

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121123\
Data File : VD077805.D
Acq On : 11 Dec 2023 10:56
Operator : JC/SY
Sample : 05750-01
Misc : 4.68G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
E0LQ4

Manual IntegrationsAPPROVED

Quant Time: Dec 11 13:03:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration

Reviewed By :Semsettin

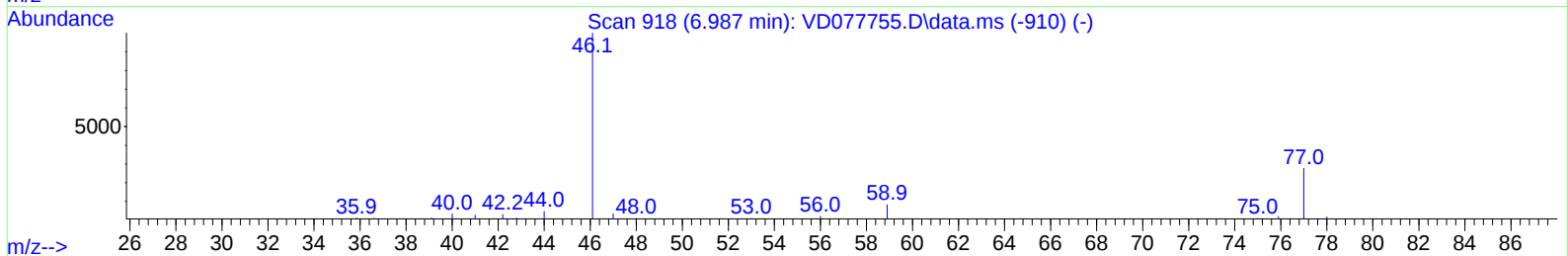
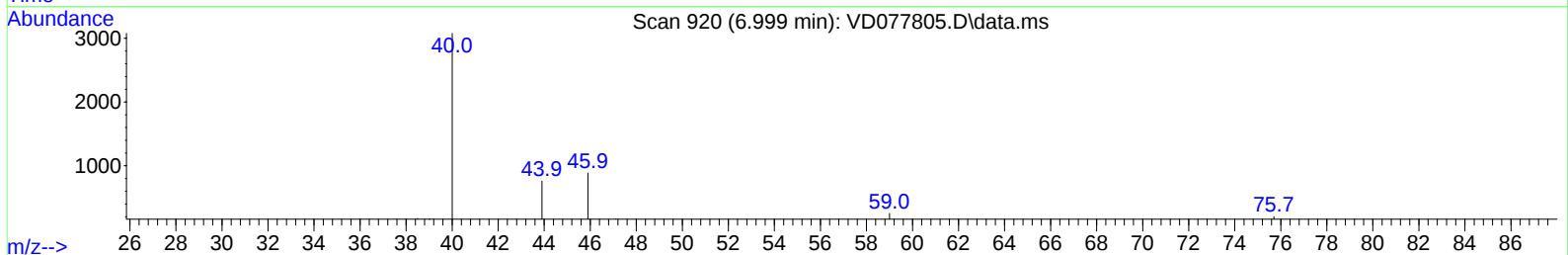
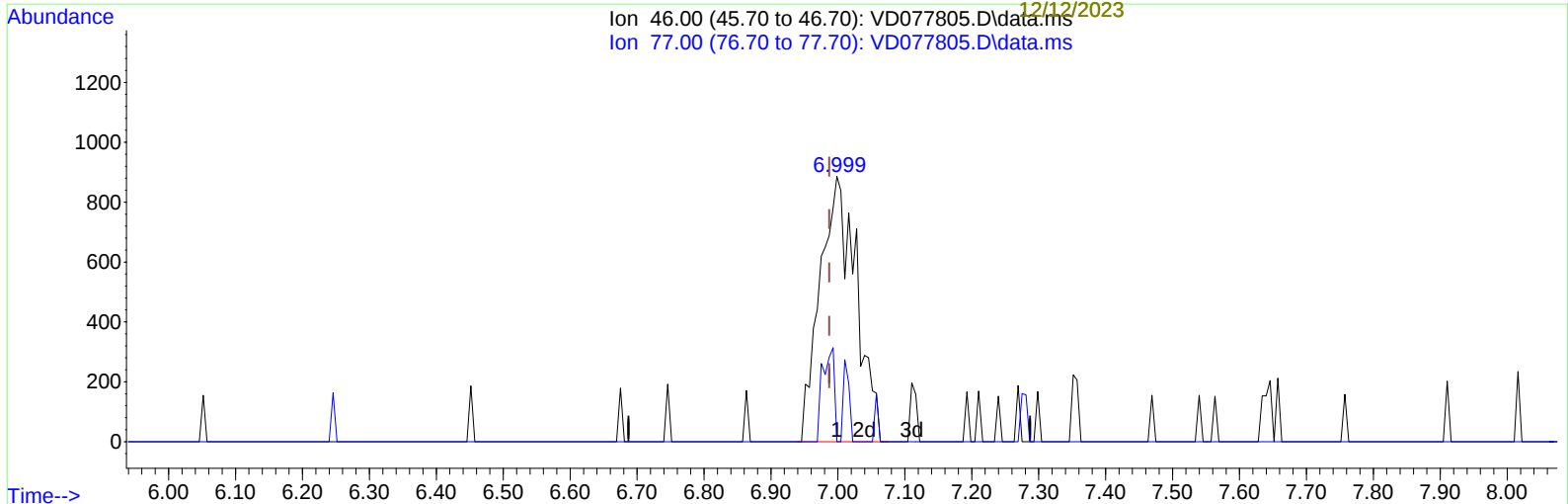
Yesilyurt

12/11/2023

Supervised By :Mahesh

Dadoda

12/12/2023



TIC: VD077805.D\data.ms

(21) 2-Butanone-d5 (S)

6.999min (+ 0.012) 115.04 ug/L m

response 3314

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.10	6.34#
0.00	0.00	0.00
0.00	0.00	0.00

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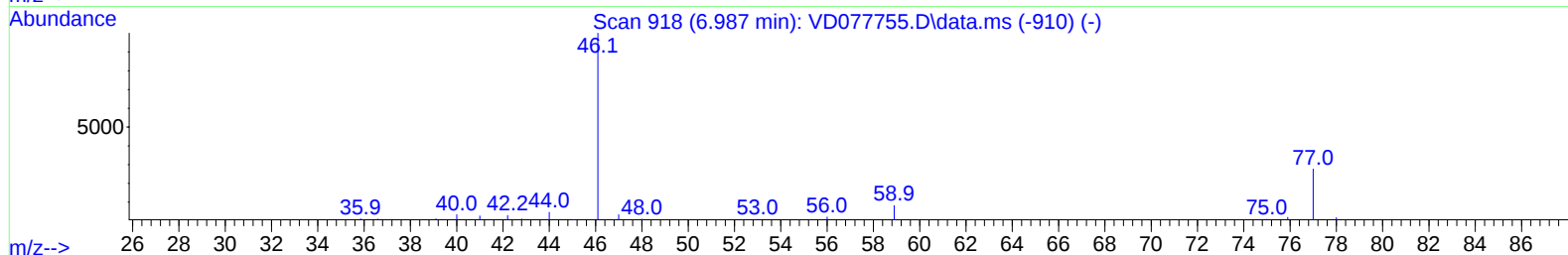
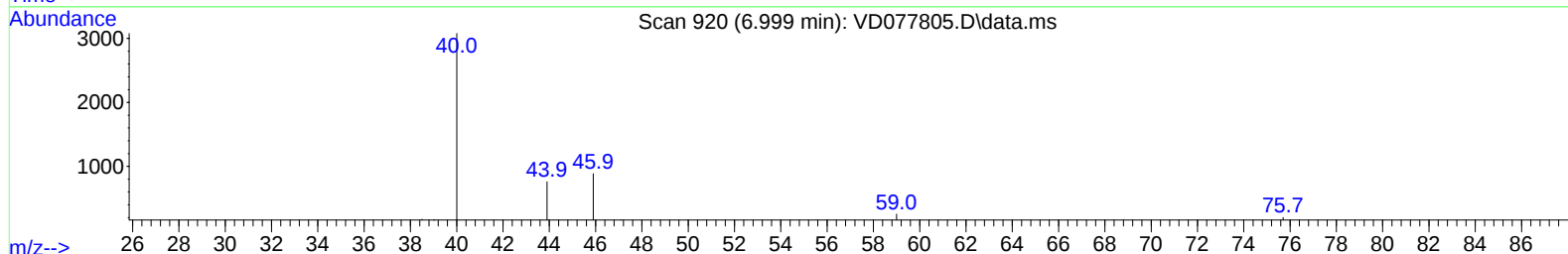
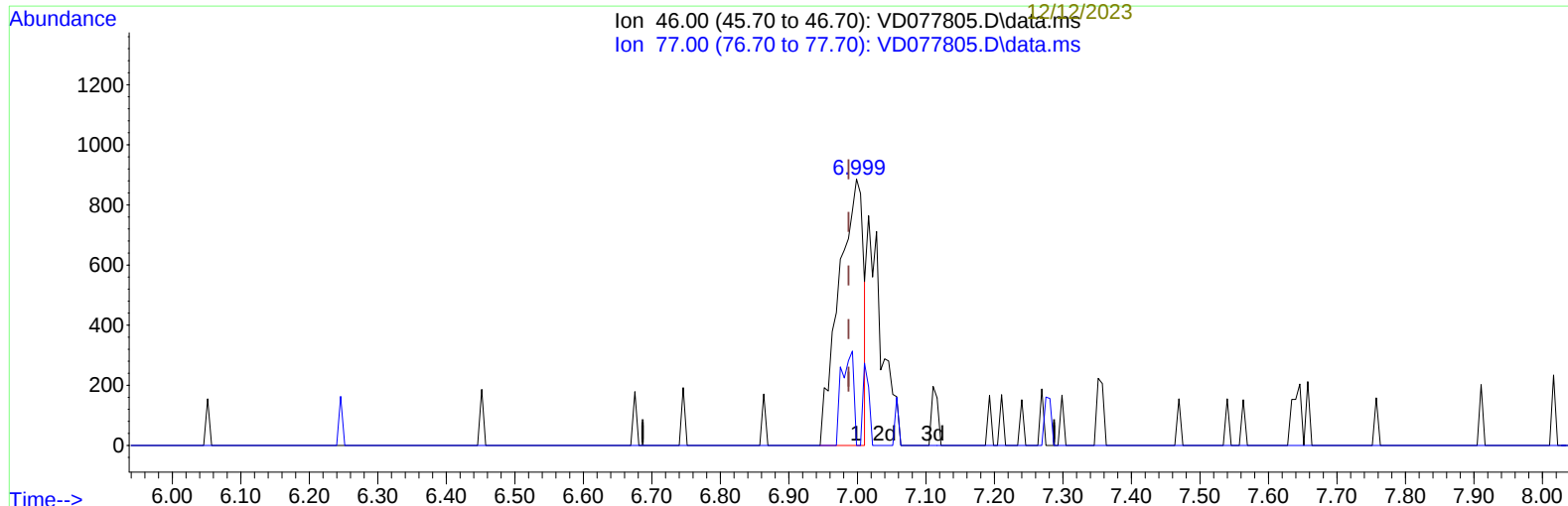
Yesilyurt

12/11/2023

Supervised By :Mahesh

Dadoda

12/12/2023



TIC: VD077805.D\data.ms

(21) 2-Butanone-d5 (S)

6.999min (+ 0.012) 75.95 ug/L

response 2188

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.10	9.60#
0.00	0.00	0.00
0.00	0.00	0.00

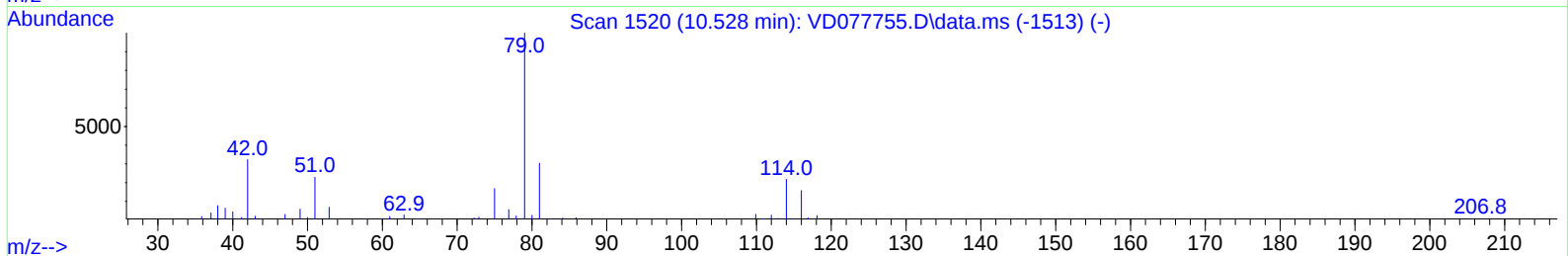
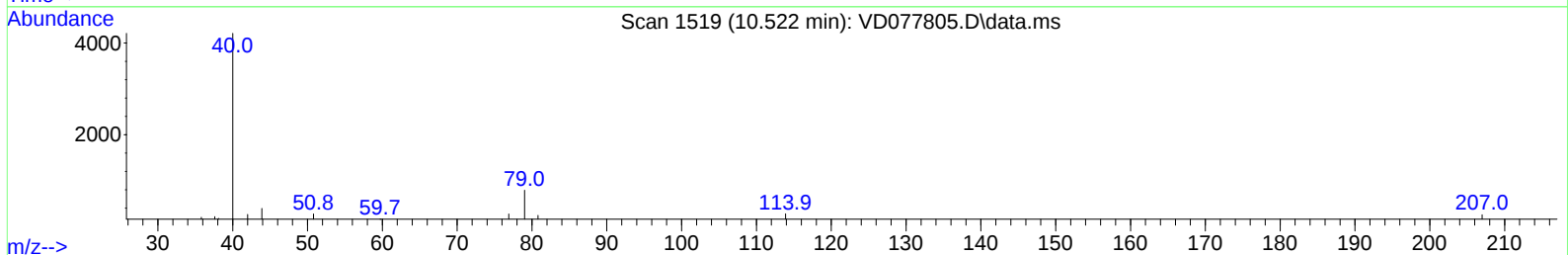
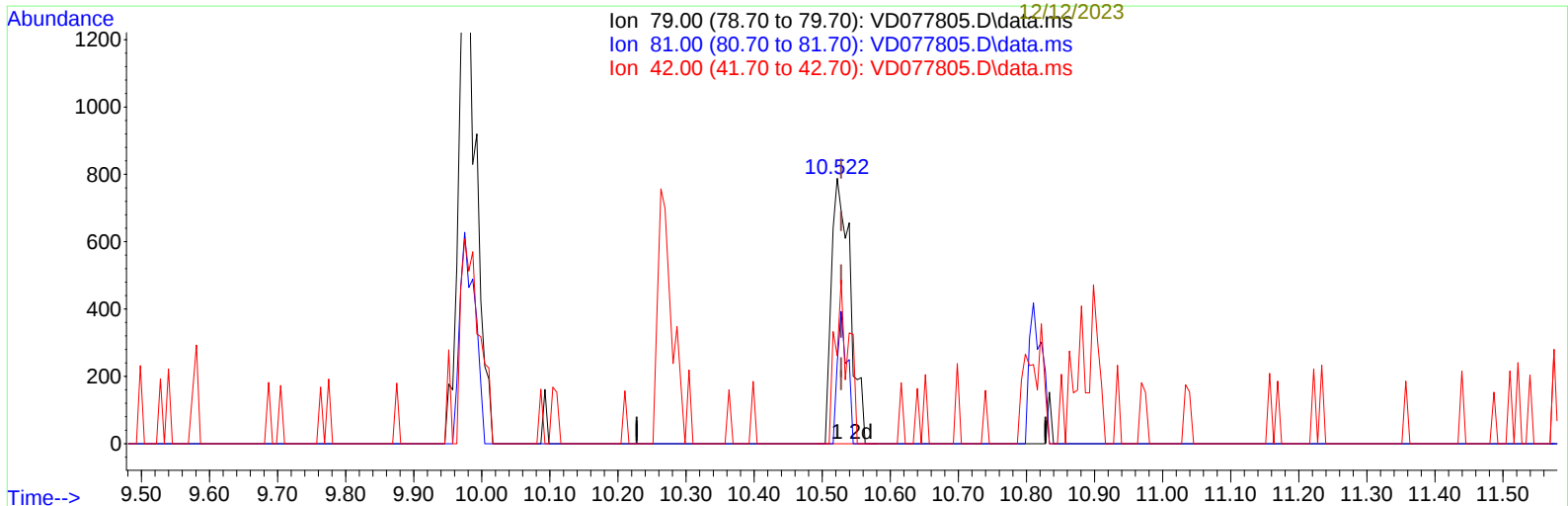
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 Yesilyurt
 12/11/2023
 Supervised By :Mahesh
 Dadoda
 12/12/2023



TIC: VD077805.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

10.522min (-0.006) 30.02 ug/L m

response	1510	
Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.10	26.23
42.00	41.50	29.74
0.00	0.00	0.00

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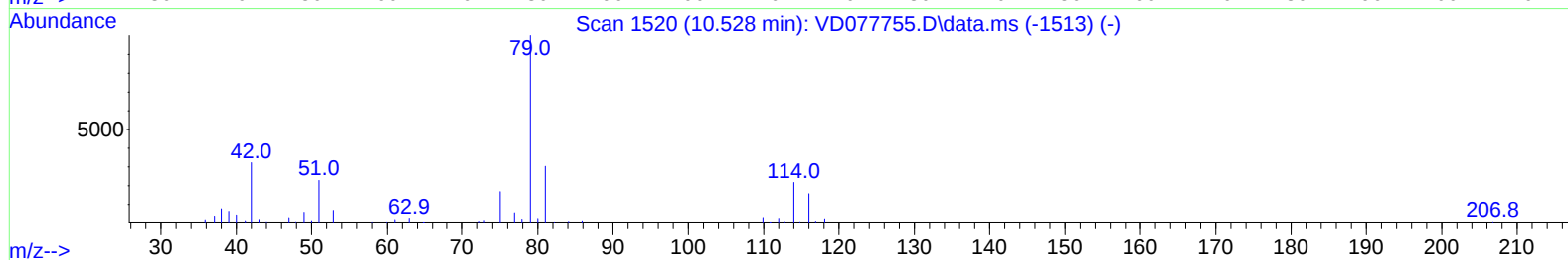
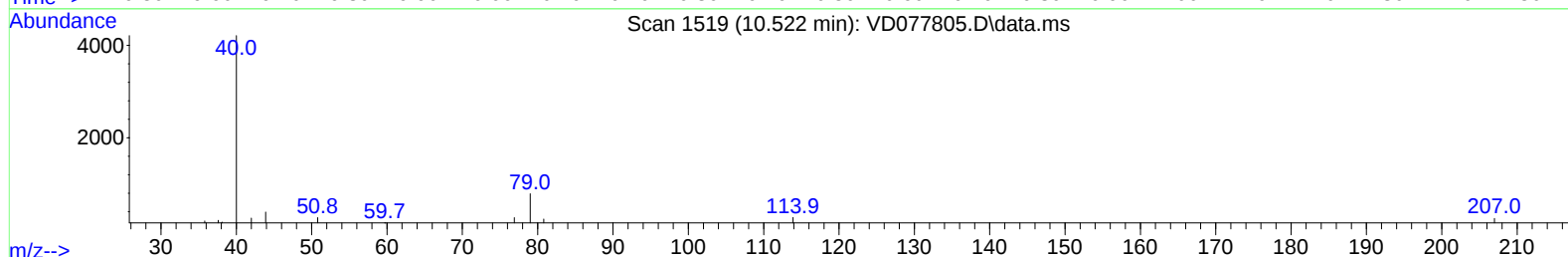
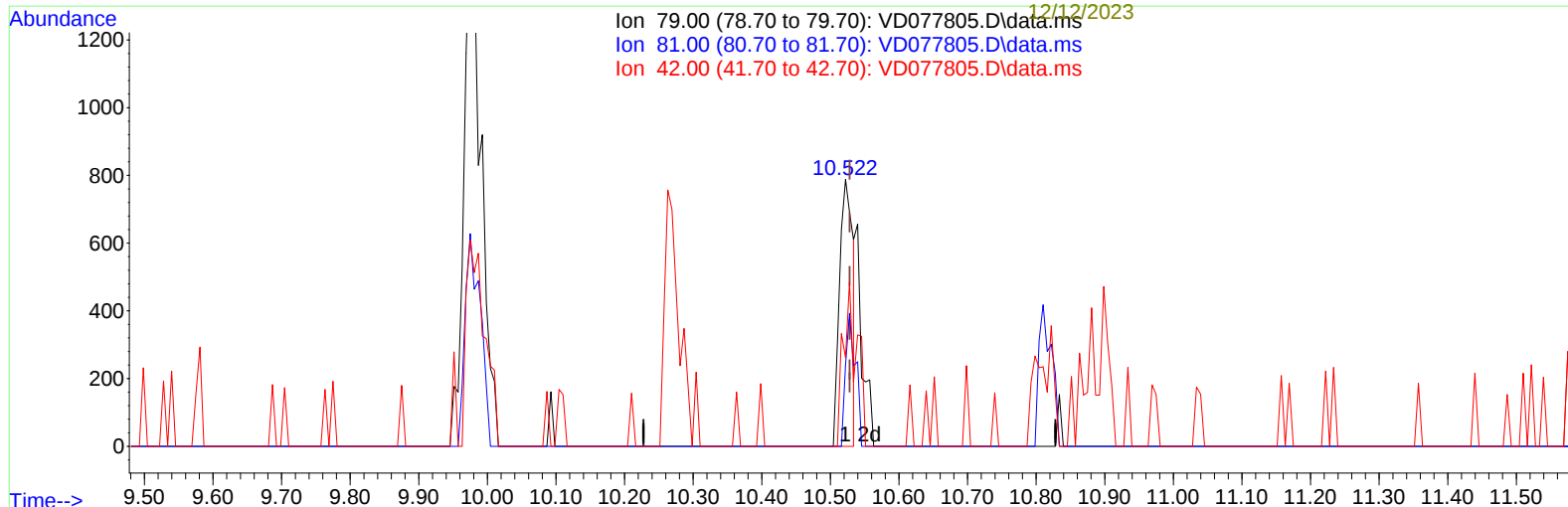
Yesilyurt

12/11/2023

Supervised By :Mahesh

Dadoda

12/12/2023



TIC: VD077805.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

10.522min (-0.006) 21.29 ug/L

response	1071	
Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.10	36.97
42.00	41.50	41.92
0.00	0.00	0.00

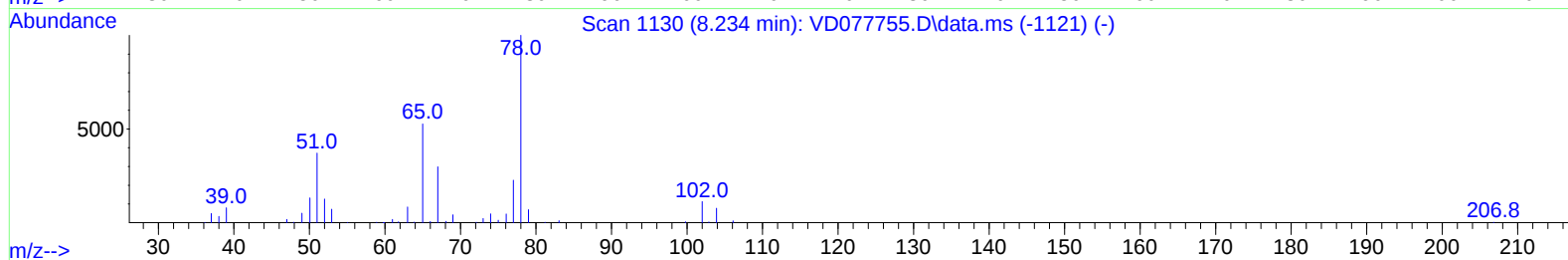
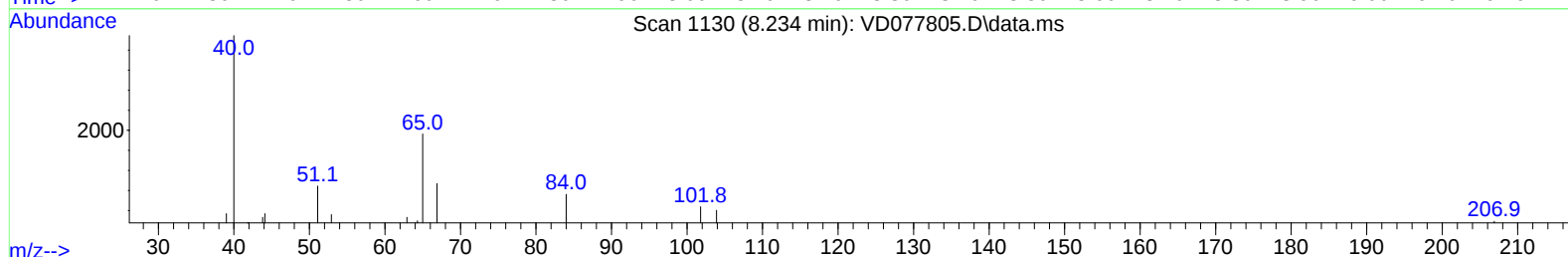
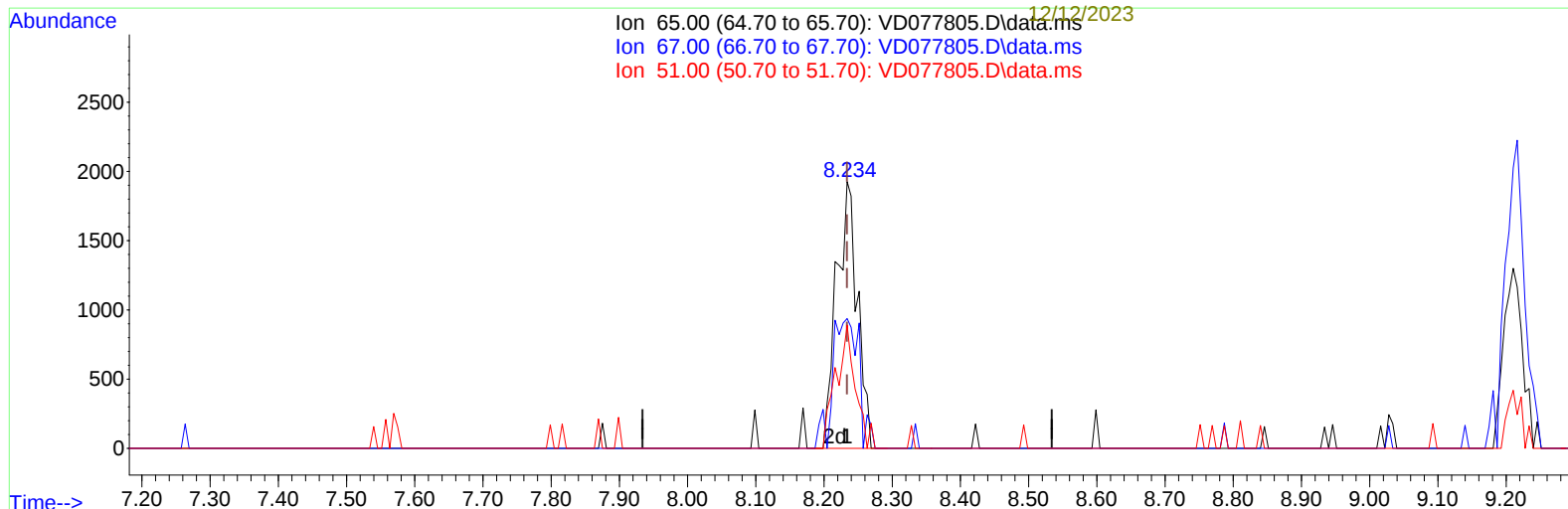
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: VD077805.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.234min (-0.000) 35.79 ug/L m

response 4085

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.10	7.81#
51.00	117.90	42.15#
0.00	0.00	0.00

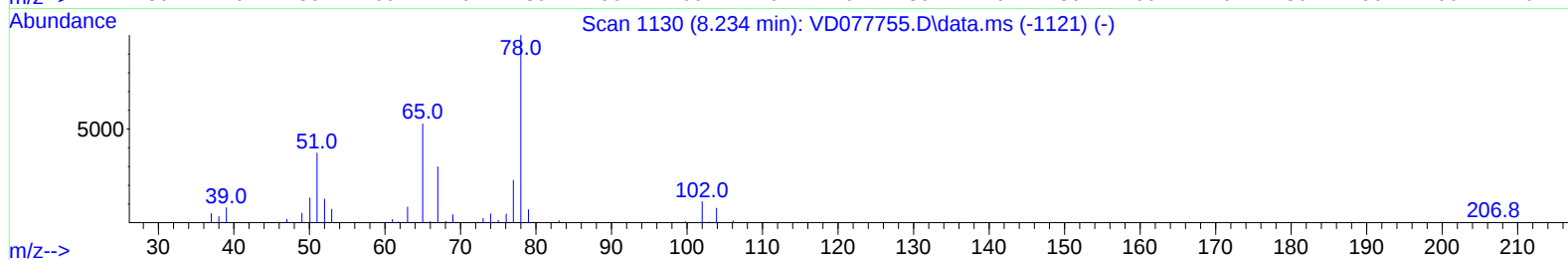
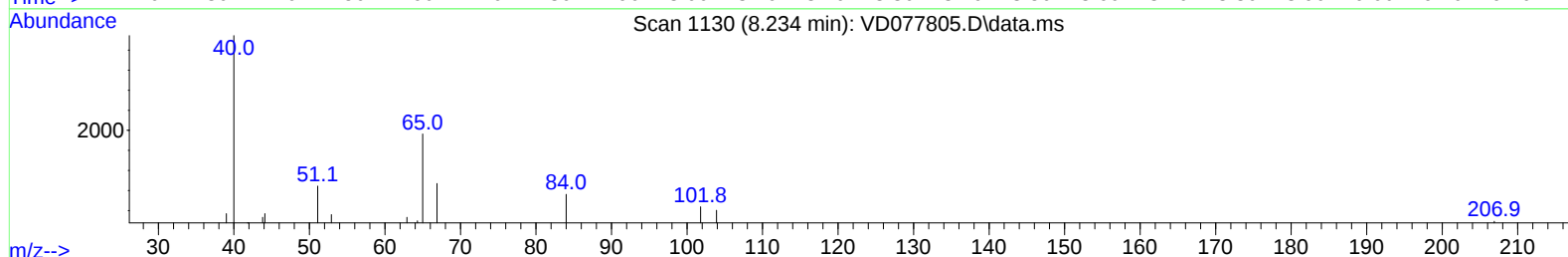
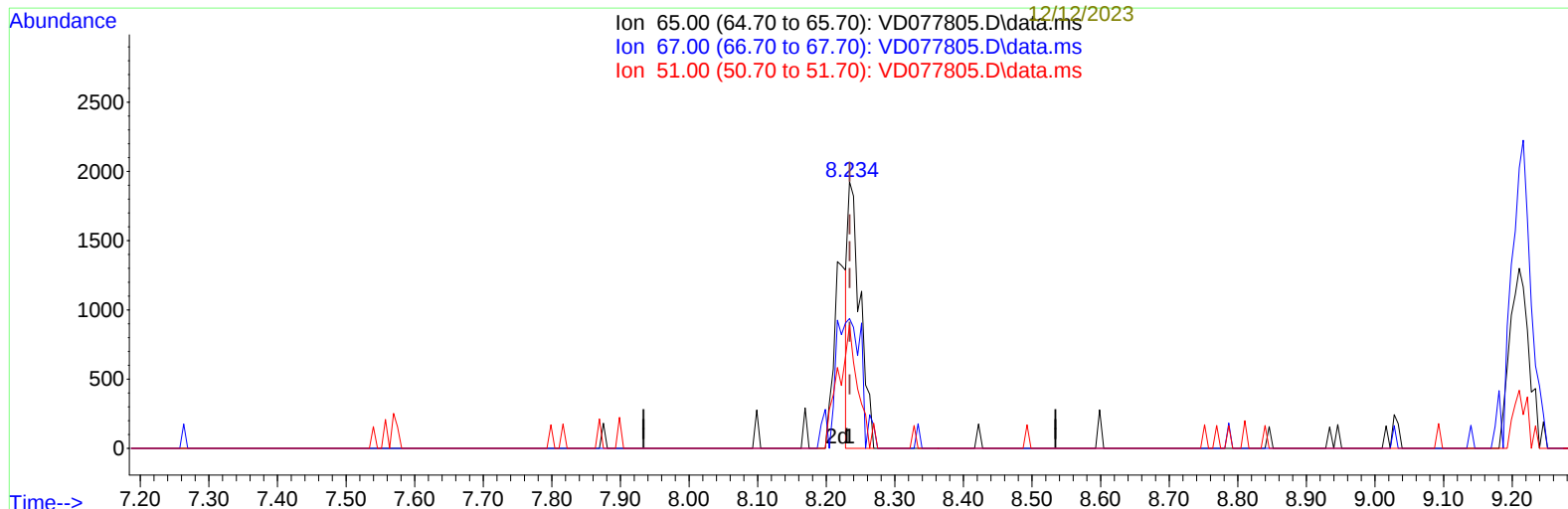
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Instrument :
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TIC: VD077805.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.234min (-0.000) 20.77 ug/L

response 2370

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.10	13.46#
51.00	117.90	72.66#
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	8.781	114	8358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	6190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	1603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	5050	22.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.811	69	2753	15.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.600%
11) 1,1-Dichloroethene-d2	3.922	65	1367	23.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.520%
21) 2-Butanone-d5	6.999	46	3314m	115.043	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	230.080%#
24) Chloroform-d	7.569	84	7362	32.682	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.720%
26) 1,2-Dichloroethane-d4	8.234	65	4085m	35.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	143.160%#
32) Benzene-d6	8.199	84	11492	30.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.320%
36) 1,2-Dichloropropane-d6	9.216	67	4240	37.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.120%#
41) Toluene-d8	10.269	98	7861	22.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	10.522	79	1510m	30.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.080%
47) 2-Hexanone-d5	10.881	63	1328	67.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.500%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	4363	53.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	212.320%#
66) 1,2-Dichlorobenzene-d4	13.810	152	1158	20.193	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.760%
Target Compounds						Qvalue
22) 2-Butanone	7.081	43	79	1.902	ug/L #	65
34) Trichloroethene	9.028	95	7746	77.451	ug/L	97
46) Tetrachloroethene	10.810	164	337537	4185.468	ug/L	96
51) Chlorobenzene	11.610	112	2994	11.283	ug/L #	84
65) 1,4-Dichlorobenzene	13.545	146	1770	16.485	ug/L #	49
67) 1,2-Dichlorobenzene	13.828	146	760	8.162	ug/L #	72

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

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