

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021503.D
 Acq On : 20 Dec 2021 17:12
 Operator : SY/VA
 Sample : M5171-14
 Misc : 6.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB0

Manual IntegrationsAPPROVED

Quant Time: Dec 20 18:54:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

Reviewed By :Semsettin

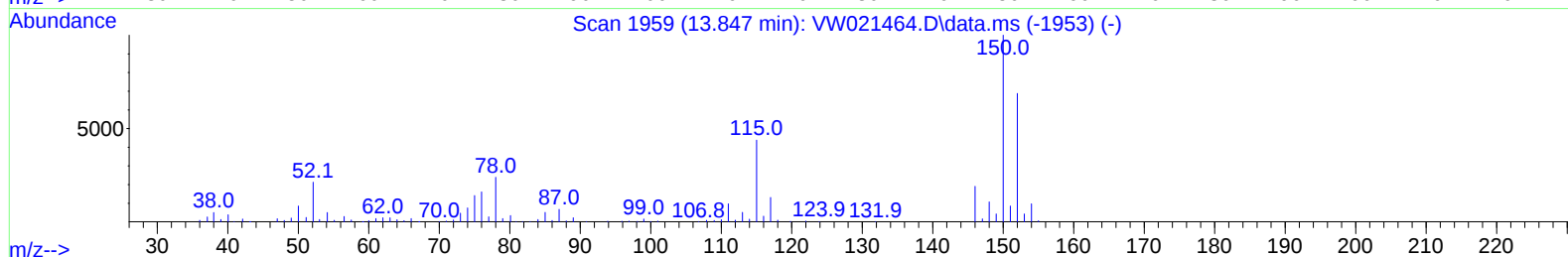
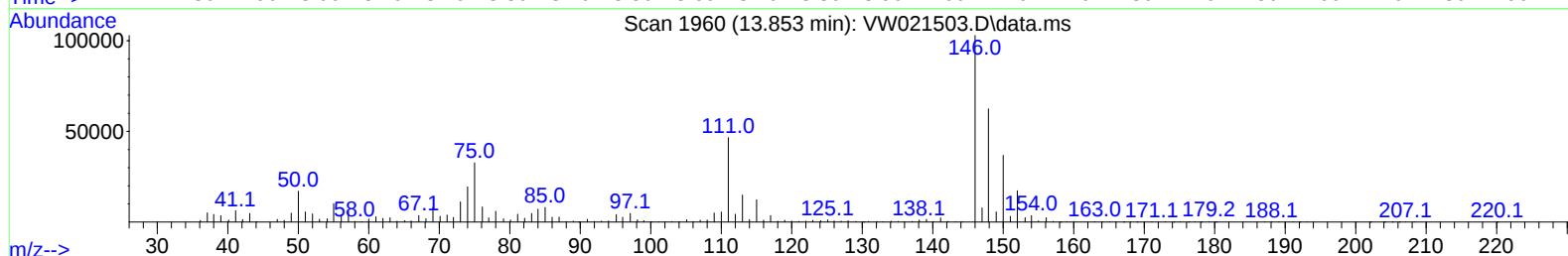
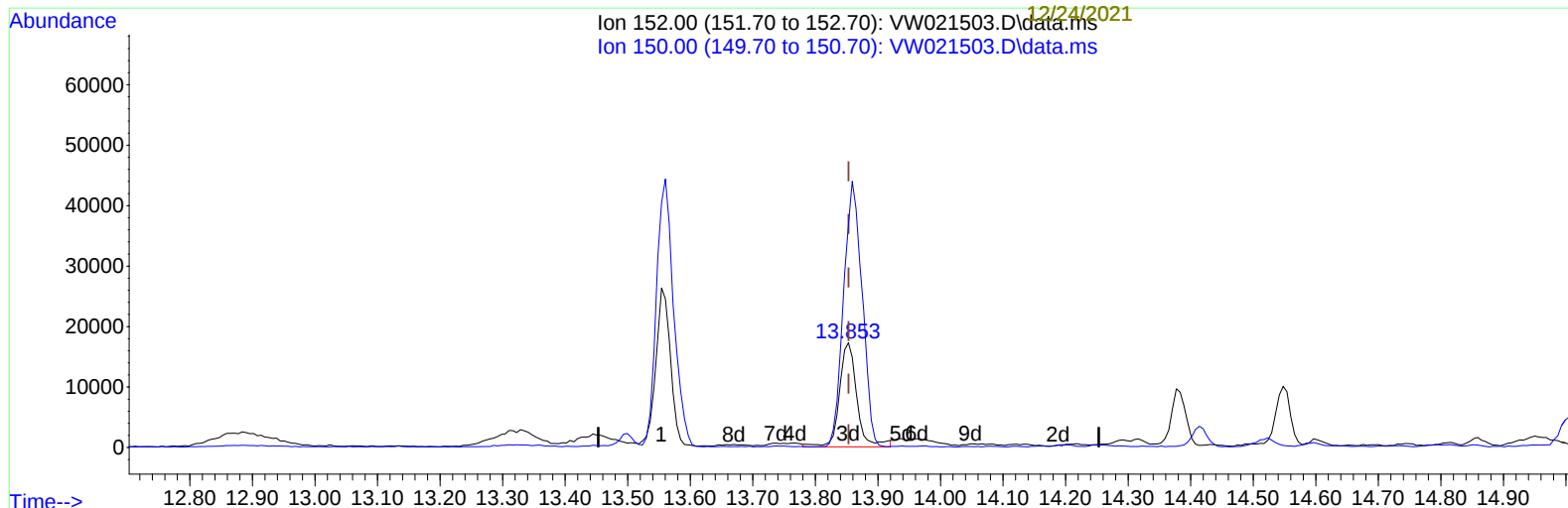
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Supervised By :Amit

Patel

12/24/2021



TIC: VW021503.D\data.ms

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

13.853min (-0.000) 20.17 ug/L m

response 33292

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	253.45#
0.00	0.00	0.00
0.00	0.00	0.00

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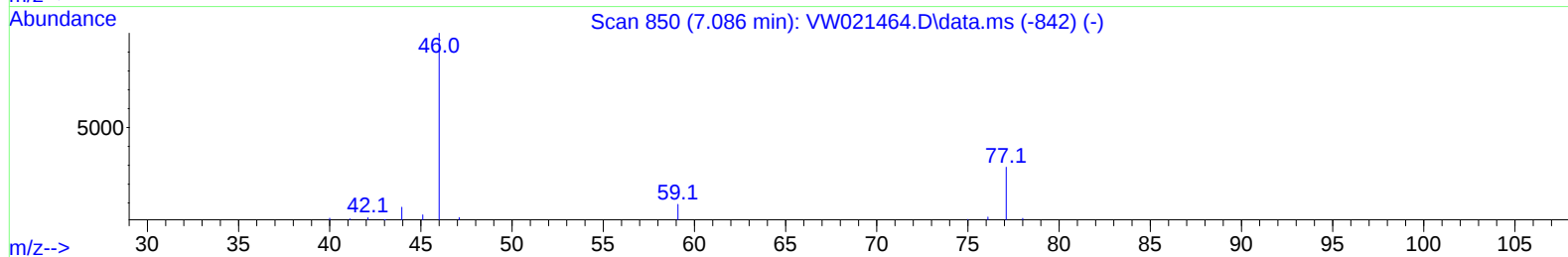
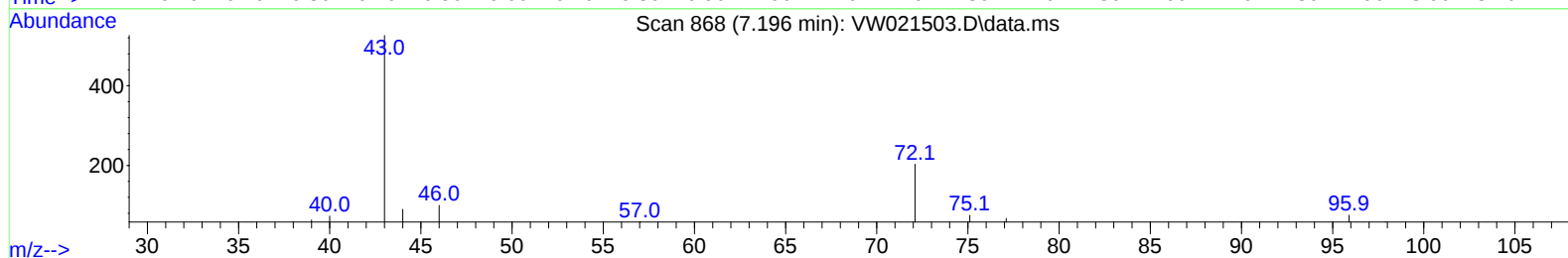
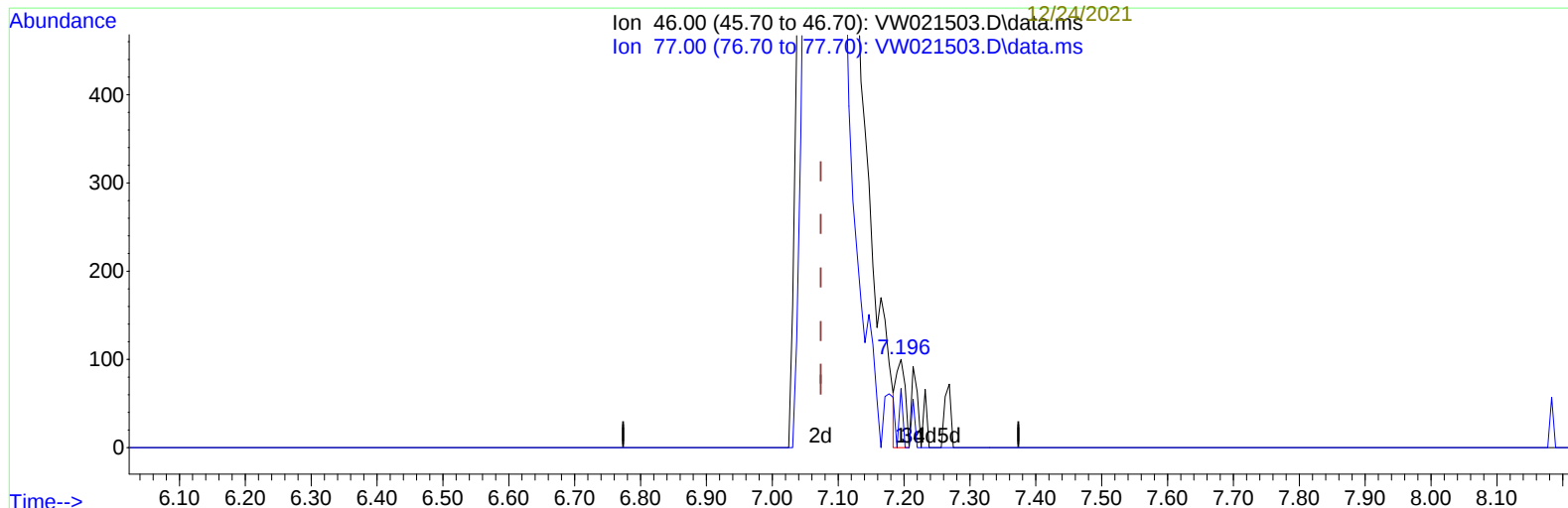
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(21) 2-Butanone-d5 (S)

7.196min (+ 0.122) 0.22 ug/L

response	94	
Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.20	25.53
0.00	0.00	0.00
0.00	0.00	0.00

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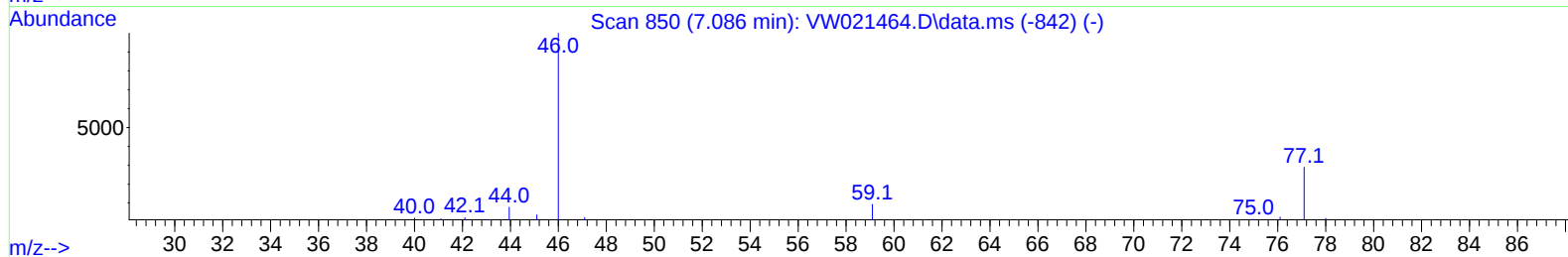
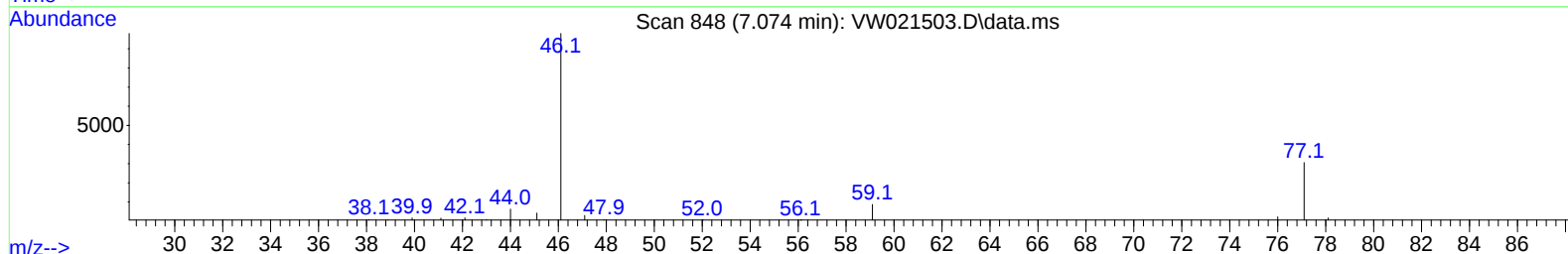
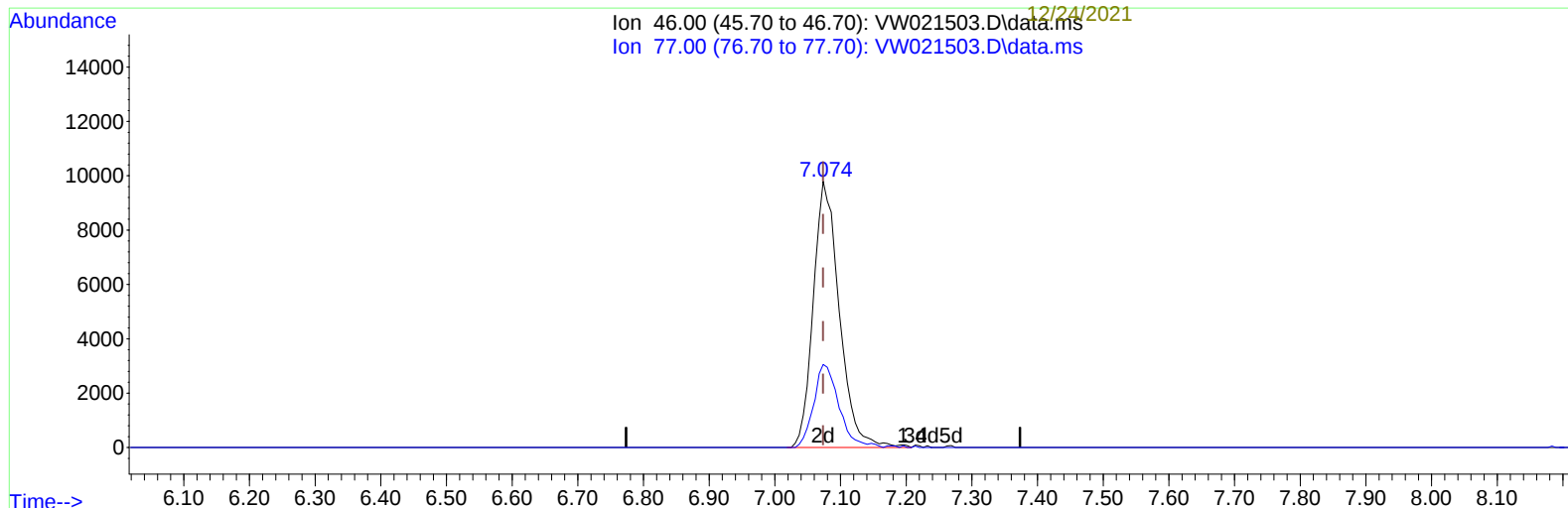
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TIC: VW021503.D\data.ms

(21) 2-Butanone-d5 (S)

7.074min (-0.000) 63.49 ug/L m

response 27000

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.20	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

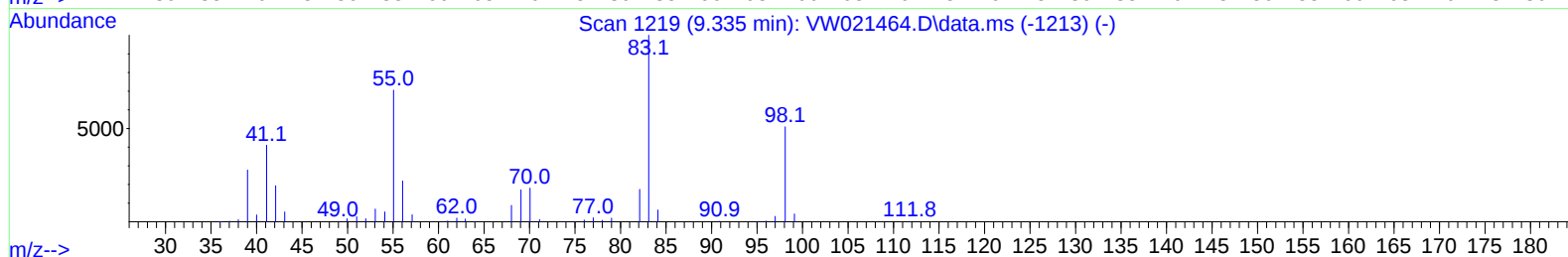
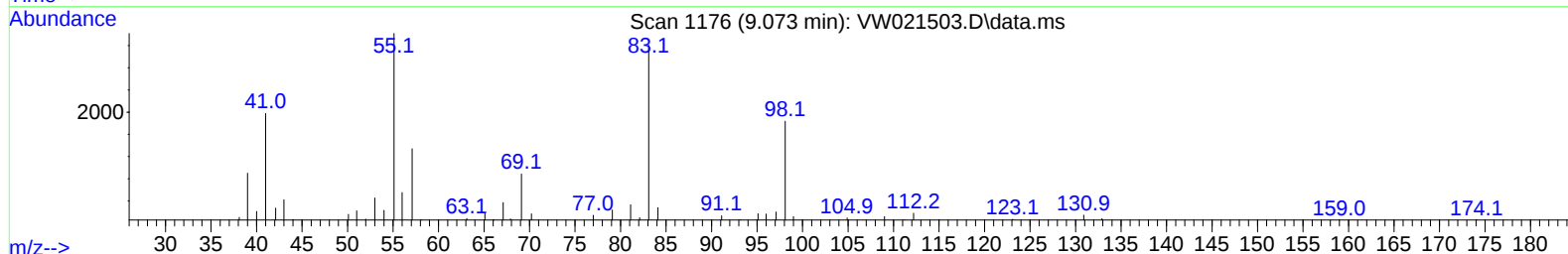
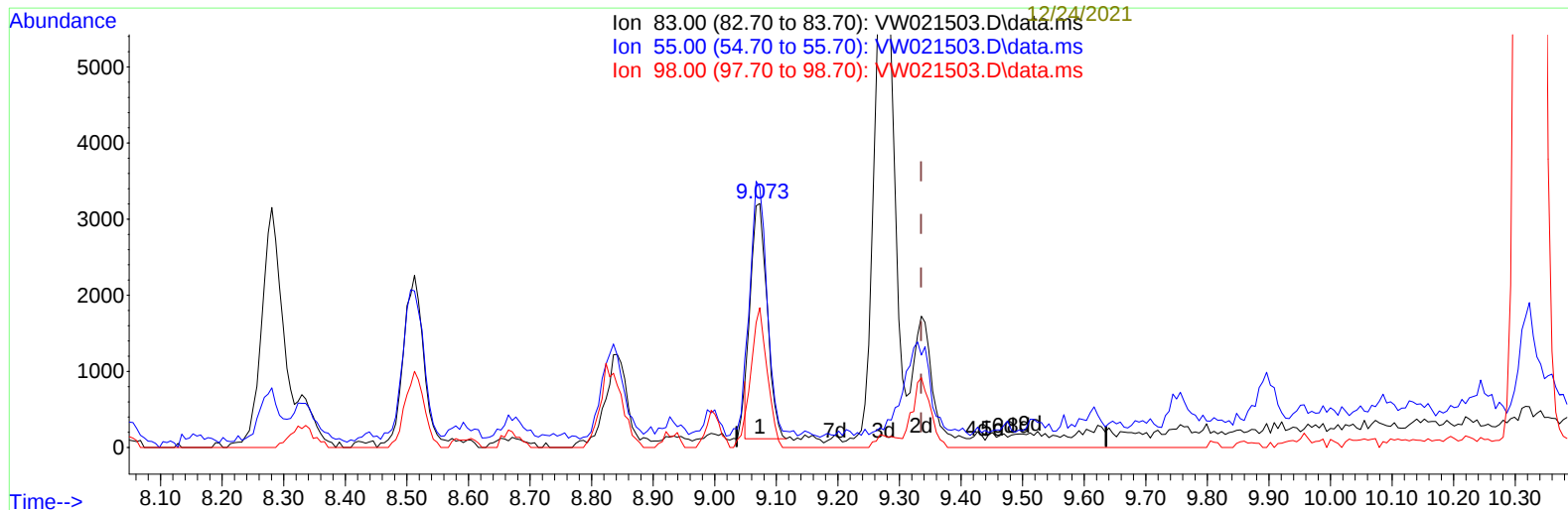
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Yesilyurt
12/20/2021
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Patel
12/24/2021



TIC: VW021503.D\data.ms

(35) Methylcyclohexane (T)

9.073min (-0.262) 1.62 ug/L

response 5712

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	88.50	102.85
98.00	47.10	56.09
0.00	0.00	0.00

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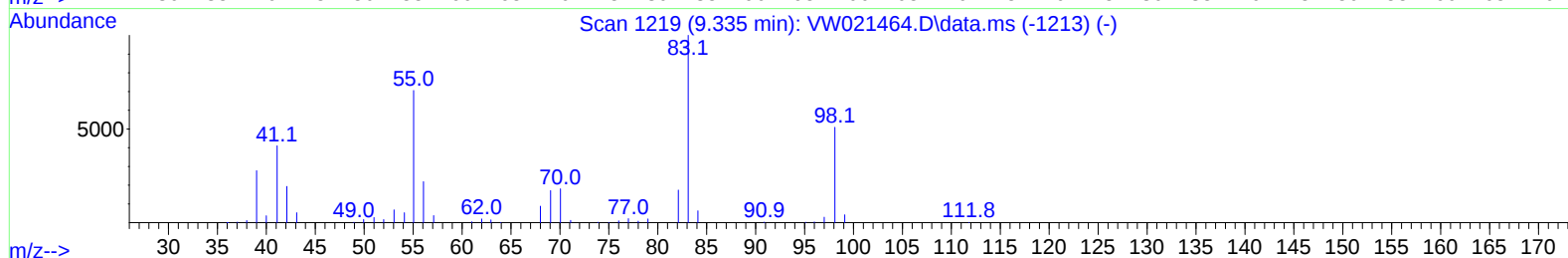
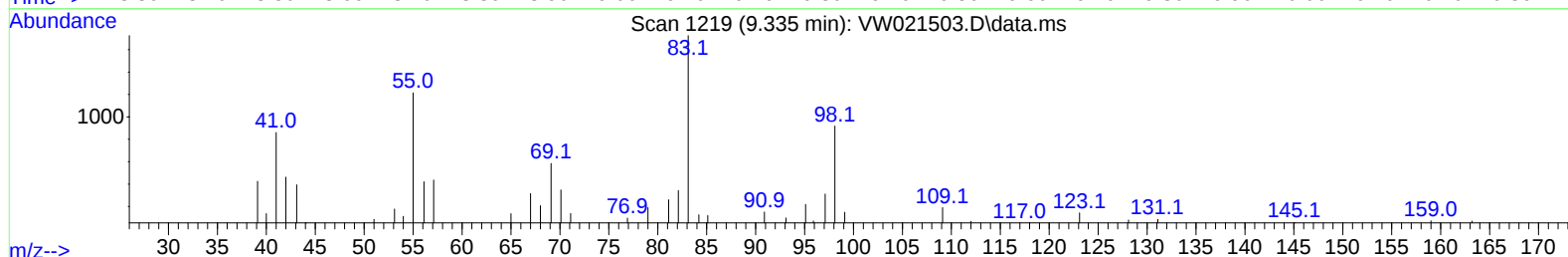
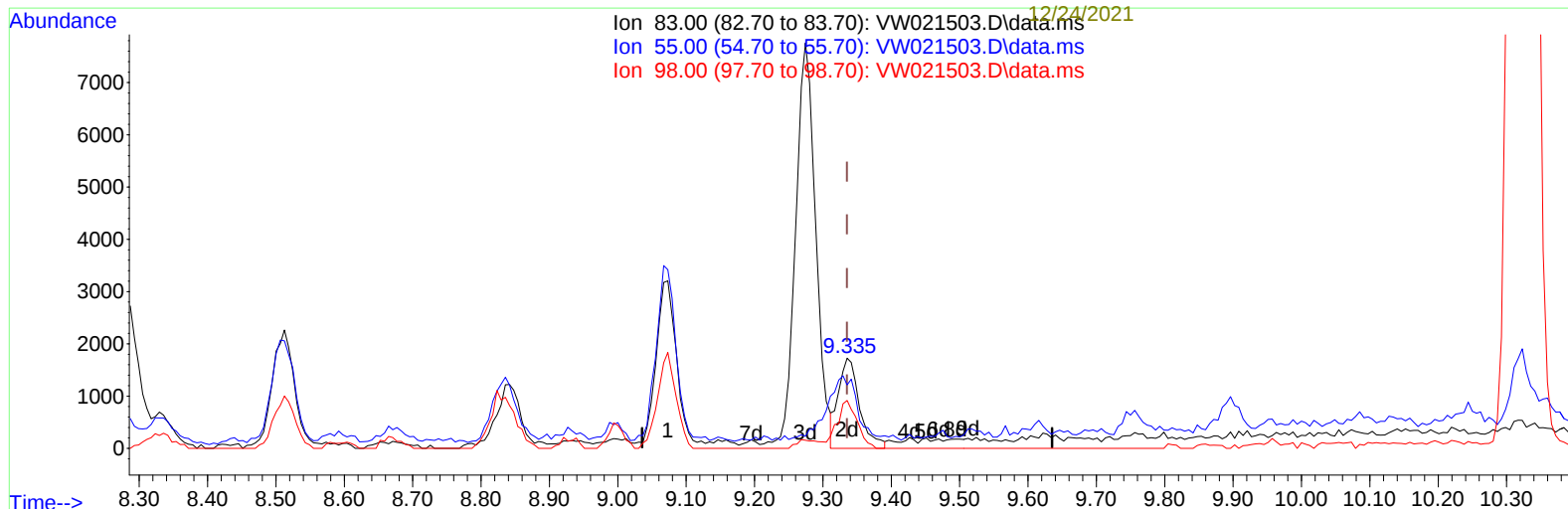
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TIC: VW021503.D\data.ms

(35) Methylcyclohexane (T)

9.335min (-0.000) 1.06 ug/L m

response 3722

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	88.50	157.85#
98.00	47.10	86.08#
0.00	0.00	0.00

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Instrument :
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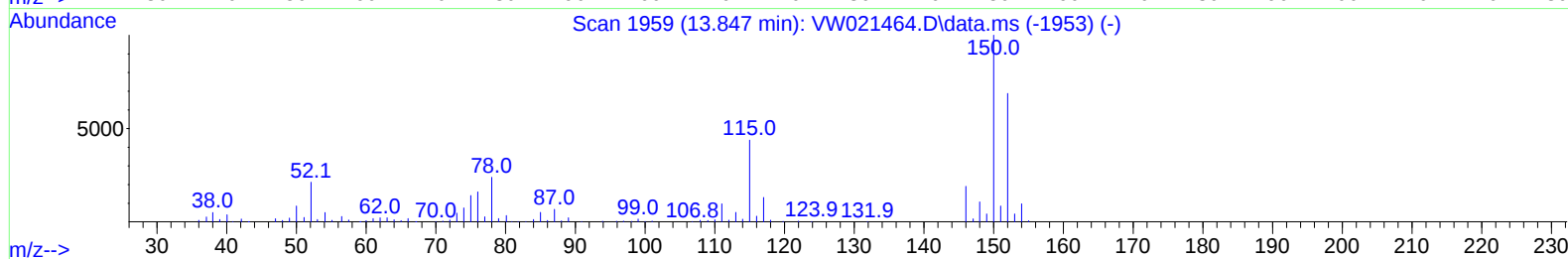
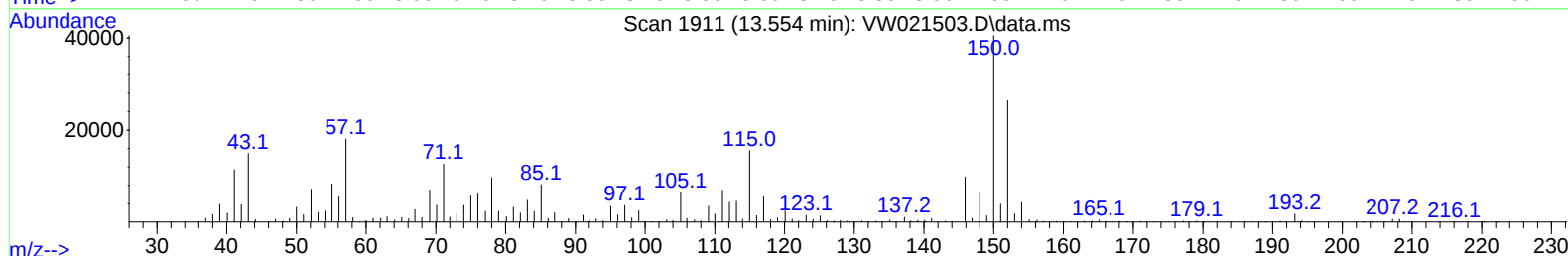
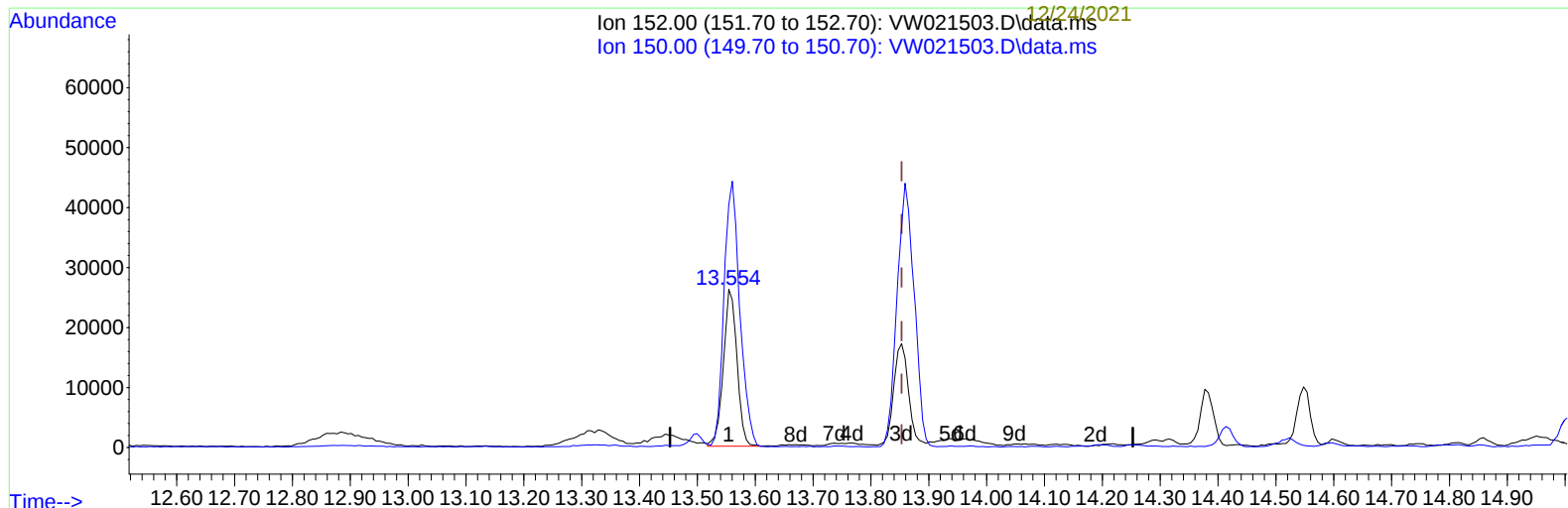
Reviewed By :Semsettin

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TIC: VW021503.D\data.ms

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

13.554min (-0.299) 25.80 ug/L

response 42595

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	198.09
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	165651	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	139574	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	42595	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18753	6.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	24.880%#
7) Chloroethane-d5	2.885	69	19288	9.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.680%
11) 1,1-Dichloroethene-d2	4.019	63	34935	8.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.760%#
21) 2-Butanone-d5	7.074	46	27000m	63.489	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.980%
24) Chloroform-d	7.647	84	94370	20.443	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.760%
26) 1,2-Dichloroethane-d4	8.305	65	57883	23.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.280%
32) Benzene-d6	8.275	84	176175	23.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	9.274	67	57781	28.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.640%
41) Toluene-d8	10.323	98	151771	19.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.680%
43) trans-1,3-Dichloroprop...	10.579	79	22503	23.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.280%
47) 2-Hexanone-d5	10.920	63	23523	77.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.060%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36033	20.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	33292m	20.167	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.680%

Target Compounds					Qvalue
13) Acetone	4.117	43	11716	30.731	ug/L 86
22) 2-Butanone	7.177	43	2619	5.260	ug/L 88
35) Methylcyclohexane	9.335	83	3722m	1.057	ug/L
42) Toluene	10.384	91	9435	1.061	ug/L 99
51) Chlorobenzene	11.658	112	46817	7.864	ug/L # 87
52) Ethylbenzene	11.731	91	1005055	98.905	ug/L 98
53) m,p-Xylene	11.847	106	140078	34.170	ug/L 78
54) o-Xylene	12.164	106	46581	11.973	ug/L 96
60) Isopropylbenzene	12.463	105	2062858	356.413	ug/L 92
62) 1,3,5-Trimethylbenzene	12.944	105	135725	27.558	ug/L 89
63) 1,2,4-Trimethylbenzene	13.249	105	2260098	465.184	ug/L 96
64) 1,3-Dichlorobenzene	13.499	146	29701	10.880	ug/L 93
65) 1,4-Dichlorobenzene	13.579	146	164398	60.611	ug/L 98
67) 1,2-Dichlorobenzene	13.871	146	467318	194.435	ug/L 91
70) 1,2,4-trichlorobenzene	15.127	180	30400	18.523	ug/L # 38

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

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