

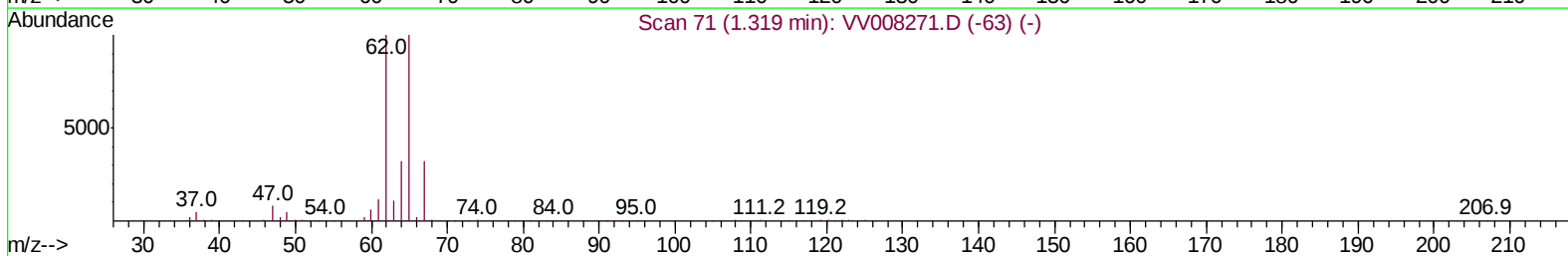
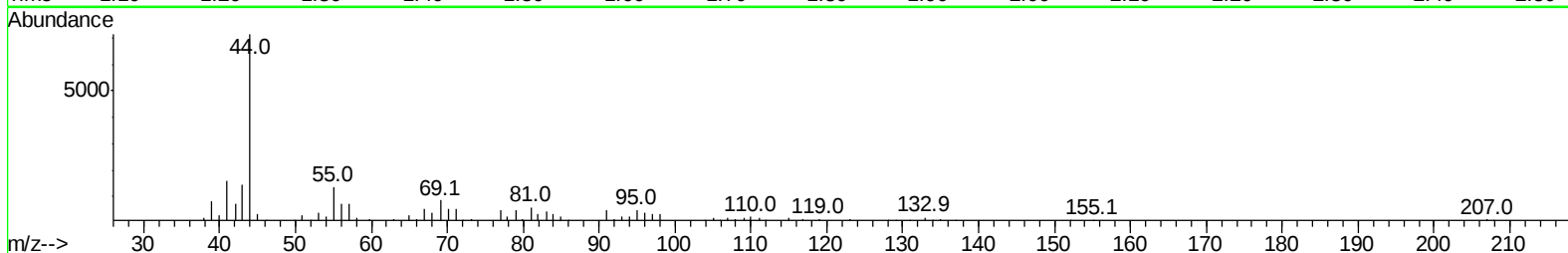
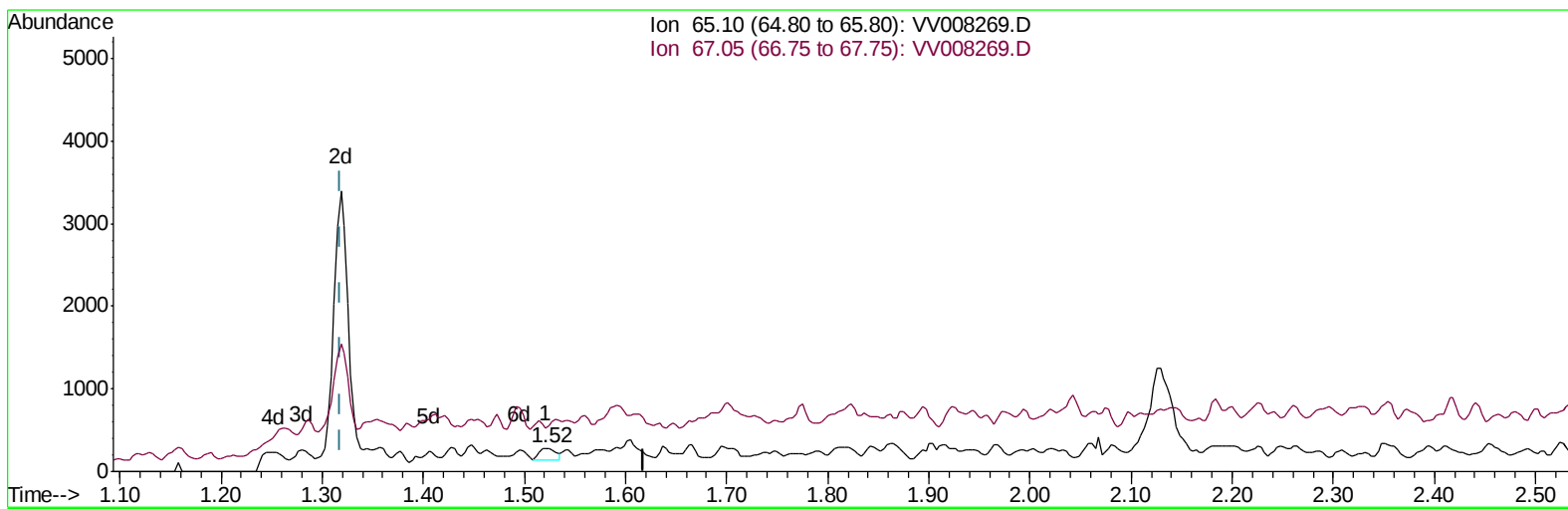
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Data File : VV008269.D
Acq On : 15 Oct 2018 10:54
Operator : SY/MD
Sample : VSTD0.570
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.570

Manual Integrations
APPROVED

sam
10/16/2018 5:47:26 PM

Quant Time: Oct 16 04:40:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 04:38:02 2018
Response via : Initial Calibration



TIC: VV008269.D

(4) Vinyl Chloride-d3 (S)

1.521min (+0.203) 0.02ug/L

response 152

Ion	Exp%	Act%
65.10	100	100
67.05	31.20	34.87
0.00	0.00	0.00
0.00	0.00	0.00

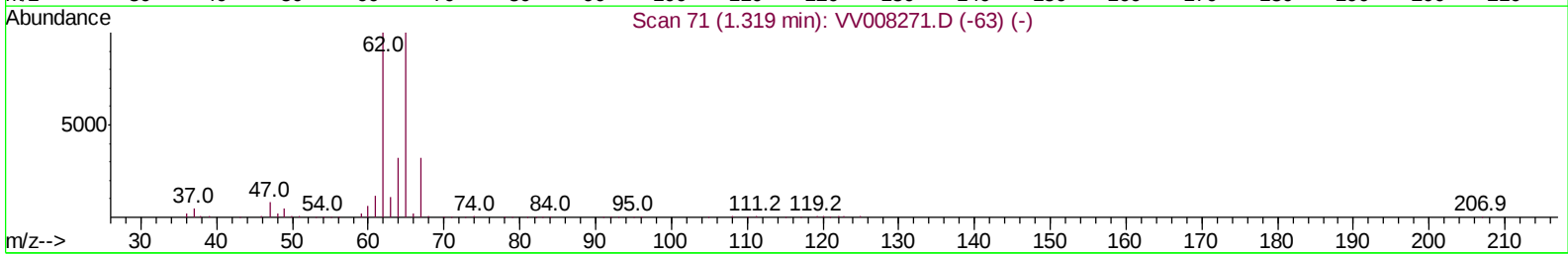
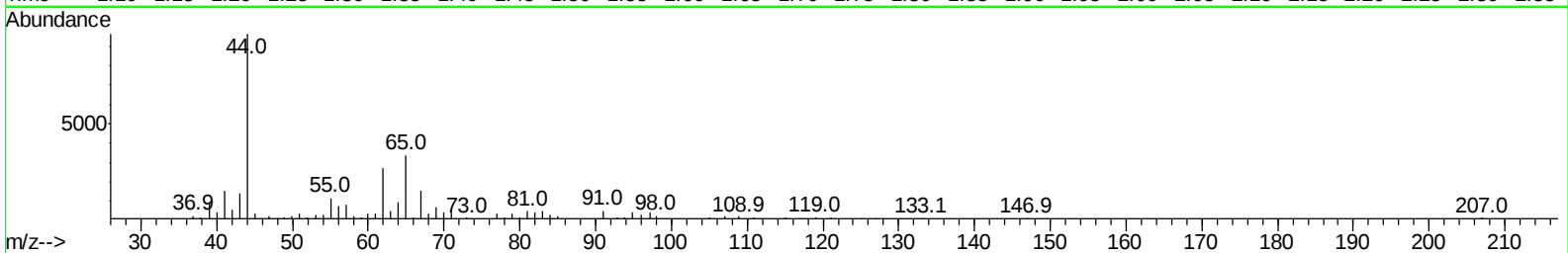
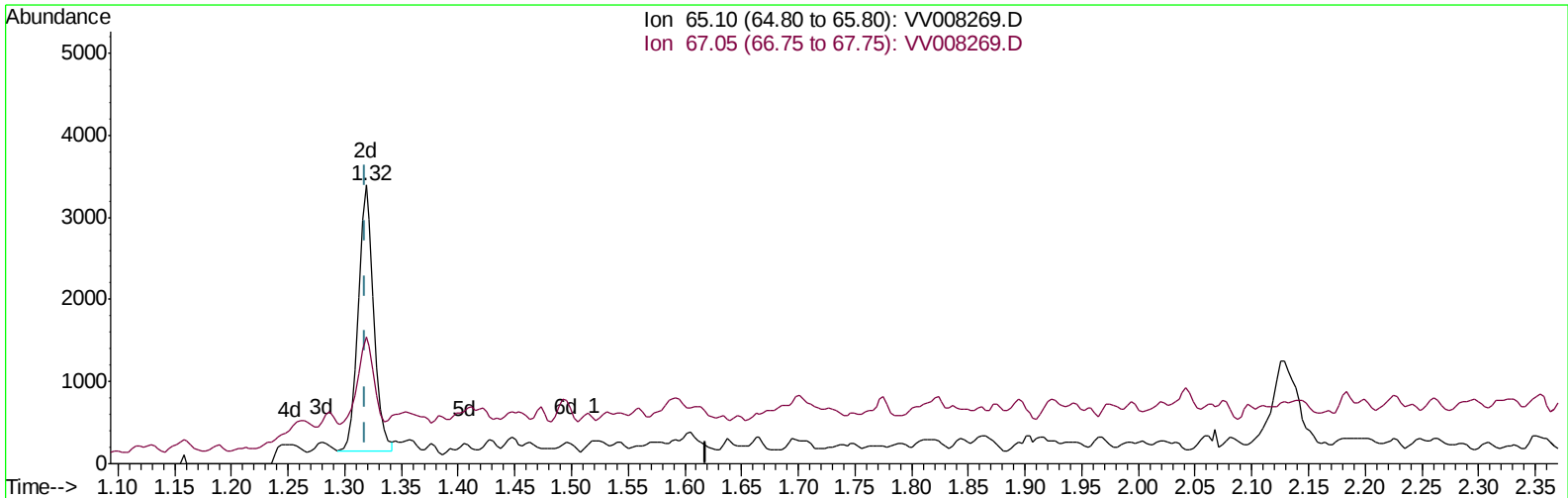
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
Data File : VV008269.D
Acq On : 15 Oct 2018 10:54
Operator : SY/MD
Sample : VSTD0.570
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VV008269.D

(4) Vinyl Chloride-d3 (S)

1.319min (+0.000) 0.45ug/L m

response 3131

Ion	Exp%	Act%
65.10	100	100
67.05	31.20	1.69#
0.00	0.00	0.00
0.00	0.00	0.00

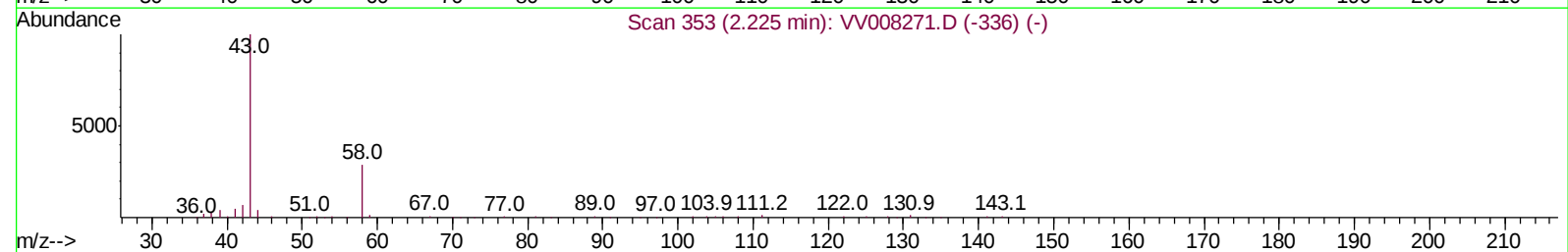
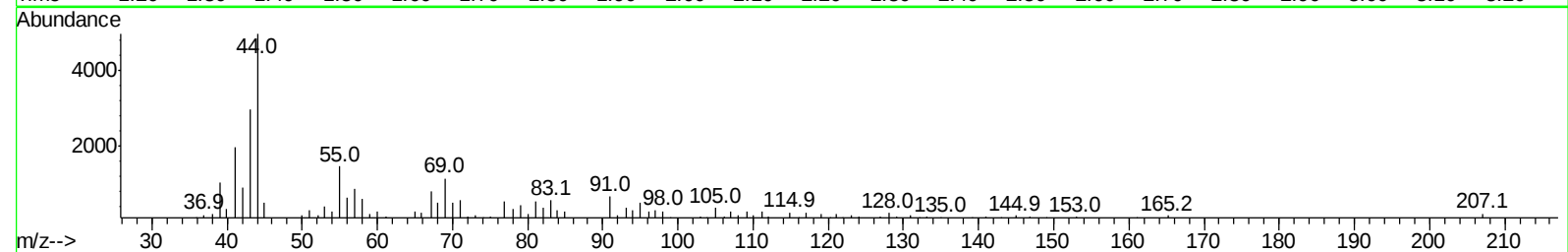
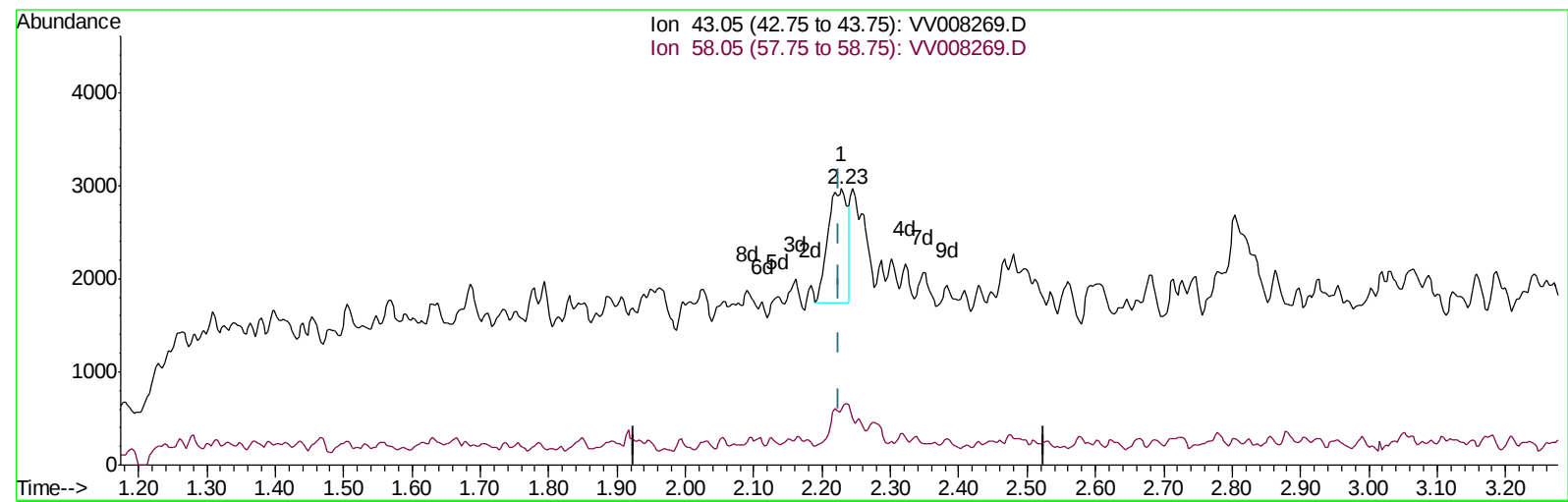
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Data File : VV008269.D
Acq On : 15 Oct 2018 10:54
Operator : SY/MD
Sample : VSTD0.570
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VV008269.D

(13) Acetone (T)

2.229min (+0.003) 2.05ug/L

response 2385

Ion	Exp%	Act%
43.05	100	100
58.05	31.00	8.34
0.00	0.00	0.00
0.00	0.00	0.00

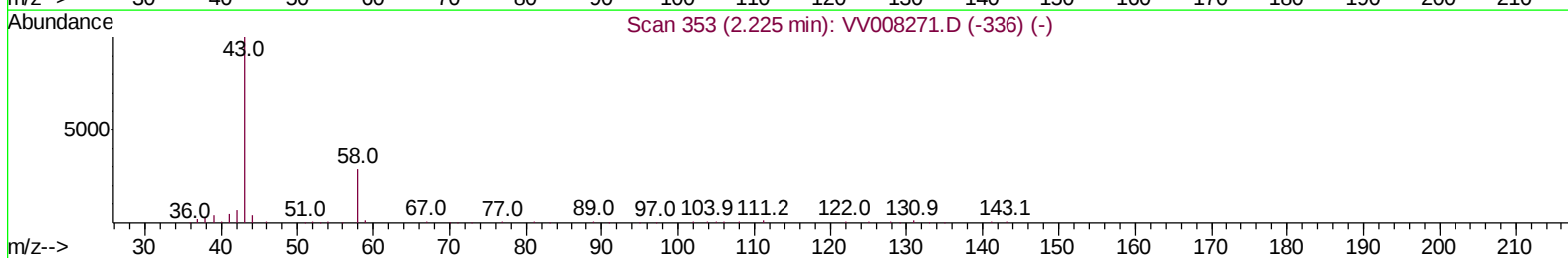
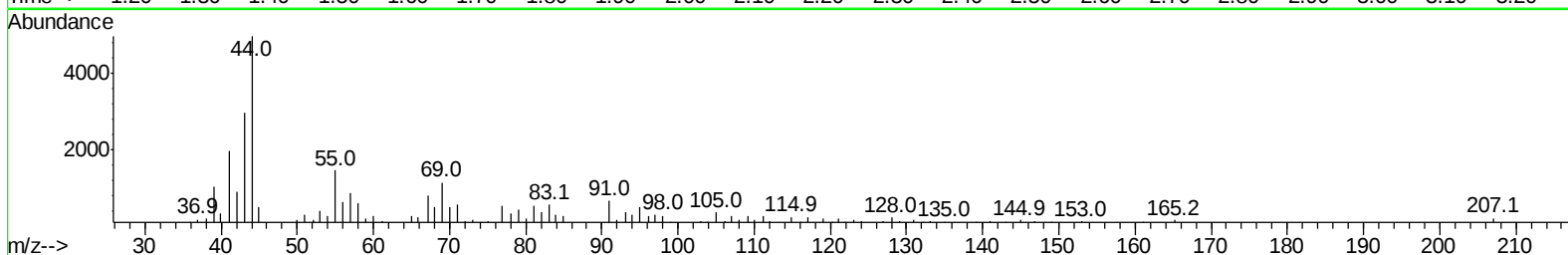
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TIC: VV008269.D

(13) Acetone (T)

2.229min (+0.003) 3.68ug/L m

response 4279

Ion	Exp%	Act%
43.05	100	100
58.05	31.00	4.65
0.00	0.00	0.00
0.00	0.00	0.00

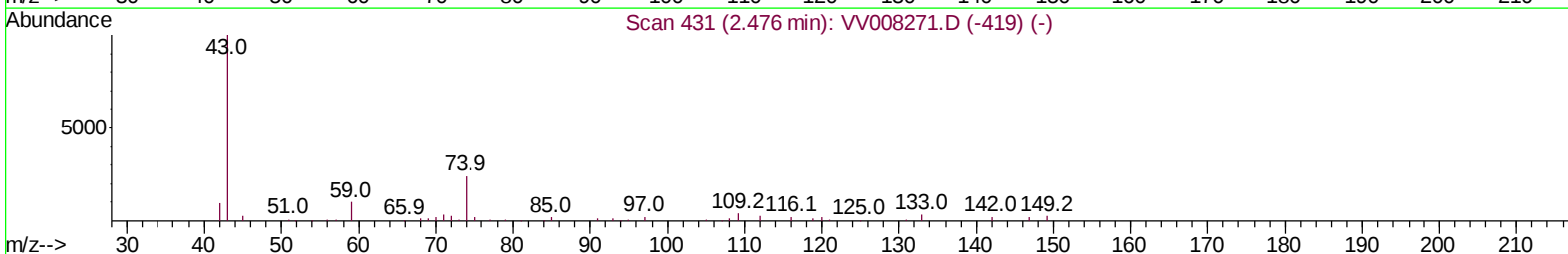
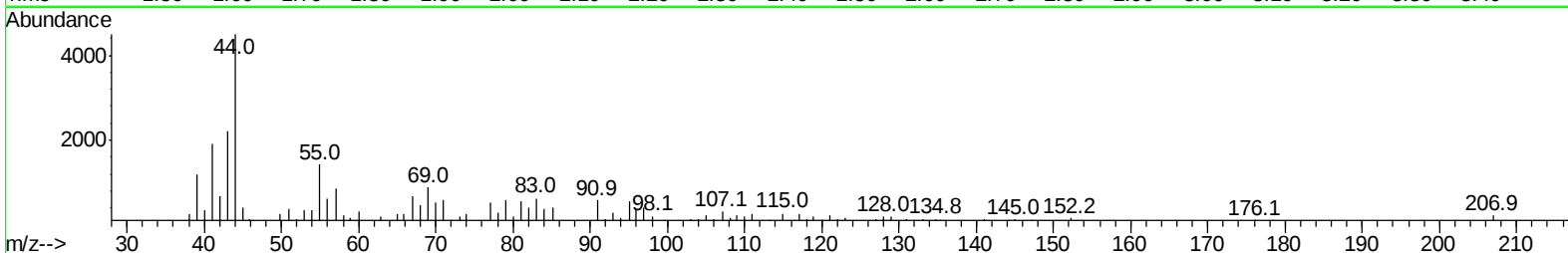
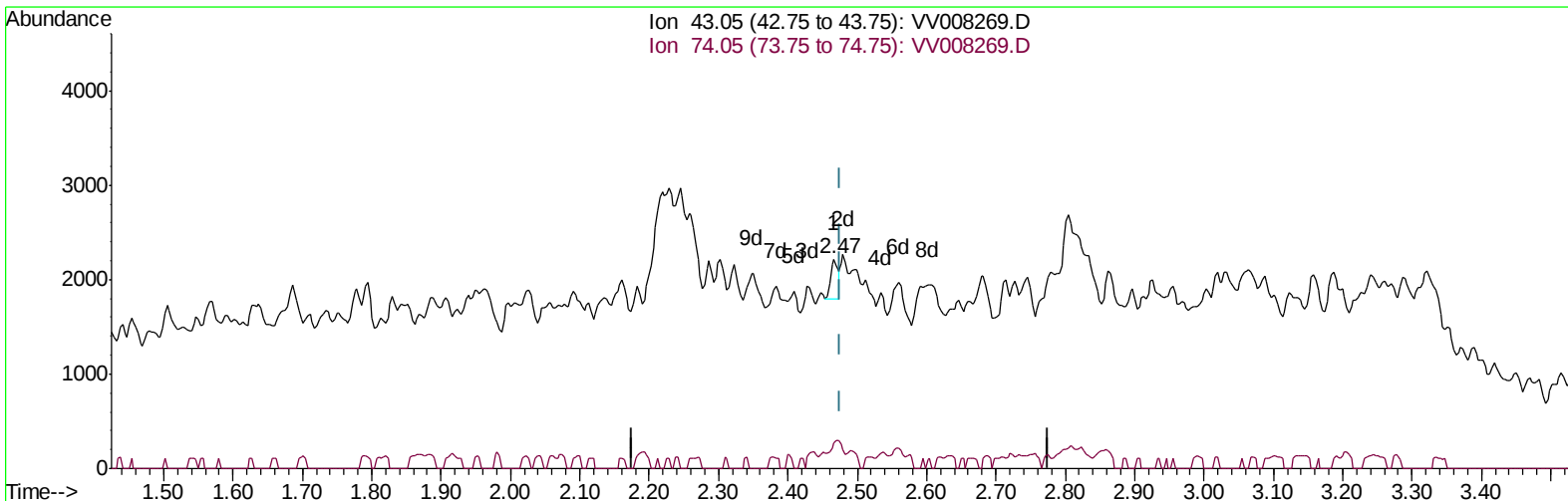
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TIC: VV008269.D

(15) Methyl Acetate (T)

2.466min (-0.010) 0.11ug/L

response 309

Ion	Exp%	Act%
43.05	100	100
74.05	25.00	130.74#
0.00	0.00	0.00
0.00	0.00	0.00

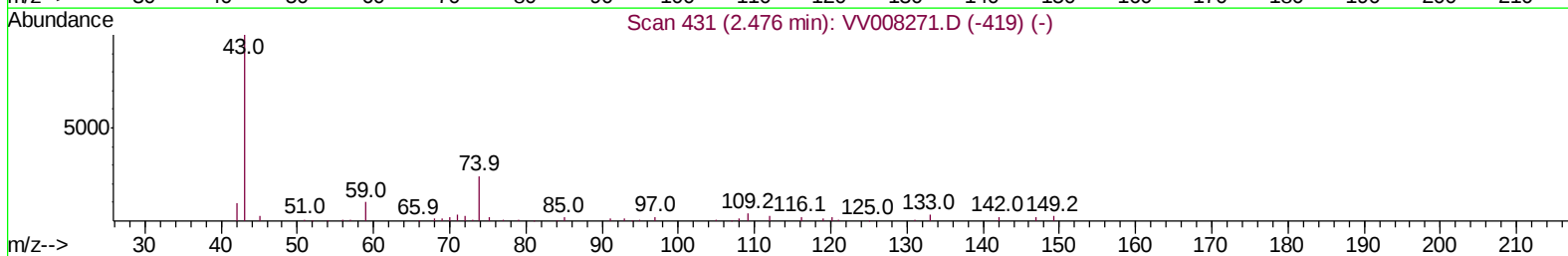
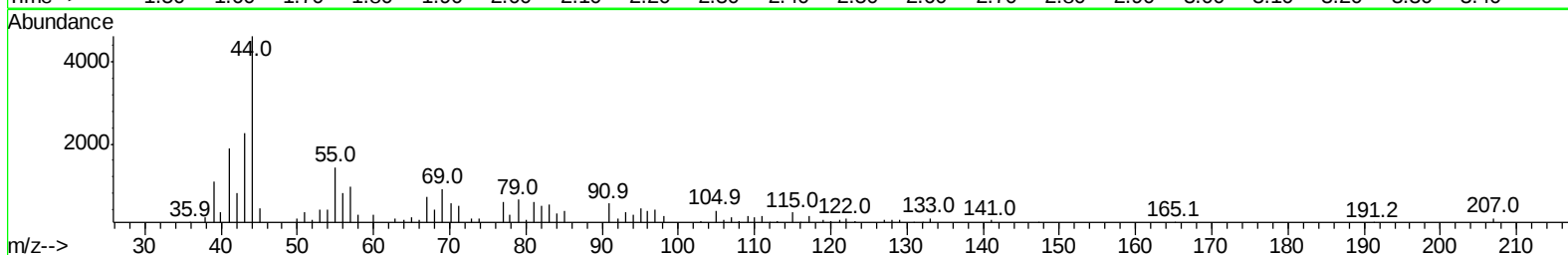
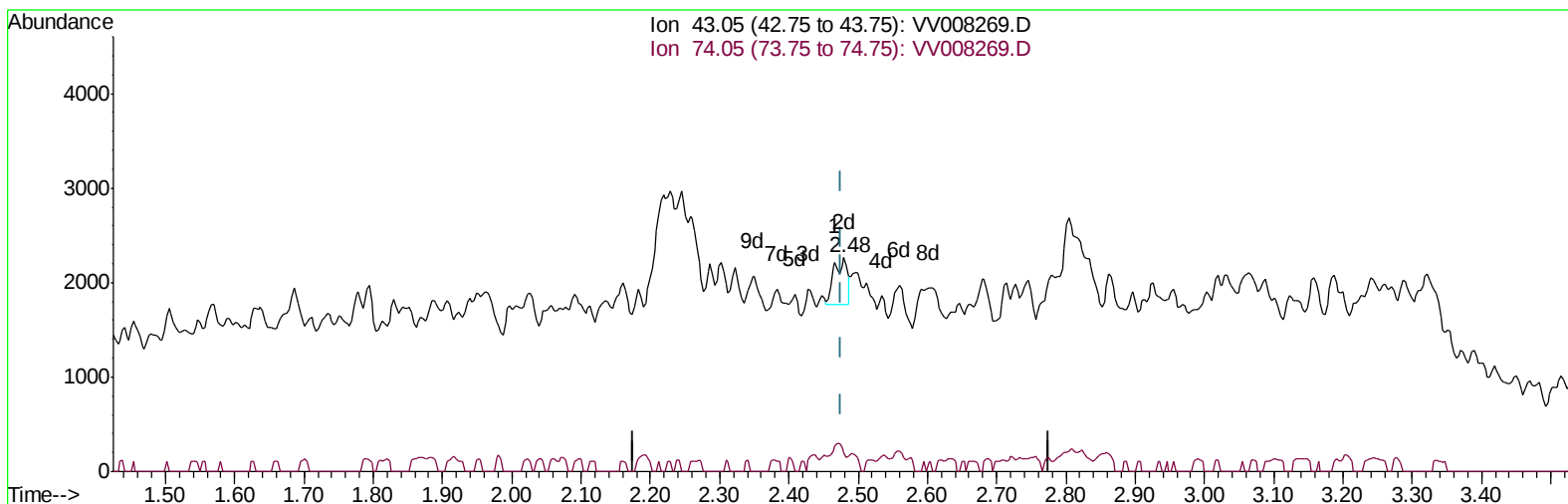
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Operator : SY/MD
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ClientSampleId :
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TIC: VV008269.D

(15) Methyl Acetate (T)

2.479min (+0.003) 0.24ug/L m

response 660

Ion	Exp%	Act%
43.05	100	100
74.05	25.00	61.21#
0.00	0.00	0.00
0.00	0.00	0.00

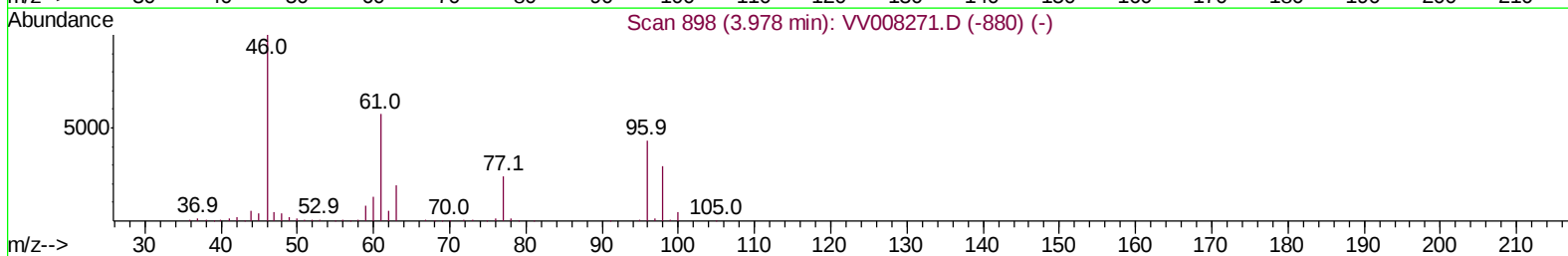
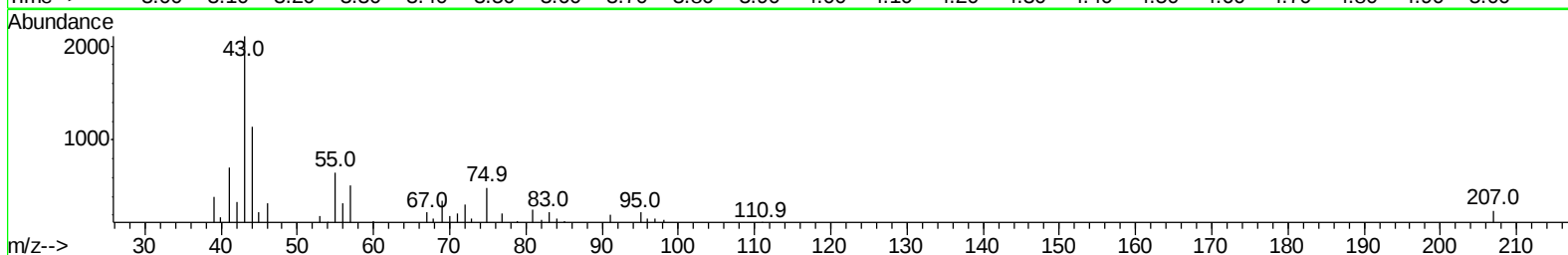
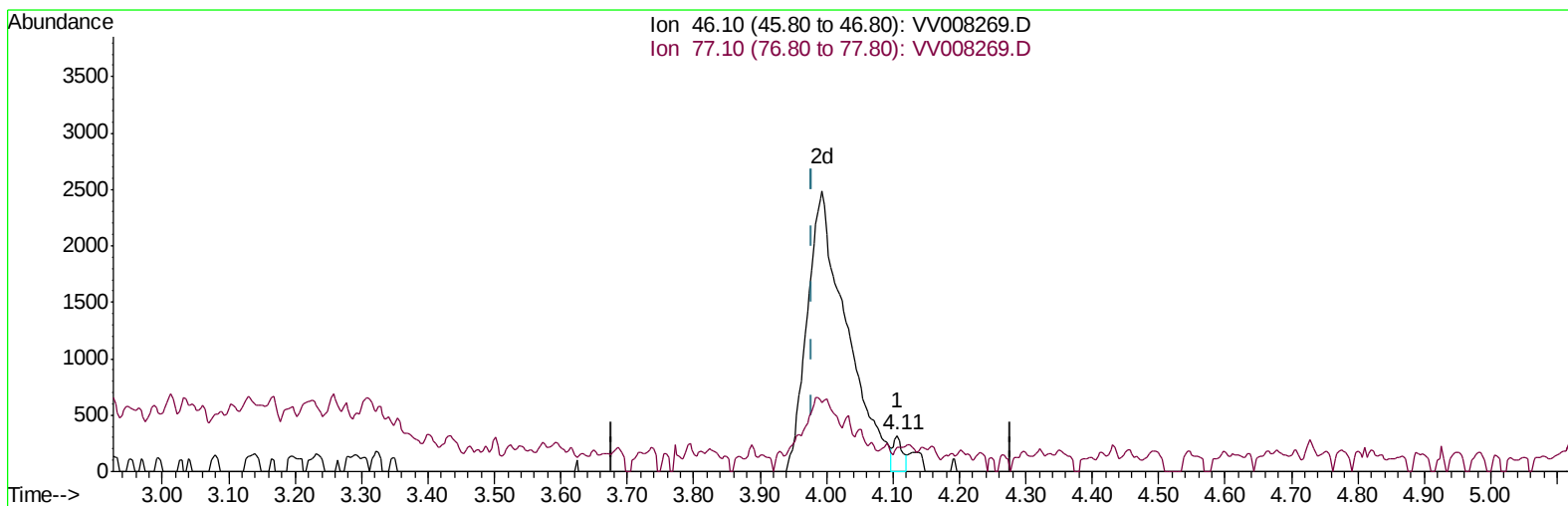
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TIC: VV008269.D

(20) 2-Butanone-d5 (S)

4.106min (+0.129) 0.17ug/L

response 306

Ion	Exp%	Act%
46.10	100	100
77.10	24.30	24.18
0.00	0.00	0.00
0.00	0.00	0.00

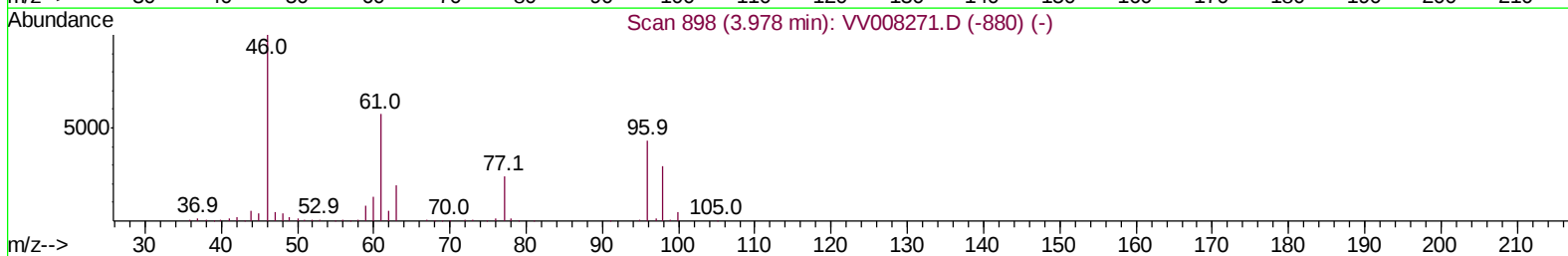
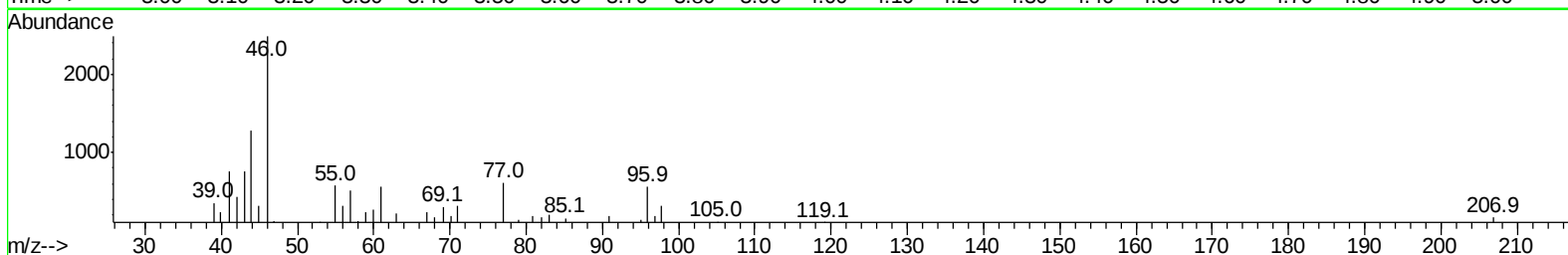
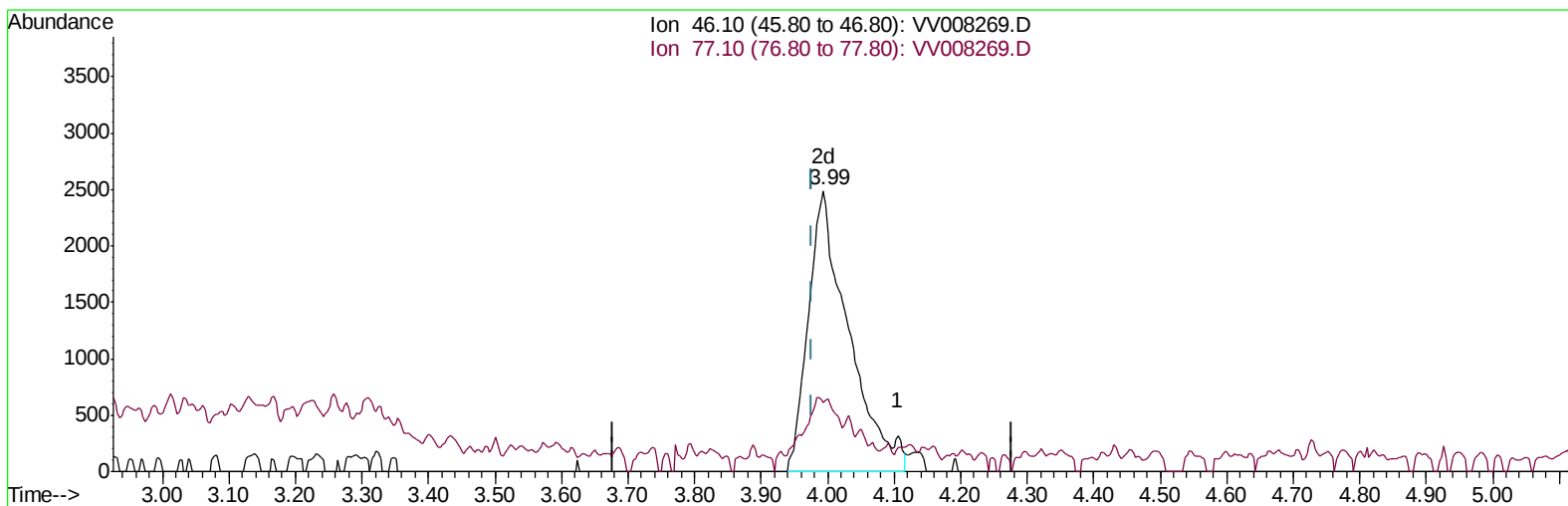
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TIC: VV008269.D

(20) 2-Butanone-d5 (S)

3.994min (+0.016) 5.79ug/L m

response 10453

Ion	Exp%	Act%
46.10	100	100
77.10	24.30	0.71#
0.00	0.00	0.00
0.00	0.00	0.00

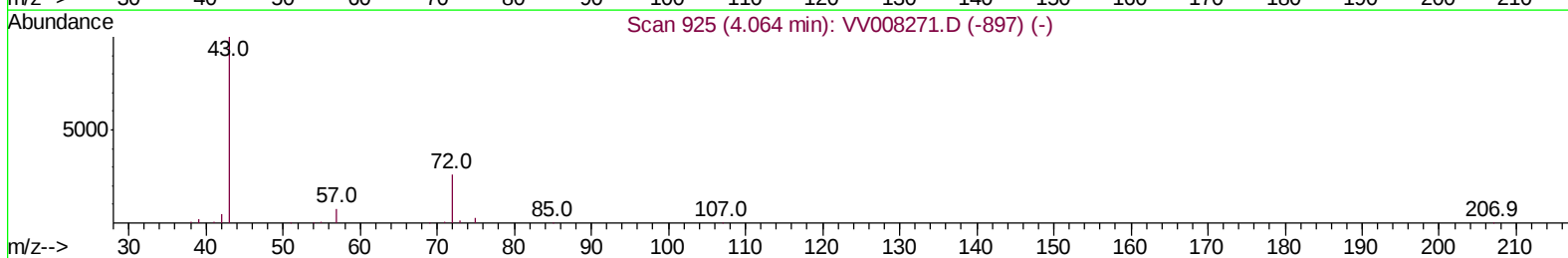
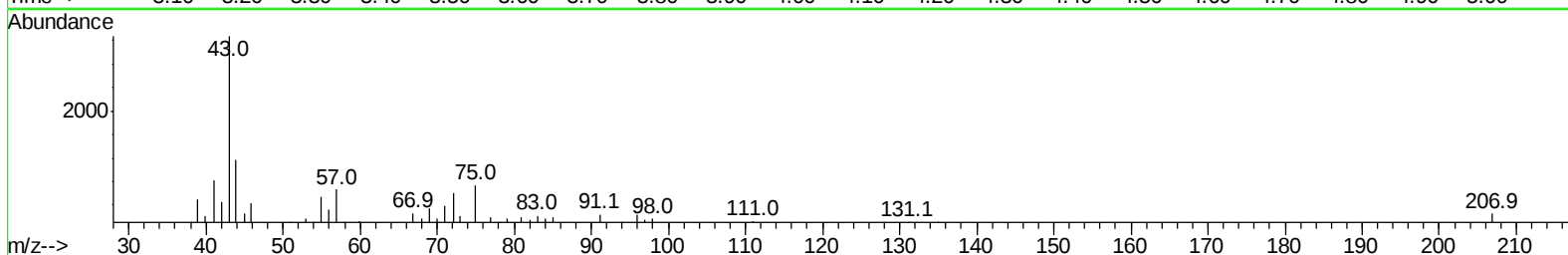
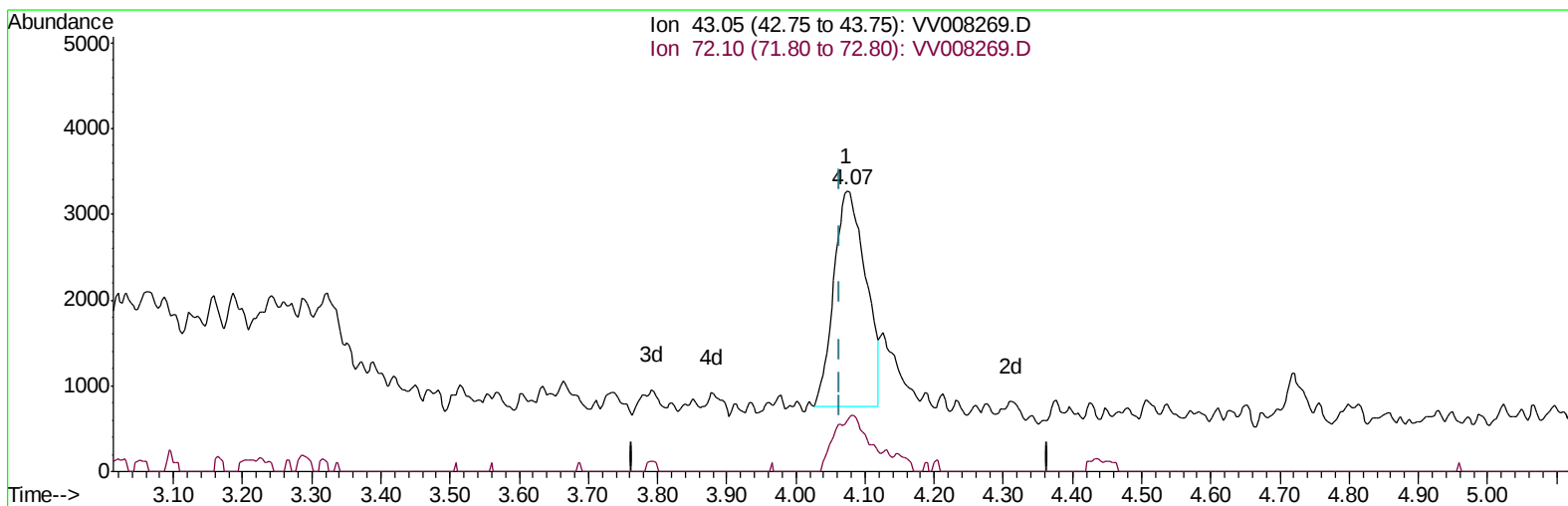
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Manual Integrations
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TIC: VV008269.D

(21) 2-Butanone (T)
4.074min (+0.010) 4.03ug/L
response 8087

Ion	Exp%	Act%
43.05	100	100
72.10	25.80	17.08
0.00	0.00	0.00
0.00	0.00	0.00

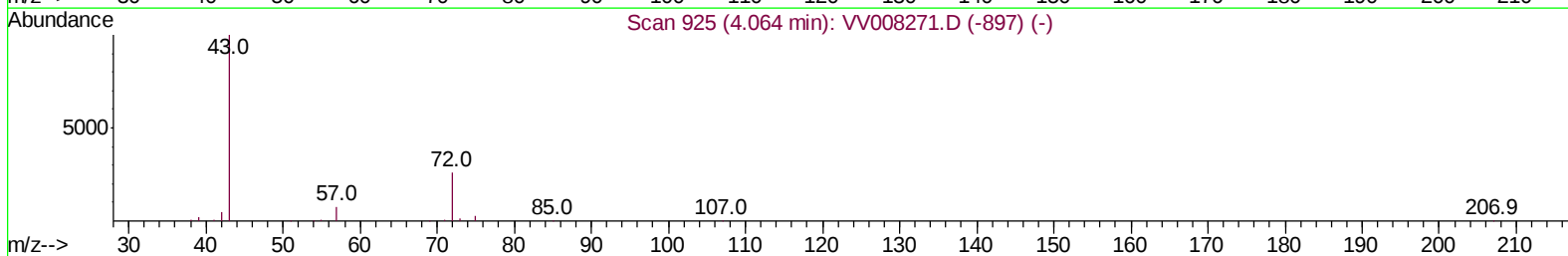
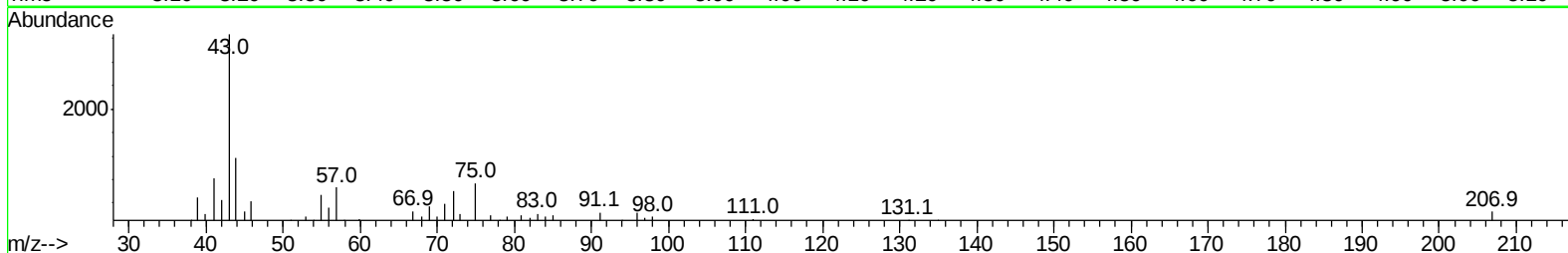
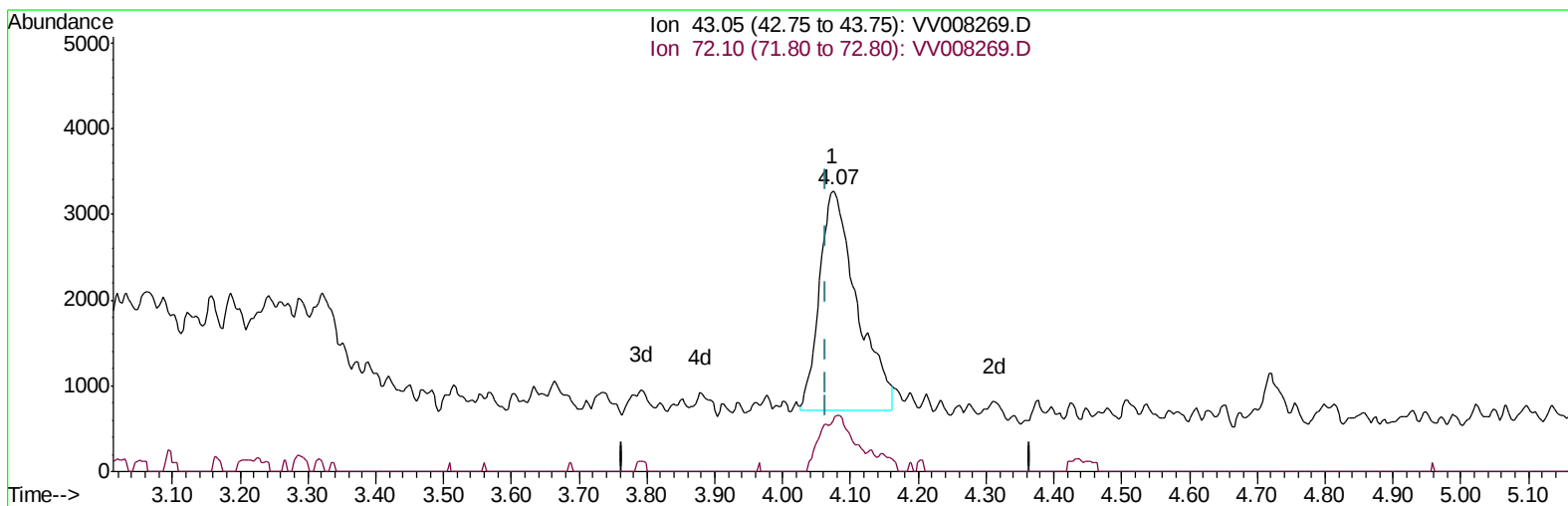
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TIC: VV008269.D

(21) 2-Butanone (T)

4.074min (+0.010) 4.89ug/L m

response 9809

Ion	Exp%	Act%
43.05	100	100
72.10	25.80	14.08
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	114572	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3131m	0.45	ug/L	0.00
7) Chloroethane-d5	1.59	69	2288	0.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	5872	0.44	ug/L	0.00
20) 2-Butanone-d5	3.99	46	10453m	5.79	ug/L	0.02
24) Chloroform-d	4.40	84	8148	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	3547	0.49	ug/L	0.00
32) Benzene-d6	5.10	84	15376	0.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	4676	0.54	ug/L	0.00
41) Toluene-d8	7.36	98	12672	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2041	0.67	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	5844	4.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	3507	0.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	4001	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3642	0.466 ug/L	91
3) Chloromethane	1.25	50	4593	0.660 ug/L	99
5) Vinyl chloride	1.32	62	3382	0.452 ug/L	93
6) Bromomethane	1.54	94	2119	0.575 ug/L	97
8) Chloroethane	1.60	64	2191	0.456 ug/L #	74
9) Trichlorofluoromethane	1.77	101	4566	0.378 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2772	0.391 ug/L #	88
12) 1,1-Dichloroethene	2.14	96	2460	0.408 ug/L	97
13) Acetone	2.23	43	4279m	3.676 ug/L	
14) Carbon disulfide	2.32	76	8454	0.517 ug/L #	85
15) Methyl Acetate	2.48	43	660m	0.243 ug/L	
16) Methylene chloride	2.53	84	3891	0.533 ug/L	84
17) Methyl tert-butyl Ether	2.82	73	6391	0.410 ug/L #	87
18) trans-1,2-Dichloroethene	2.79	96	3078	0.467 ug/L	91
19) 1,1-Dichloroethane	3.23	63	5672	0.450 ug/L #	83
21) 2-Butanone	4.07	43	9809m	4.887 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	4227	0.532 ug/L #	85
23) Bromochloromethane	4.31	128	1760	0.508 ug/L	91
25) Chloroform	4.43	83	6729	0.476 ug/L	96
27) 1,2-Dichloroethane	5.19	62	4064	0.489 ug/L #	89
29) 1,1,1-Trichloroethane	4.66	97	6587	0.579 ug/L	91
30) Cyclohexane	4.72	56	7298	0.689 ug/L	99
31) Carbon tetrachloride	4.87	117	4785	0.473 ug/L	97
33) Benzene	5.15	78	15374	0.569 ug/L	100
34) Trichloroethene	5.96	95	4936	0.629 ug/L	92
35) Methylcyclohexane	6.17	83	7274	0.636 ug/L	92
37) 1,2-Dichloropropane	6.23	63	4297	0.583 ug/L #	95
38) Bromodichloromethane	6.56	83	4514	0.510 ug/L	92
39) cis-1,3-Dichloropropene	7.08	75	6098	0.633 ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	23800	5.566 ug/L	96

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

42) Toluene	7.43	91	15493	0.546	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	4241	0.545	ug/L	84
45) 1,1,2-Trichloroethane	7.89	97	2780	0.558	ug/L	93
47) Tetrachloroethene	8.03	164	2454	0.379	ug/L	95
48) 2-Hexanone	8.20	43	17915	6.050	ug/L	95
49) Dibromochloromethane	8.29	129	2727	0.445	ug/L	99
50) 1,2-Dibromoethane	8.40	107	2397	0.526	ug/L #	91
51) Chlorobenzene	8.93	112	9677	0.503	ug/L	95
52) Ethylbenzene	9.06	91	17111	0.551	ug/L	97
53) m,p-xylene	9.18	106	6052	0.518	ug/L	94
54) o-xylene	9.59	106	6120	0.545	ug/L	94
55) Styrene	9.61	104	9255	0.493	ug/L	96
56) Isopropylbenzene	9.98	105	15370	0.505	ug/L #	94
58) 1,1,2,2-Tetrachloroethane	10.29	83	2361	0.406	ug/L #	88
59) 1,2,3-Trichloropropane	10.32	75	2087	0.492	ug/L	99
61) Bromoform	9.78	173	1181	0.463	ug/L #	93
62) 1,3-Dichlorobenzene	11.23	146	5615	0.459	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	5697	0.464	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	5553	0.471	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	371	0.558	ug/L #	65
67) 1,3,5-Trichlorobenzene	12.70	180	3410	0.345	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	1993	0.275	ug/L #	91
69) Naphthalene	13.56	128	3993	0.398	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	1946	0.280	ug/L	92

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

