

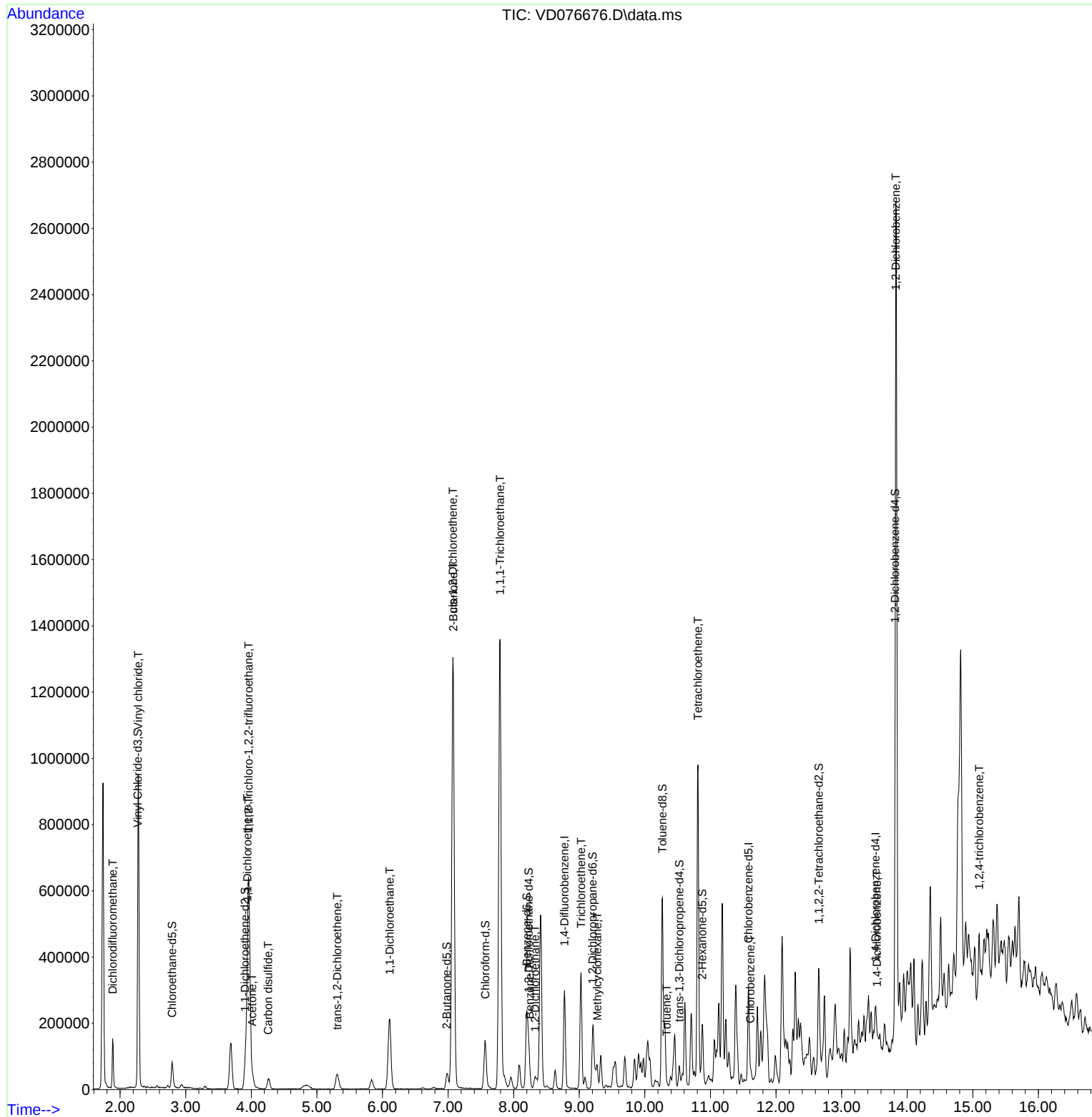
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076676.D
Acq On : 30 Jun 2023 21:26
Operator : KP/SY
Sample : 03472-12RE
Misc : 4.72G/10.0ml/MSVOA_D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S4RE

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:32:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



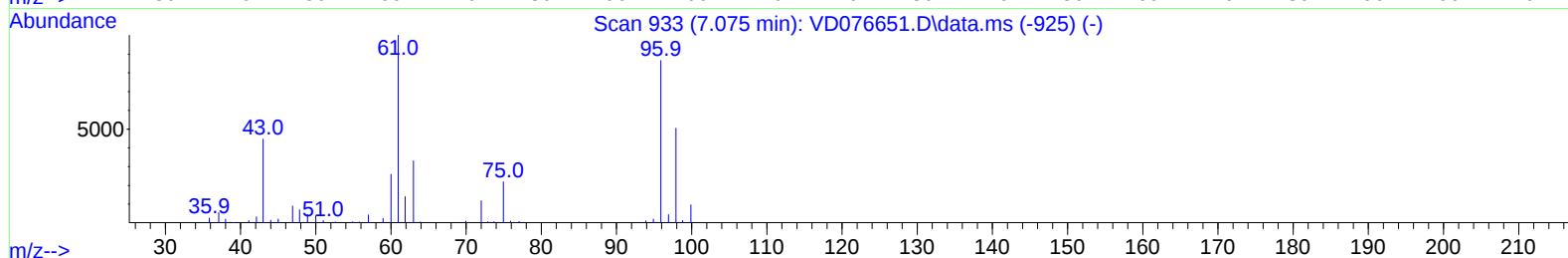
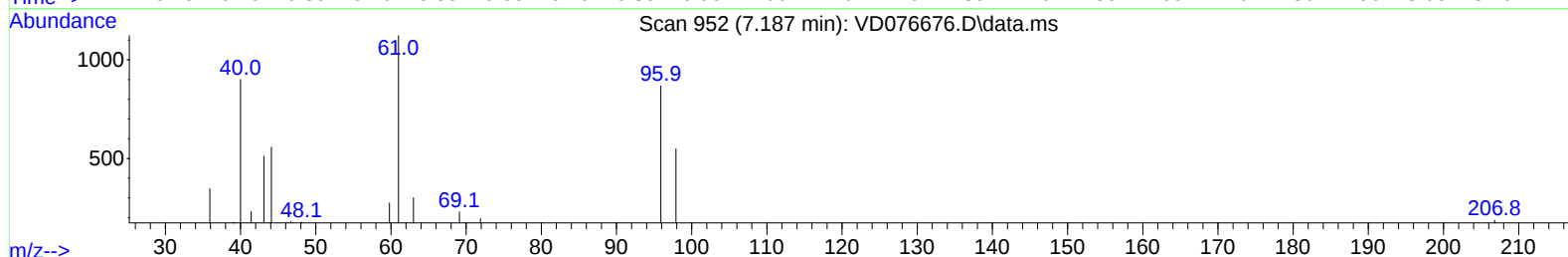
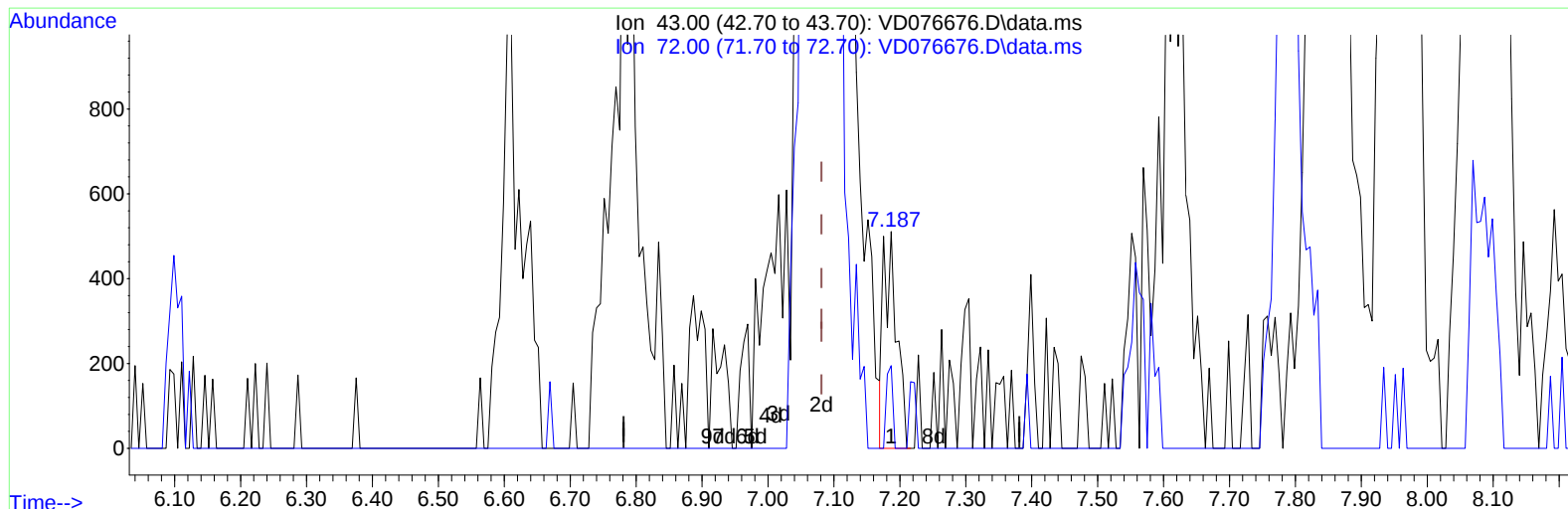
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(22) 2-Butanone (T)

7.187min (+ 0.106) 0.57 ug/L

response 696

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.80	18.82
0.00	0.00	0.00
0.00	0.00	0.00

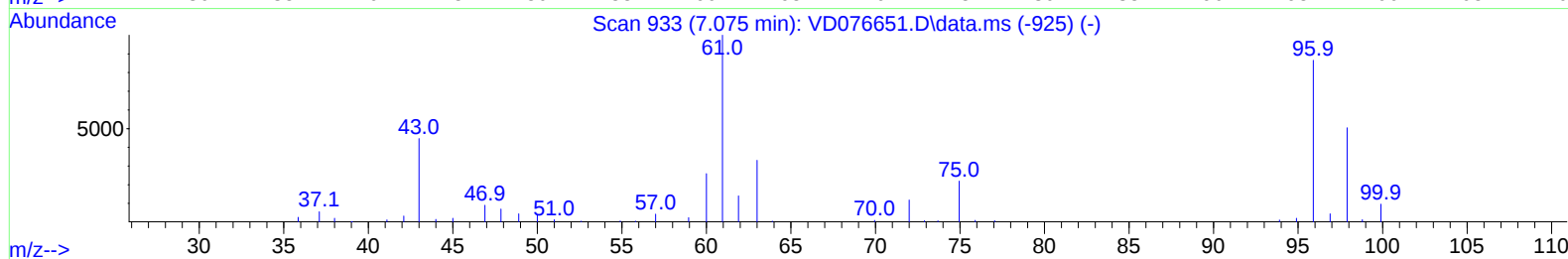
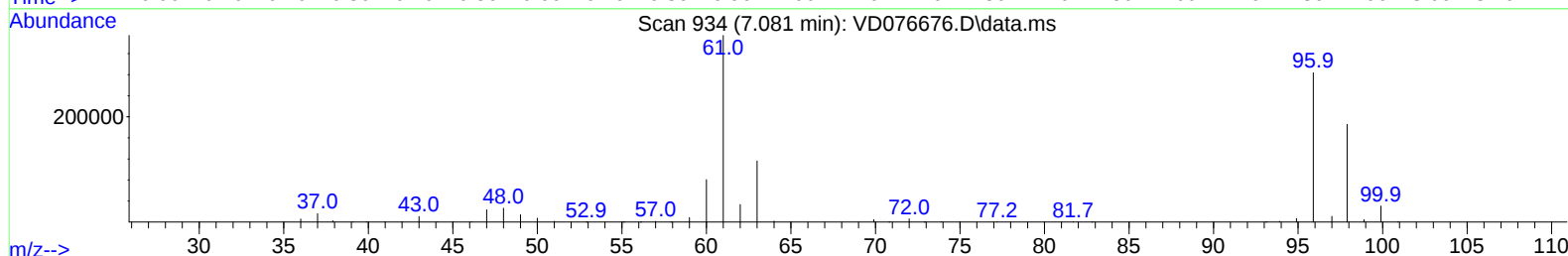
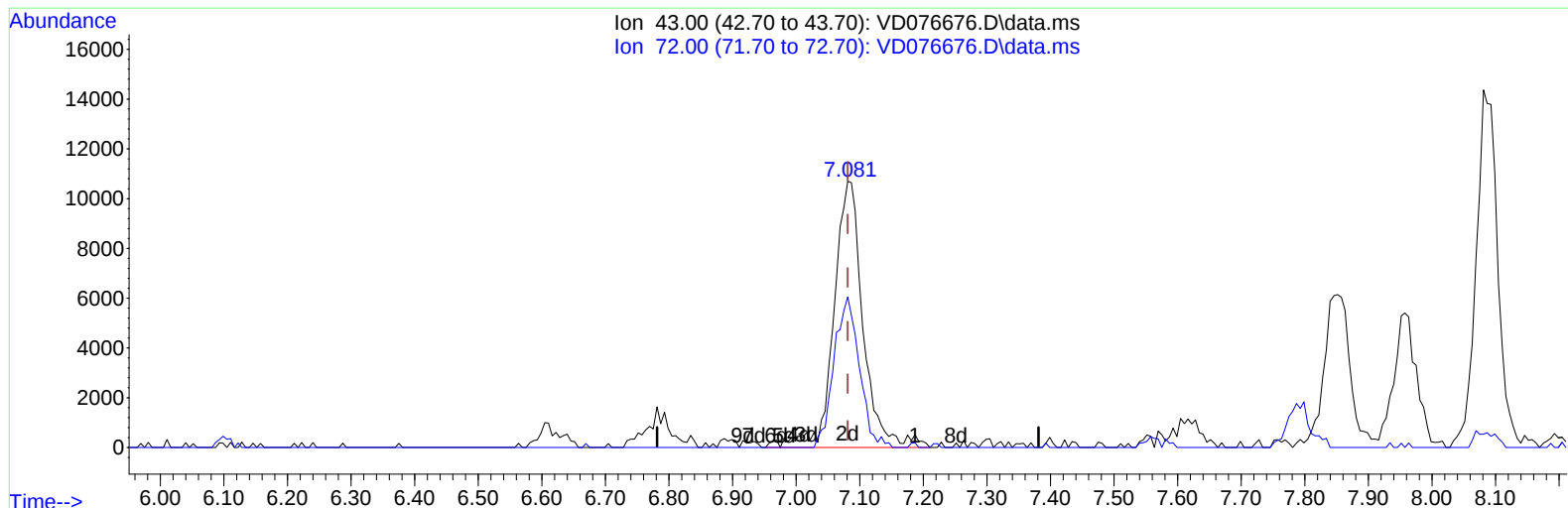
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(22) 2-Butanone (T)

7.081min (-0.000) 28.27 ug/L m

response 34485

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.80	0.38#
0.00	0.00	0.00
0.00	0.00	0.00

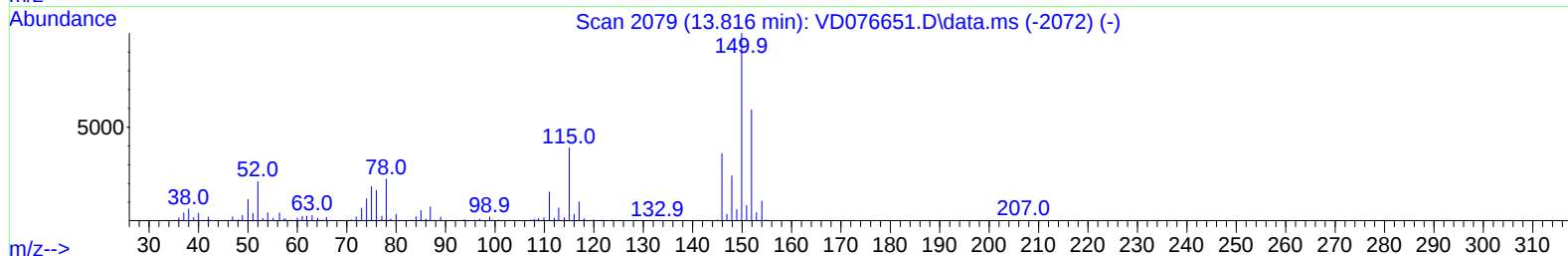
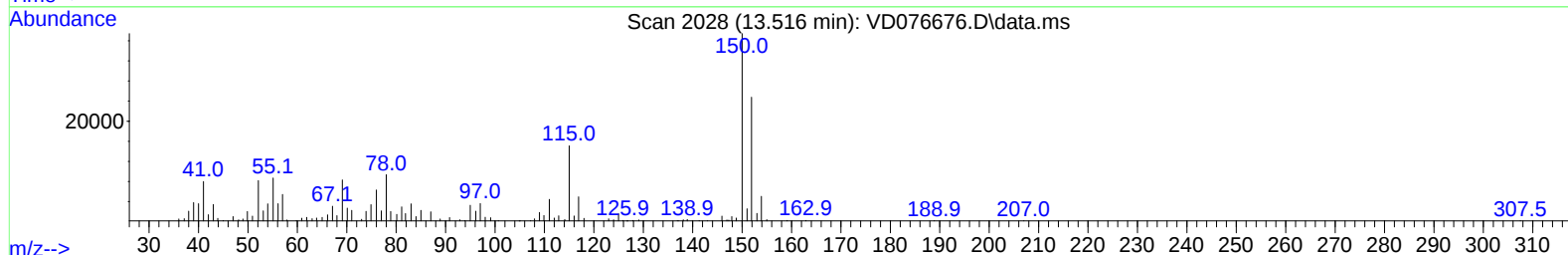
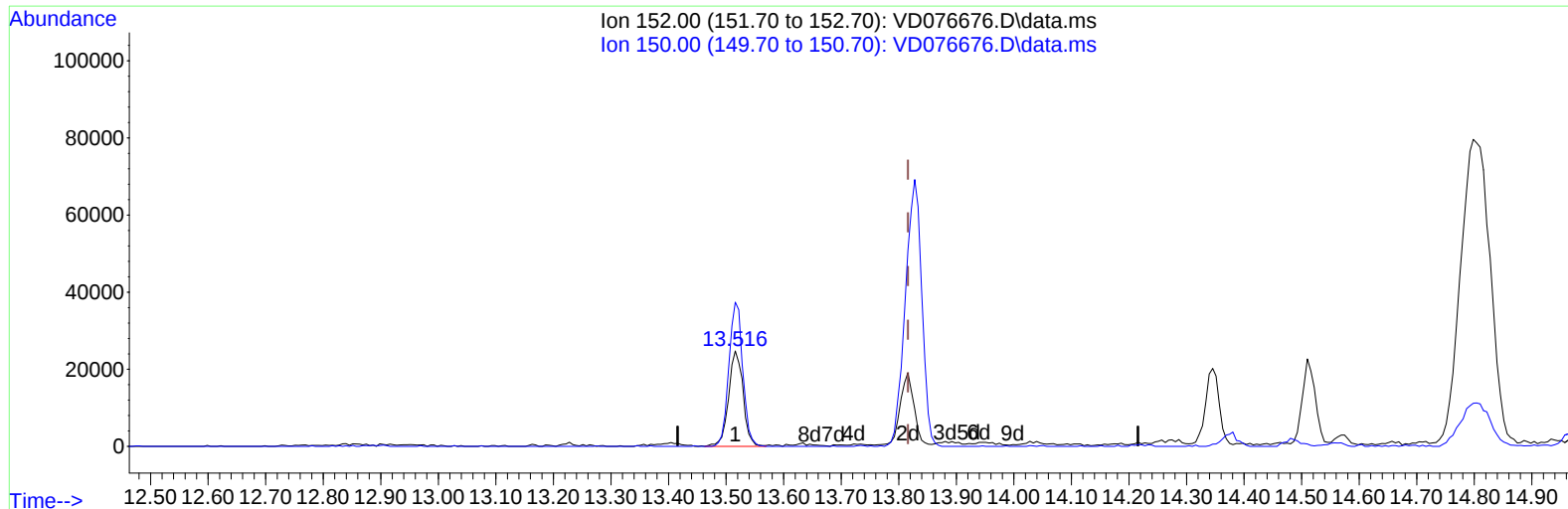
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TIC: VD076676.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.516min (-0.300) 27.28 ug/L

response 43220

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.90	144.38
0.00	0.00	0.00
0.00	0.00	0.00

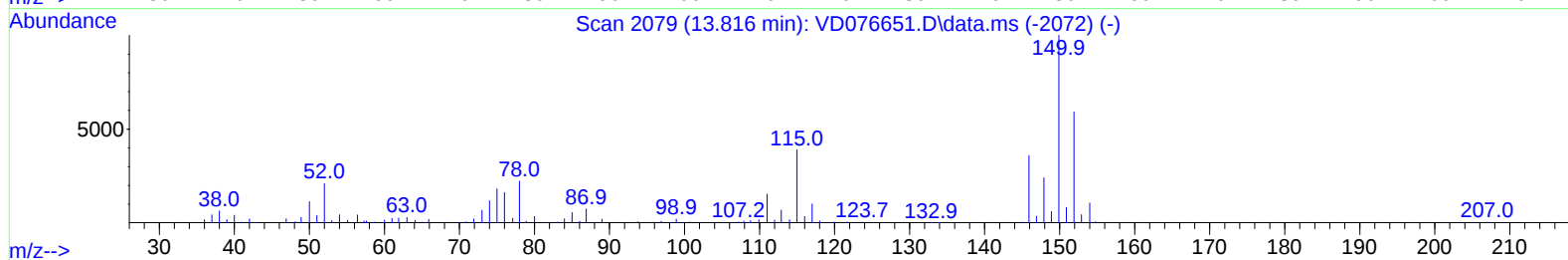
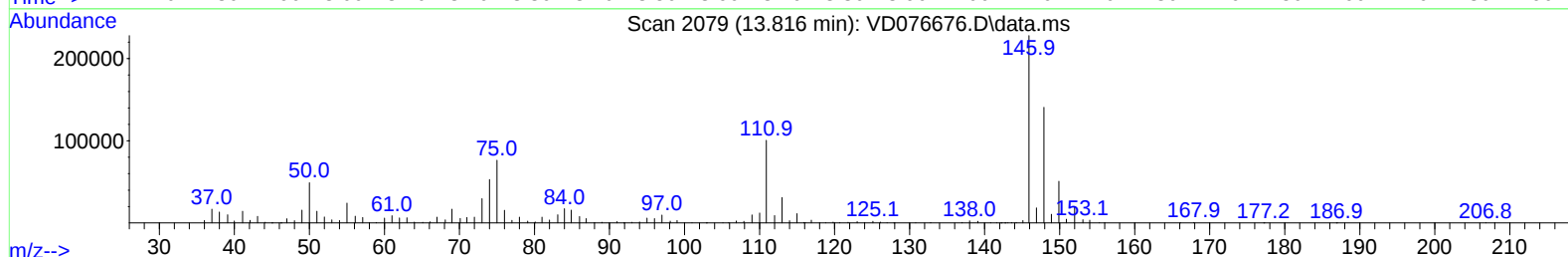
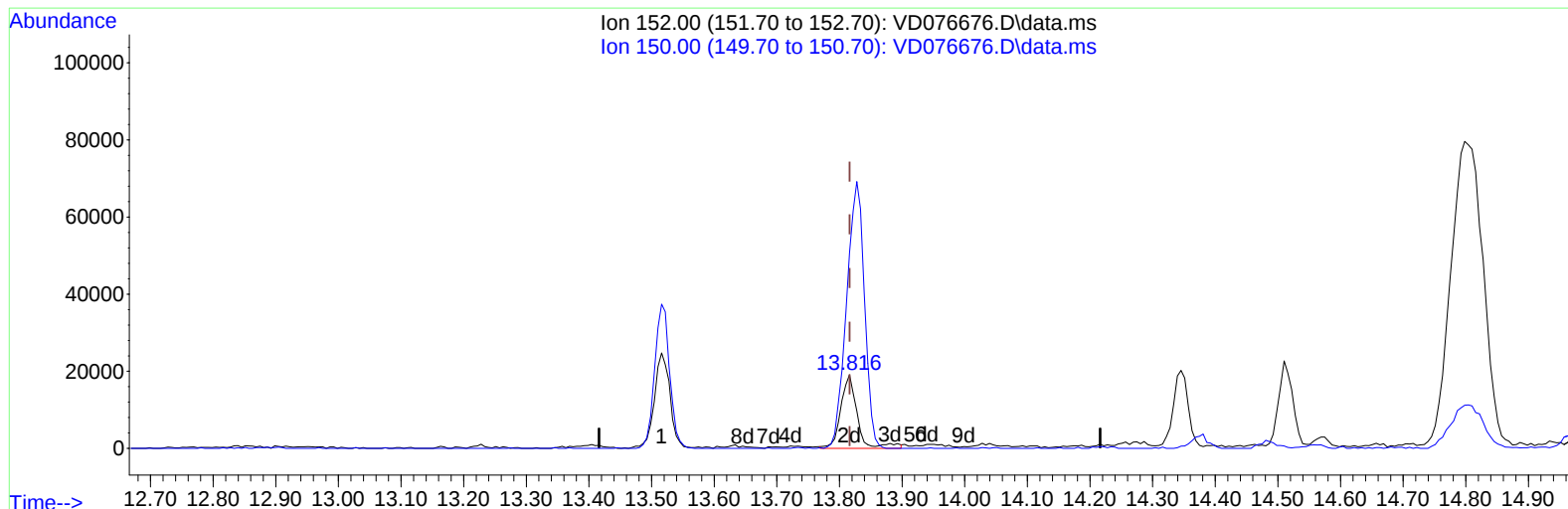
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TIC: VD076676.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.816min (-0.000) 22.03 ug/L m

response 34906

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.90	178.77
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	253762	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	160336	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	43220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	79421	12.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.400%
7) Chloroethane-d5	2.793	69	77270	15.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.840%
11) 1,1-Dichloroethene-d2	3.905	65	23904	14.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.280%
21) 2-Butanone-d5	6.981	46	83103	88.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.580%#
24) Chloroform-d	7.569	84	140824	21.064	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.240%
26) 1,2-Dichloroethane-d4	8.228	65	91036	27.602	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	8.199	84	240019	24.472	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	9.204	67	91224	29.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.560%
41) Toluene-d8	10.269	98	196703	21.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.528	79	30563	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.875	63	59407	122.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	244.480%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	81700	36.681	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.720%#
66) 1,2-Dichlorobenzene-d4	13.816	152	34906m	22.034	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.887	85	15444	3.906	ug/L	98
5) Vinyl chloride	2.275	62	790351	111.453	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	405624	121.961	ug/L	98
12) 1,1-Dichloroethene	3.940	96	12871	3.908	ug/L #	65
13) Acetone	4.016	43	56054	74.152	ug/L	79
14) Carbon disulfide	4.258	76	63679	5.334	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	22026	5.999	ug/L	87
19) 1,1-Dichloroethane	6.110	63	307641	45.828	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	802519	195.707	ug/L	98
22) 2-Butanone	7.081	43	34485m	28.268	ug/L	
27) 1,2-Dichloroethane	8.328	62	26129	6.485	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	1107758	297.403	ug/L	98
33) Benzene	8.246	78	12594	1.187	ug/L	100
34) Trichloroethene	9.028	95	110639	40.587	ug/L	96
35) Methylcyclohexane	9.275	83	18824	4.282	ug/L #	46
42) Toluene	10.334	91	7492	0.661	ug/L	87
46) Tetrachloroethene	10.810	164	209539	97.777	ug/L	92
51) Chlorobenzene	11.610	112	8844	1.249	ug/L	91
65) 1,4-Dichlorobenzene	13.539	146	12326	4.158	ug/L #	41

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	13.828	146		902600	344.504	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180		20327	11.646	ug/L #	85

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