

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012921\
 Data File : VV020207.D
 Acq On : 28 Jan 2021 09:46
 Operator : SY/MD
 Sample : VSTD0.563
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5702

Manual Integrations
 APPROVED

MMDadoda

2/1/2021 1:51:05 PM

Quant Time: Jan 28 11:57:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 11:45:21 2021
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.621	114	440458	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.858	117	428020	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	231586	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.303	65	15470	0.50 ug/L	0.00
7) Chloroethane-d5	1.563	69	13902	0.52 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	24325	0.56 ug/L	0.00
20) 2-Butanone-d5	3.971	46	29194m	4.66 ug/L	0.05
24) Chloroform-d	4.354	84	31137	0.52 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.045	65	15135	0.51 ug/L	0.00
32) Benzene-d6	5.058	84	55887	0.49 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	15932	0.47 ug/L	0.00
41) Toluene-d8	7.322	98	50154	0.48 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	5400	0.43 ug/L	0.00
46) 2-Hexanone-d5	8.106	63	21721	4.18 ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.225	84	9740	0.43 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	20572	0.51 ug/L	0.00
Target Compounds					
					Qvalue
2) Dichlorodifluoromethane	1.129	85	22963	0.53 ug/L	98
3) Chloromethane	1.238	50	23686	0.56 ug/L	97
5) Vinyl chloride	1.309	62	21962	0.54 ug/L	94
6) Bromomethane	1.518	94	13367	0.57 ug/L	94
8) Chloroethane	1.582	64	12288	0.51 ug/L	95
9) Trichlorofluoromethane	1.749	101	26610	0.54 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	14392	0.57 ug/L #	81
12) 1,1-Dichloroethene	2.116	96	13731	0.56 ug/L	75
13) Acetone	2.241	43	18183	4.81 ug/L	96
14) Carbon disulfide	2.290	76	51624	0.56 ug/L	97
15) Methyl Acetate	2.460	43	4454m	0.41 ug/L	
16) Methylene chloride	2.508	84	18789	0.58 ug/L	93
17) Methyl tert-butyl Ether	2.775	73	33928	0.50 ug/L	97
18) trans-1,2-Dichloroethene	2.762	96	16829	0.52 ug/L	96
19) 1,1-Dichloroethane	3.193	63	31286	0.54 ug/L	99
21) 2-Butanone	4.045	43	31809m	4.74 ug/L	
22) cis-1,2-Dichloroethene	3.923	96	17178	0.51 ug/L	84
23) Bromochloromethane	4.257	128	7384	0.51 ug/L #	88
25) Chloroform	4.386	83	31815	0.53 ug/L	98
27) 1,2-Dichloroethane	5.148	62	17696	0.49 ug/L	100
29) 1,1,1-Trichloroethane	4.608	97	26776	0.50 ug/L	97
30) Cyclohexane	4.679	56	25506	0.50 ug/L	99
31) Carbon tetrachloride	4.830	117	24425	0.52 ug/L	100
33) Benzene	5.106	78	64087	0.51 ug/L	100
34) Trichloroethene	5.923	95	18549	0.53 ug/L	88
35) Methylcyclohexane	6.135	83	26288	0.50 ug/L	98
37) 1,2-Dichloropropane	6.180	63	16210	0.53 ug/L #	93
38) Bromodichloromethane	6.521	83	20559	0.51 ug/L	90
39) cis-1,3-Dichloropropene	7.039	75	18489	0.43 ug/L	97
40) 4-Methyl-2-pentanone	7.238	43	81710	4.80 ug/L	99
42) Toluene	7.396	91	66093	0.49 ug/L	98
44) trans-1,3-Dichloropropene	7.662	75	15991	0.45 ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.846	97	11311	0.53	ug/L	96
47) Tetrachloroethene	7.981	164	15574	0.52	ug/L	93
48) 2-Hexanone	8.154	43	53968	4.57	ug/L	98
49) Dibromochloromethane	8.251	129	11923	0.47	ug/L	98
50) 1,2-Dibromoethane	8.363	107	10139	0.50	ug/L #	98
51) Chlorobenzene	8.887	112	46310	0.52	ug/L	92
52) Ethylbenzene	9.019	91	74883	0.50	ug/L	100
53) m,p-xylene	9.145	106	26786	0.48	ug/L	96
54) o-xylene	9.550	106	25813	0.48	ug/L	96
55) Styrene	9.569	104	42474	0.46	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.251	83	10094	0.44	ug/L #	99
59) Bromoform	9.739	173	6210	0.46	ug/L	92
60) Isopropylbenzene	9.939	105	71316	0.52	ug/L	98
61) 1,2,3-Trichloropropane	10.283	75	7699	0.47	ug/L	96
62) 1,3,5-Trimethylbenzene	10.547	105	51759	0.45	ug/L	94
63) 1,2,4-Trimethylbenzene	10.920	105	55578	0.47	ug/L	99
64) 1,3-Dichlorobenzene	11.190	146	38234	0.53	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	39815	0.55	ug/L	98
67) 1,2-Dichlorobenzene	11.653	146	33392	0.51	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.440	75	1979	0.52	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.656	180	33324	0.54	ug/L	96
70) 1,2,4-trichlorobenzene	13.273	180	25410	0.50	ug/L	96
71) Naphthalene	13.514	128	28058	0.41	ug/L	98
72) 1,2,3-Trichlorobenzene	13.752	180	22079	0.49	ug/L	97

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

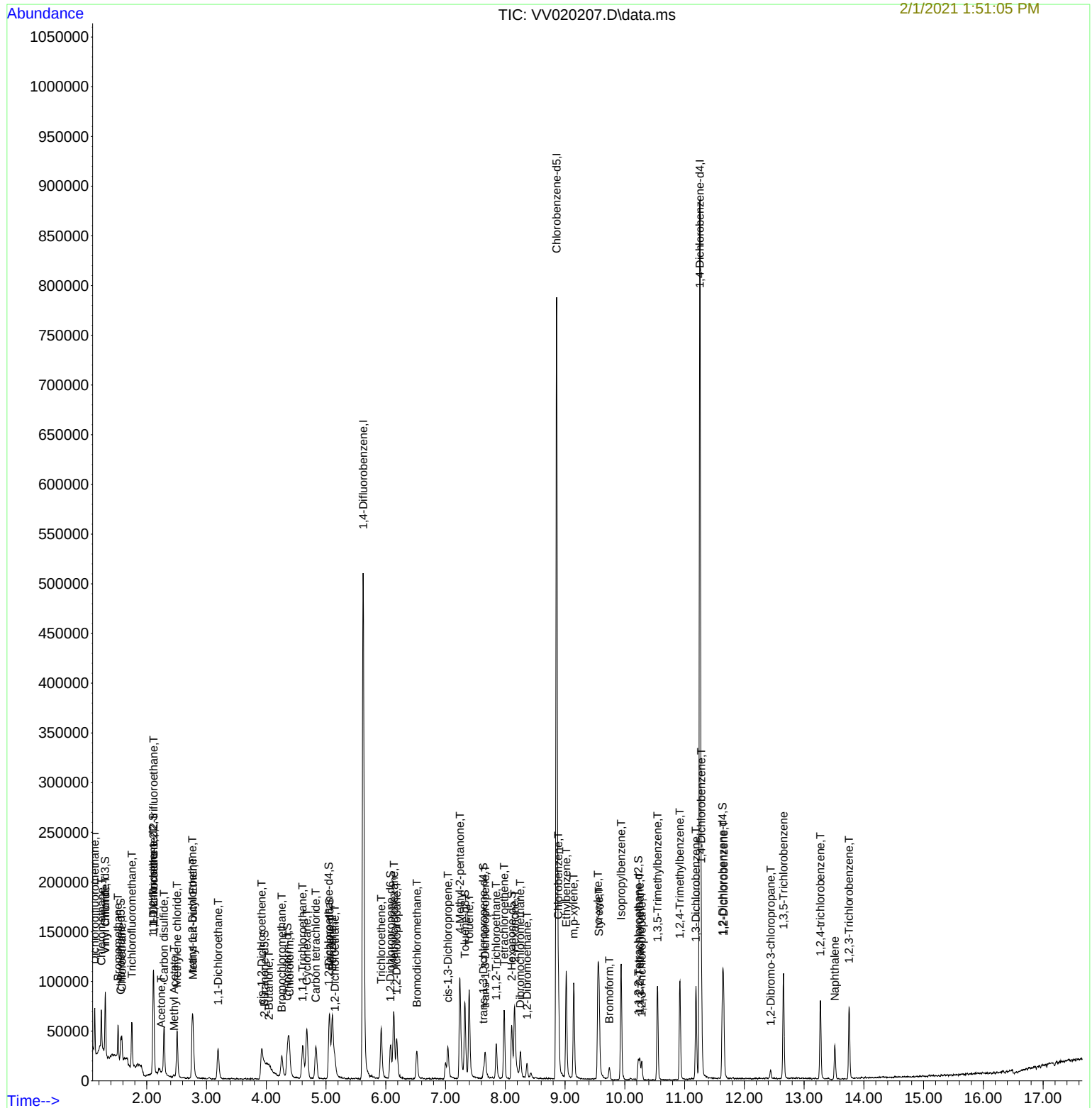
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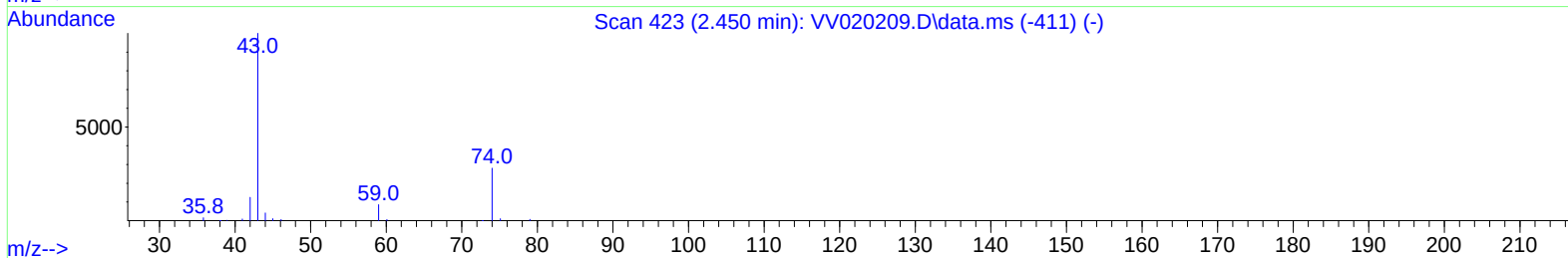
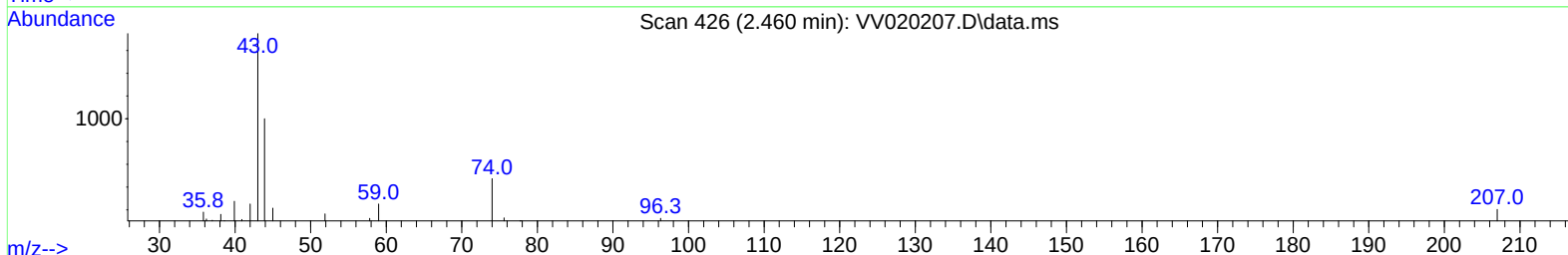
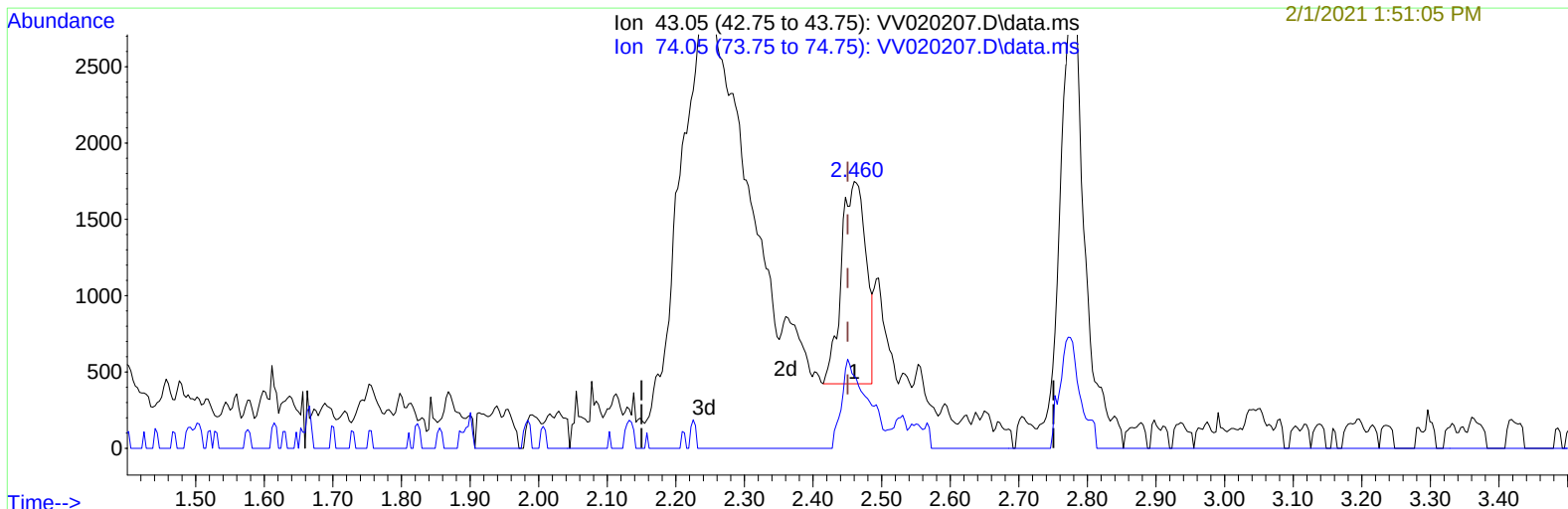
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TIC: VV020207.D\data.ms

(15) Methyl Acetate (T)

2.460min (+ 0.010) 0.31 ug/L

response 3324

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	13.30	45.19#
0.00	0.00	0.00
0.00	0.00	0.00

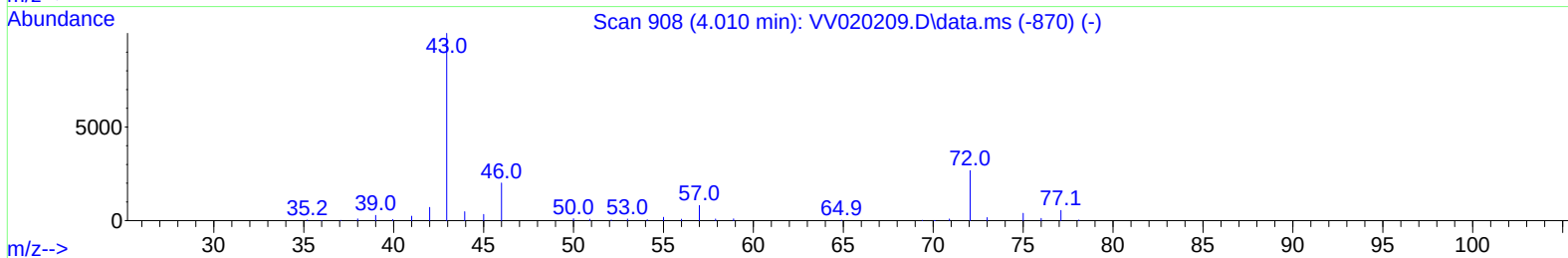
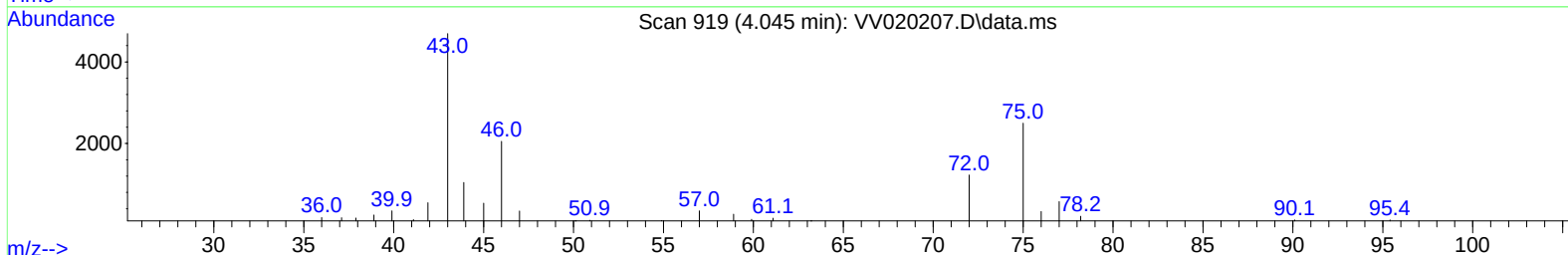
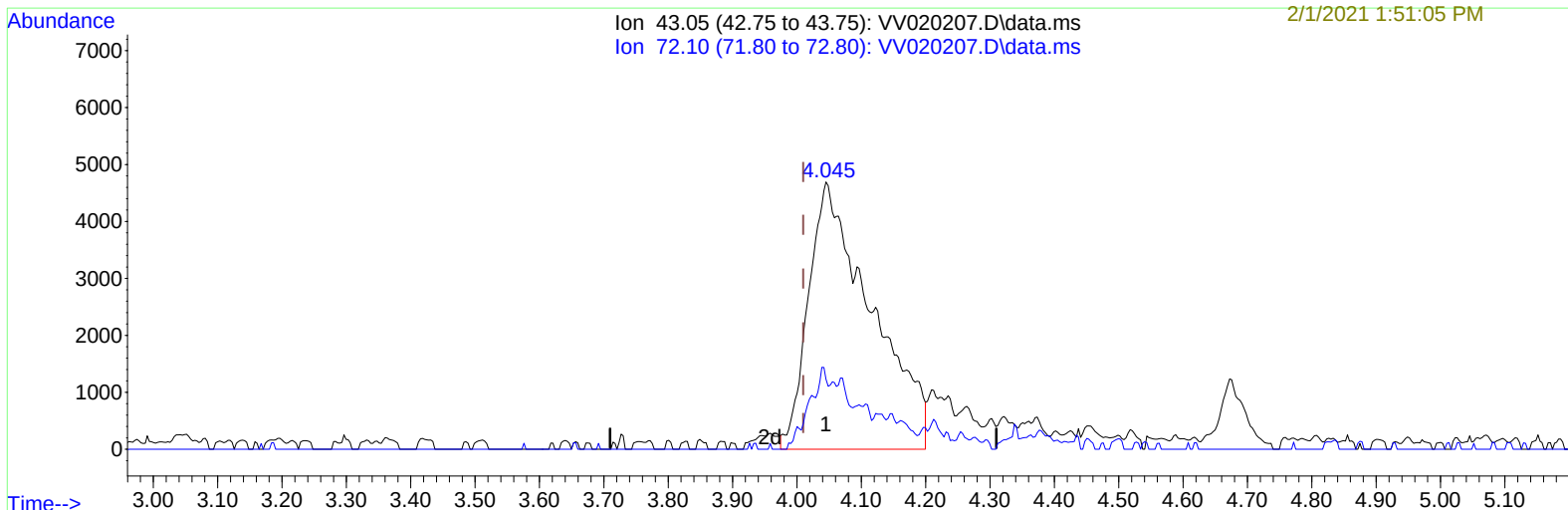
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(21) 2-Butanone (T)

4.045min (+ 0.035) 4.74 ug/L m

response 31809

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	21.80	8.89#
0.00	0.00	0.00
0.00	0.00	0.00

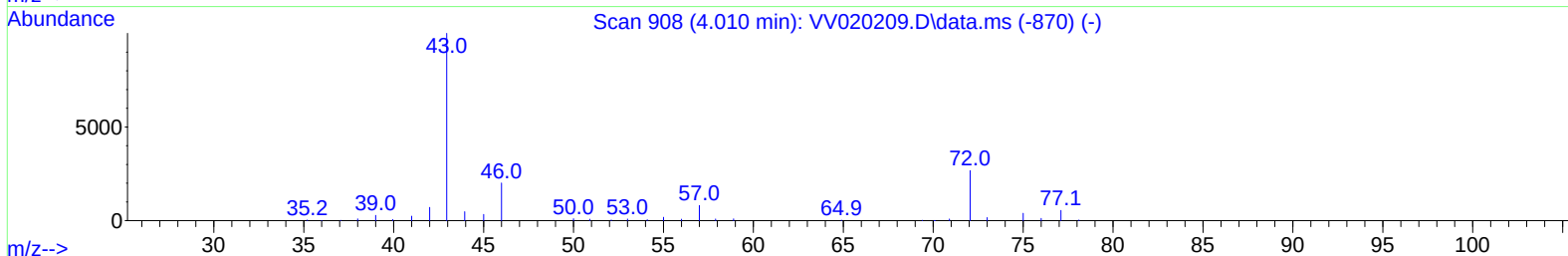
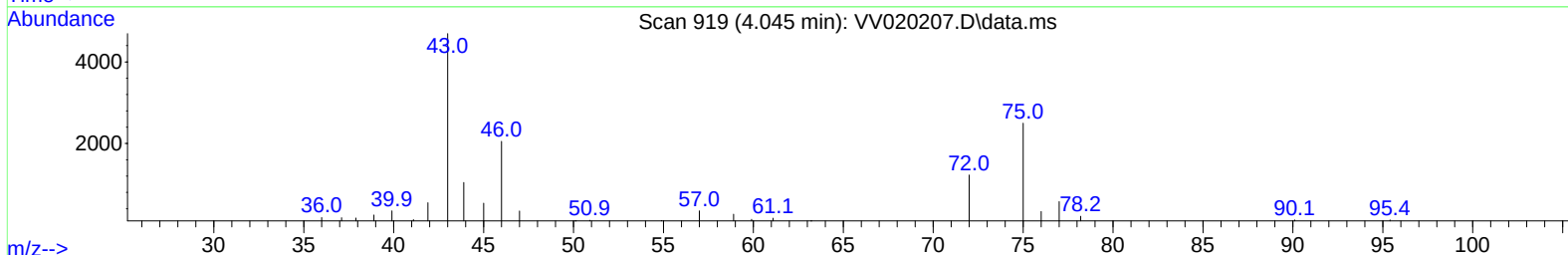
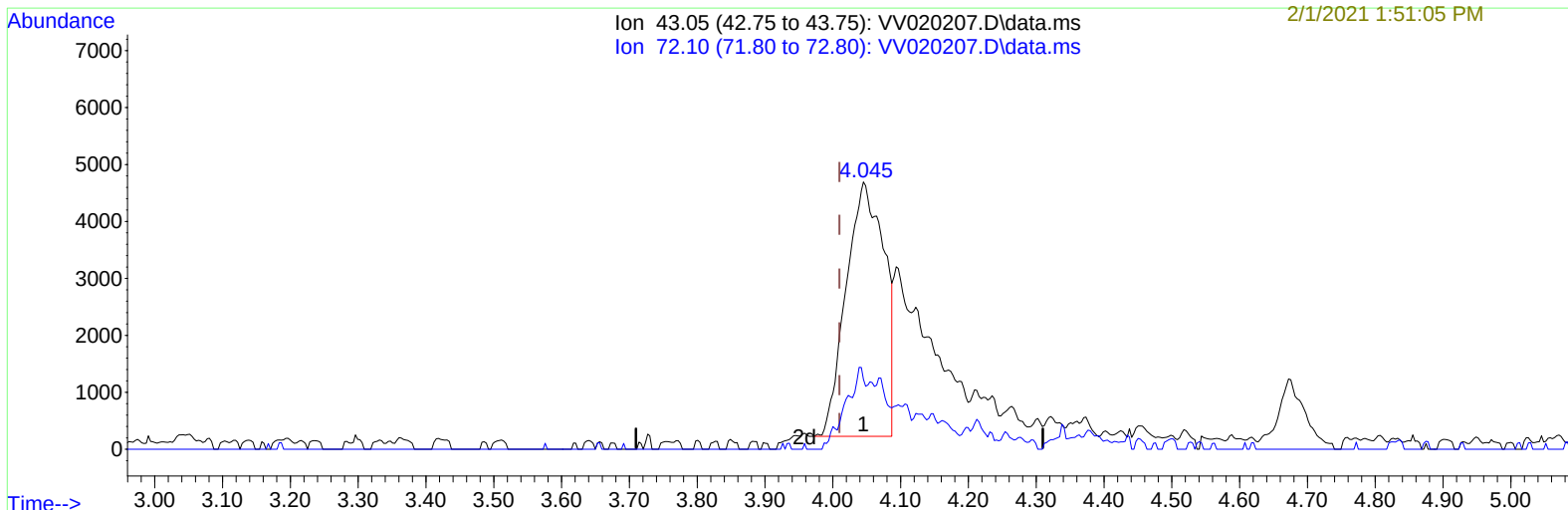
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(21) 2-Butanone (T)

4.045min (+ 0.035) 2.59 ug/L

response 17385

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	21.80	16.27
0.00	0.00	0.00
0.00	0.00	0.00

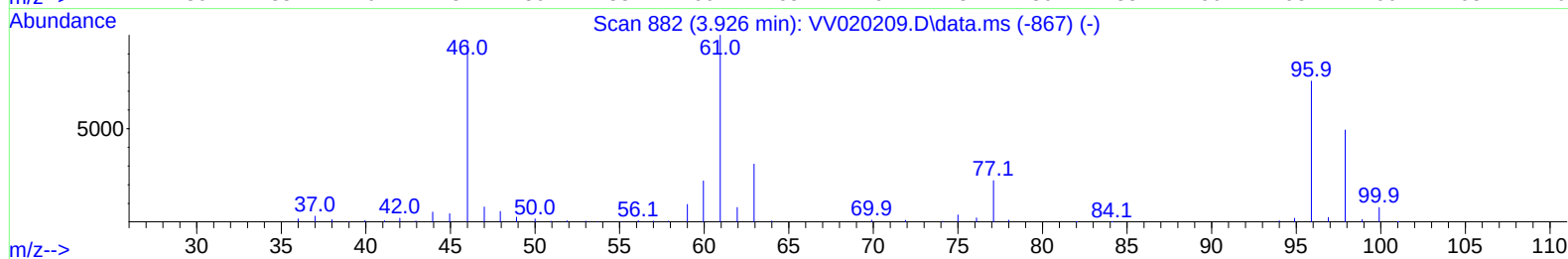
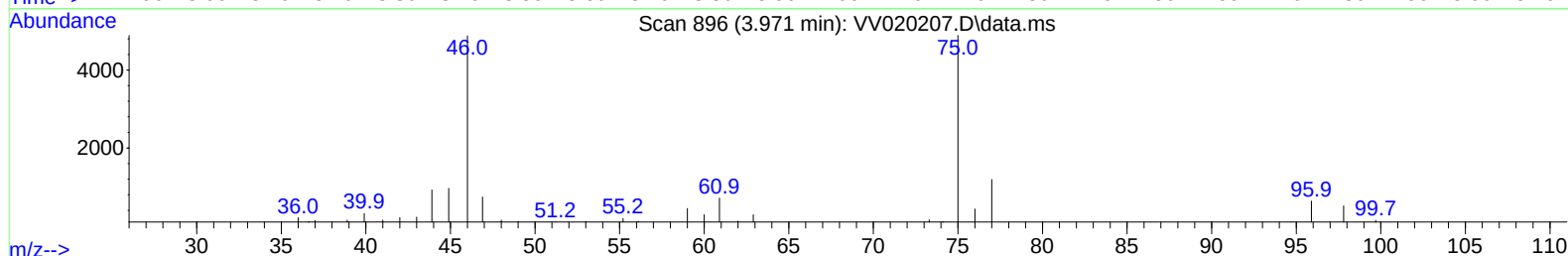
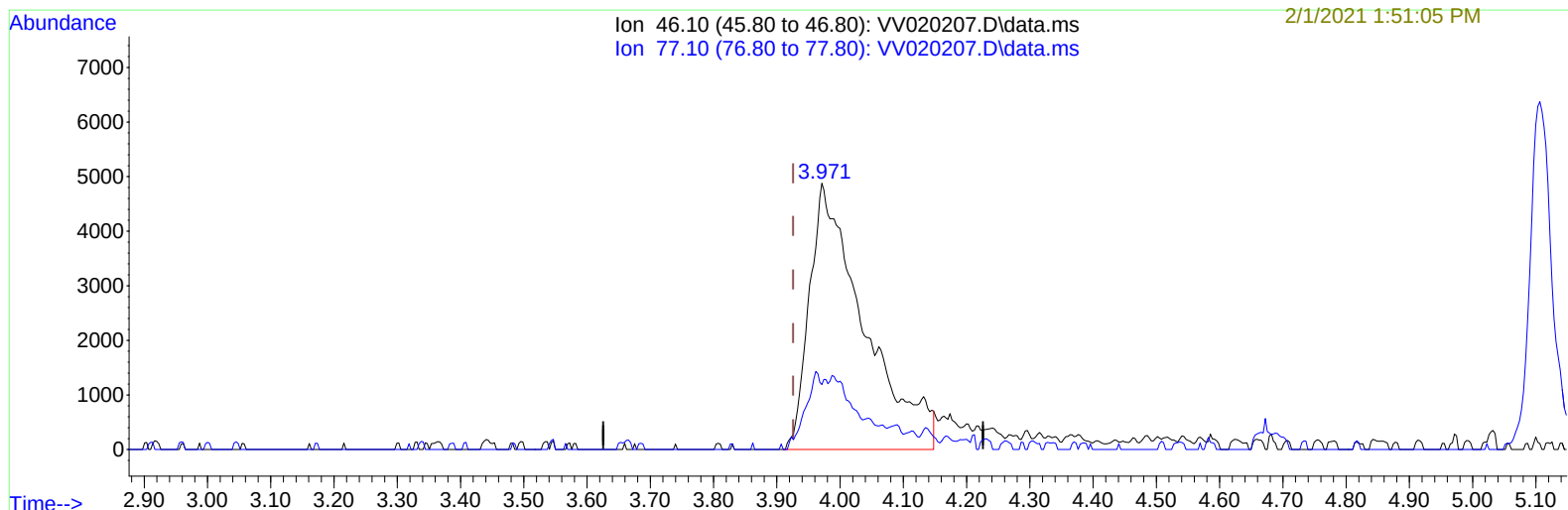
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(20) 2-Butanone-d5 (S)

3.971min (+ 0.045) 4.66 ug/L m

response 29194

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	23.00	8.55#
0.00	0.00	0.00
0.00	0.00	0.00

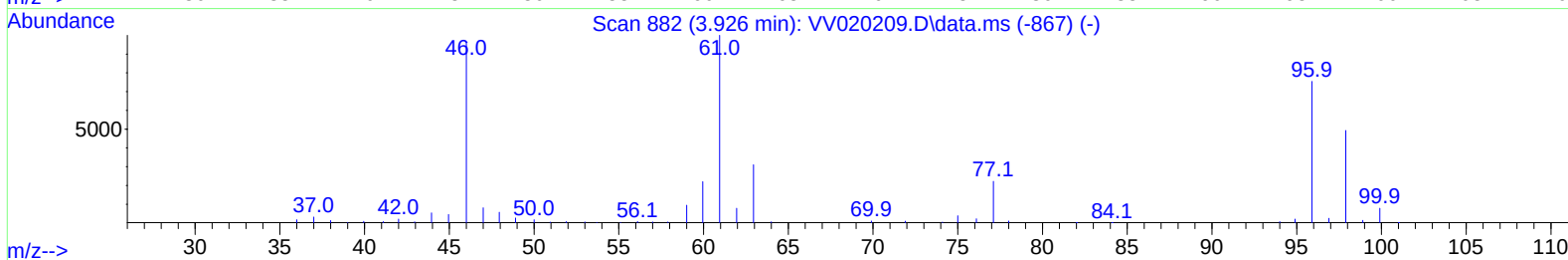
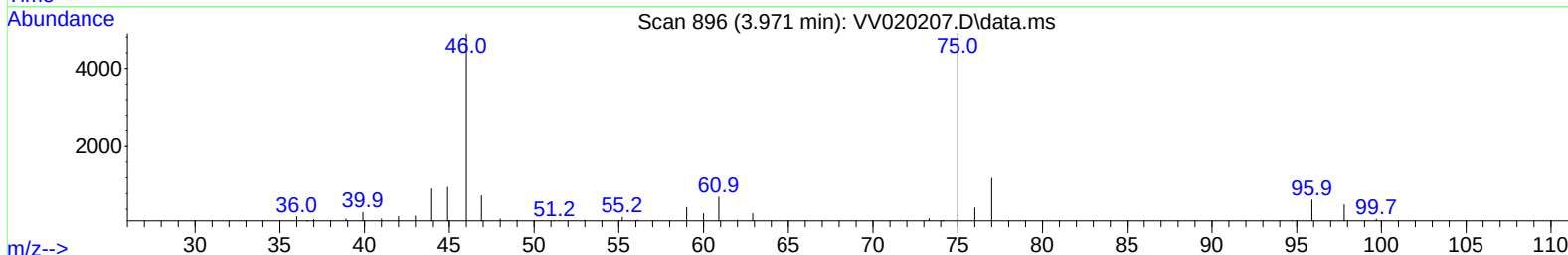
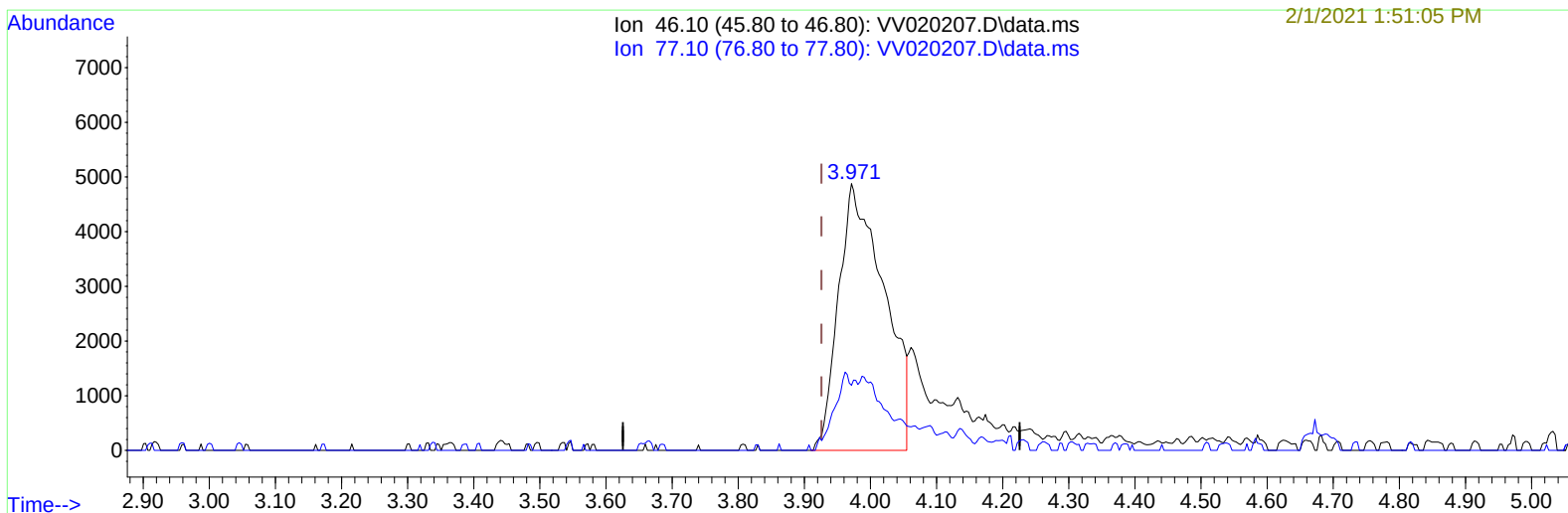
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(20) 2-Butanone-d5 (S)

3.971min (+ 0.045) 3.72 ug/L

response 23308

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	23.00	10.70#
0.00	0.00	0.00
0.00	0.00	0.00

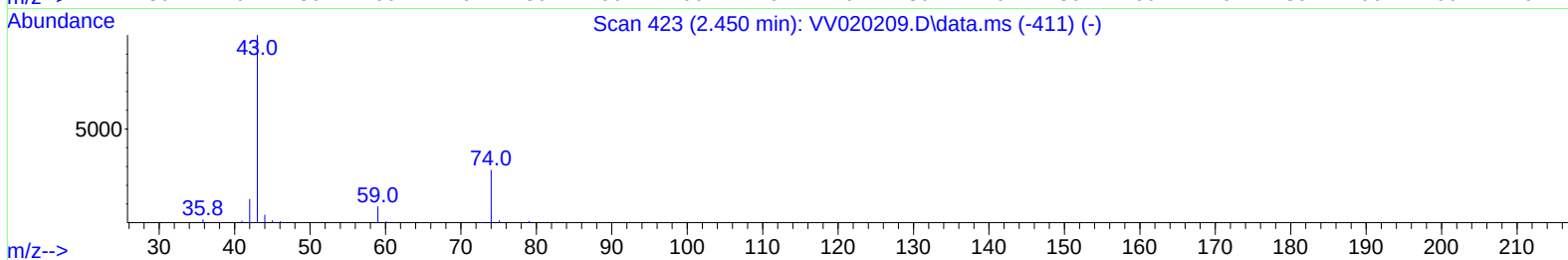
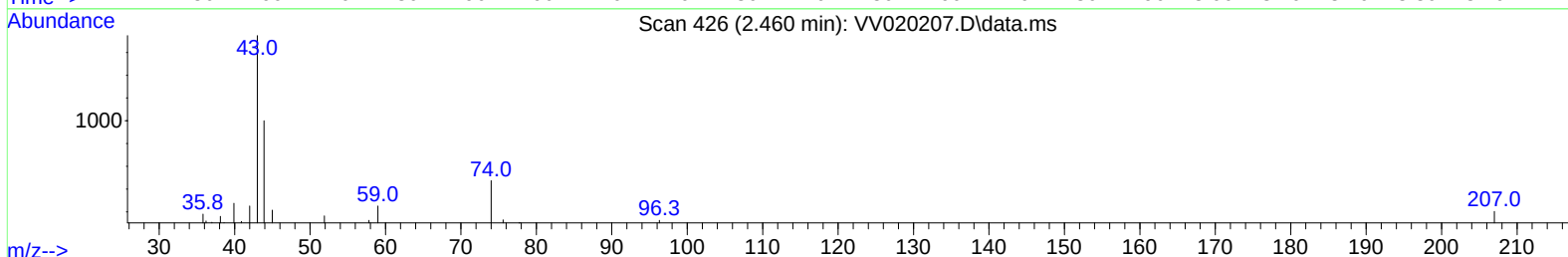
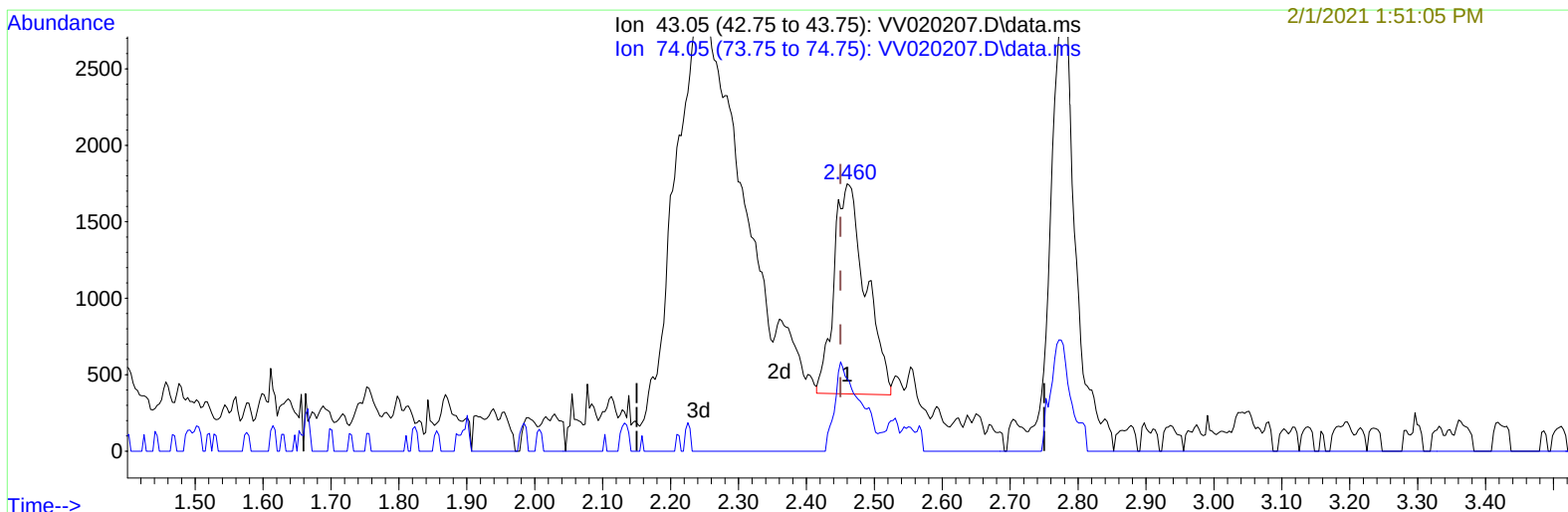
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(15) Methyl Acetate (T)

2.460min (+ 0.010) 0.41 ug/L m

response 4454

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	13.30	33.72#
0.00	0.00	0.00
0.00	0.00	0.00