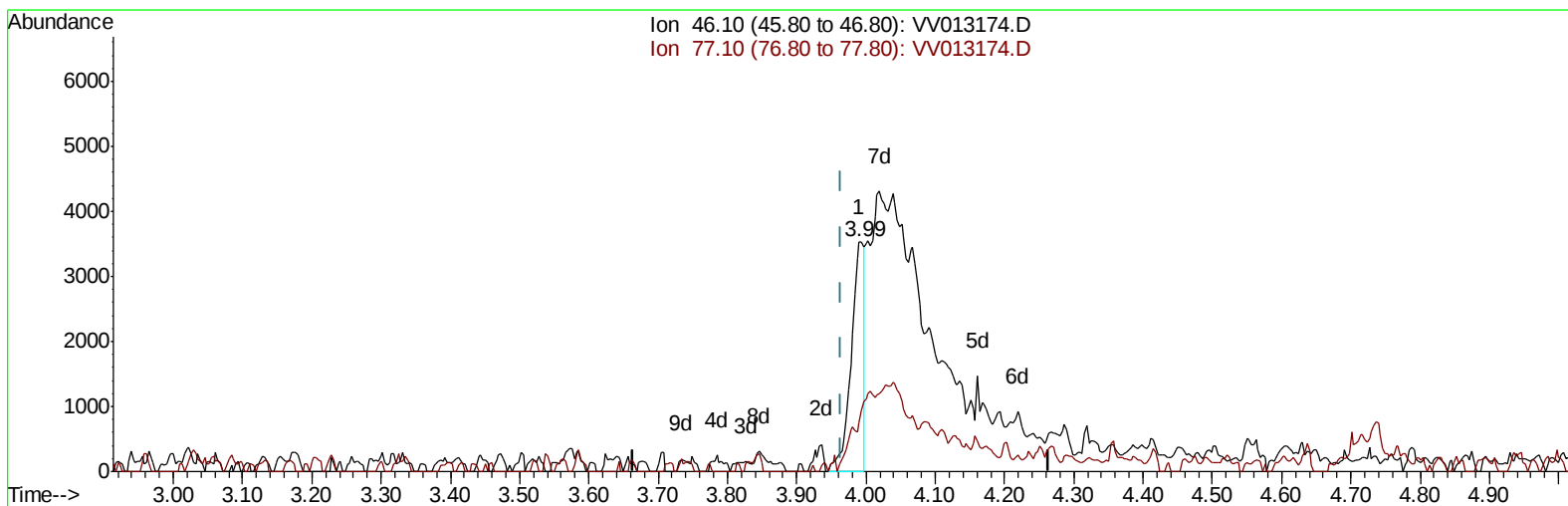
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TIC: VV013174.D

(20) 2-Butanone-d5 (S)

3.990min (+0.026) 0.47ug/L

response 4627

Ion	Exp%	Act%
46.10	100	100
77.10	20.60	16.51
0.00	0.00	0.00
0.00	0.00	0.00