

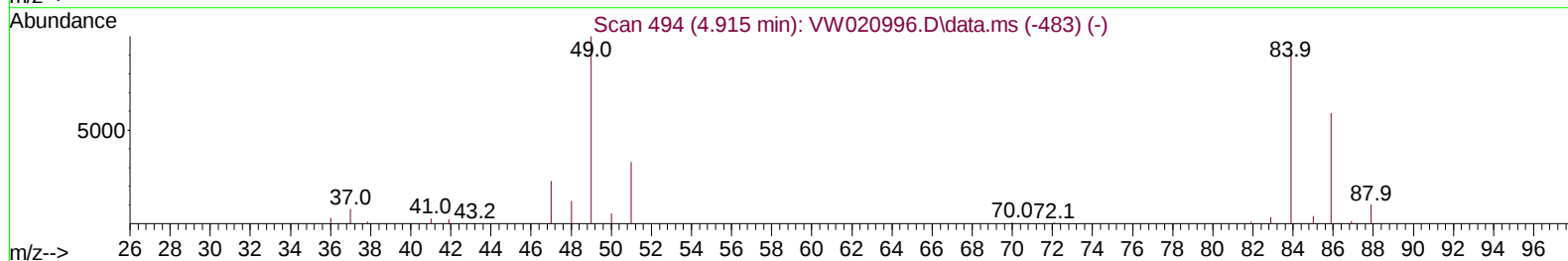
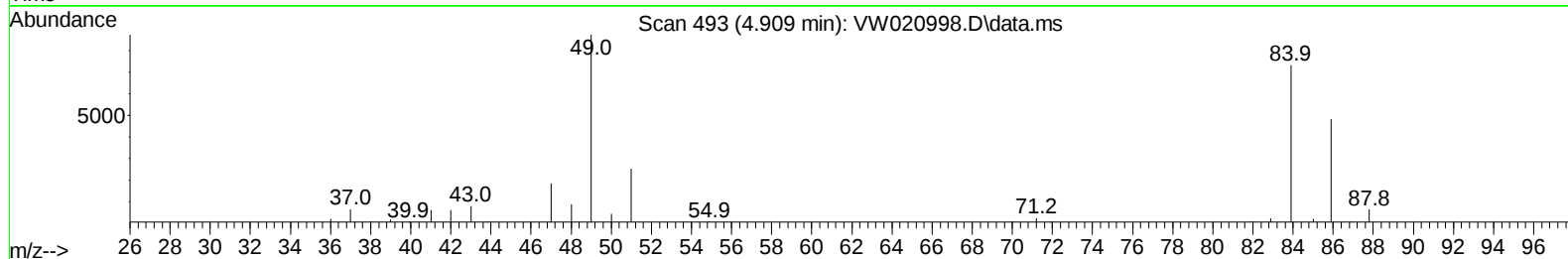
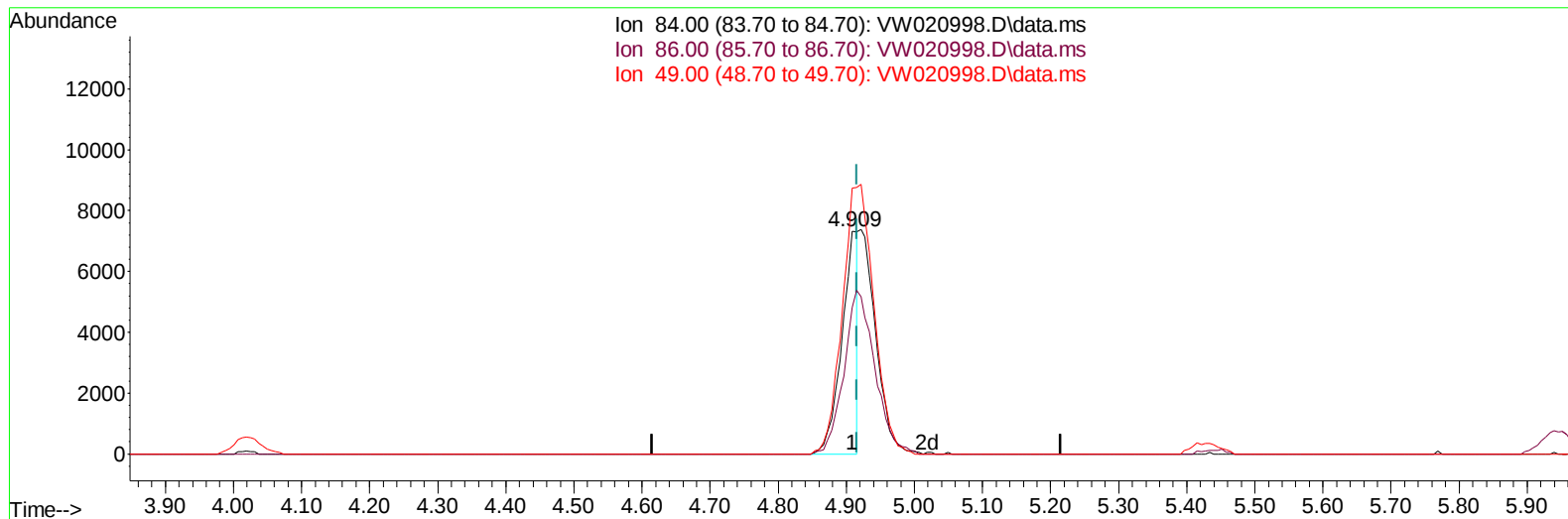
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW020998.D
Acq On : 01 Dec 2021 10:43
Operator : SY/VA
Sample : M4868-01
Misc : 5.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKN8

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 02 01:57:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM11521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration



TIC: VW020998.D\data.ms

(16) Methylene chloride (T)

4.909min (-0.006) 6.29 ug/L

response 11919

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	65.00	65.87
49.00	143.60	119.34
0.00	0.00	0.00

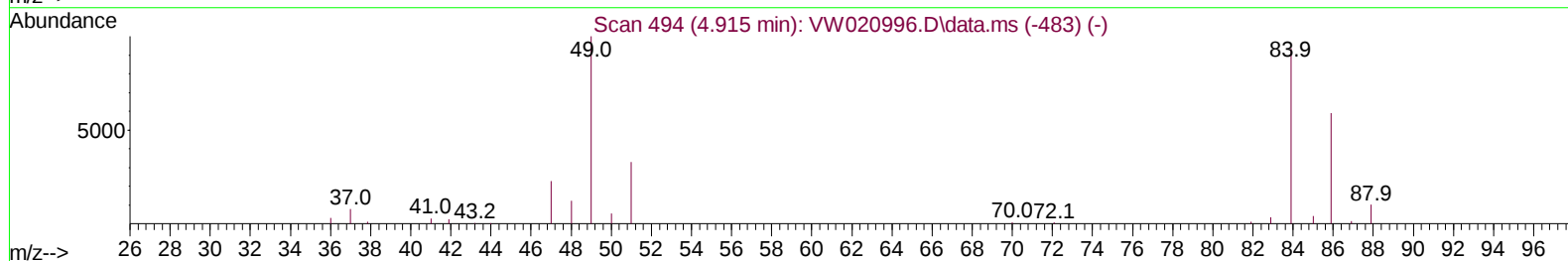
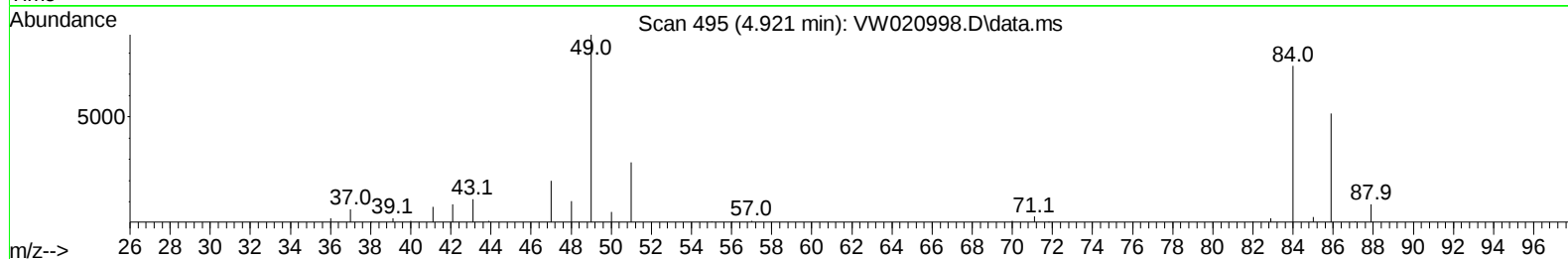
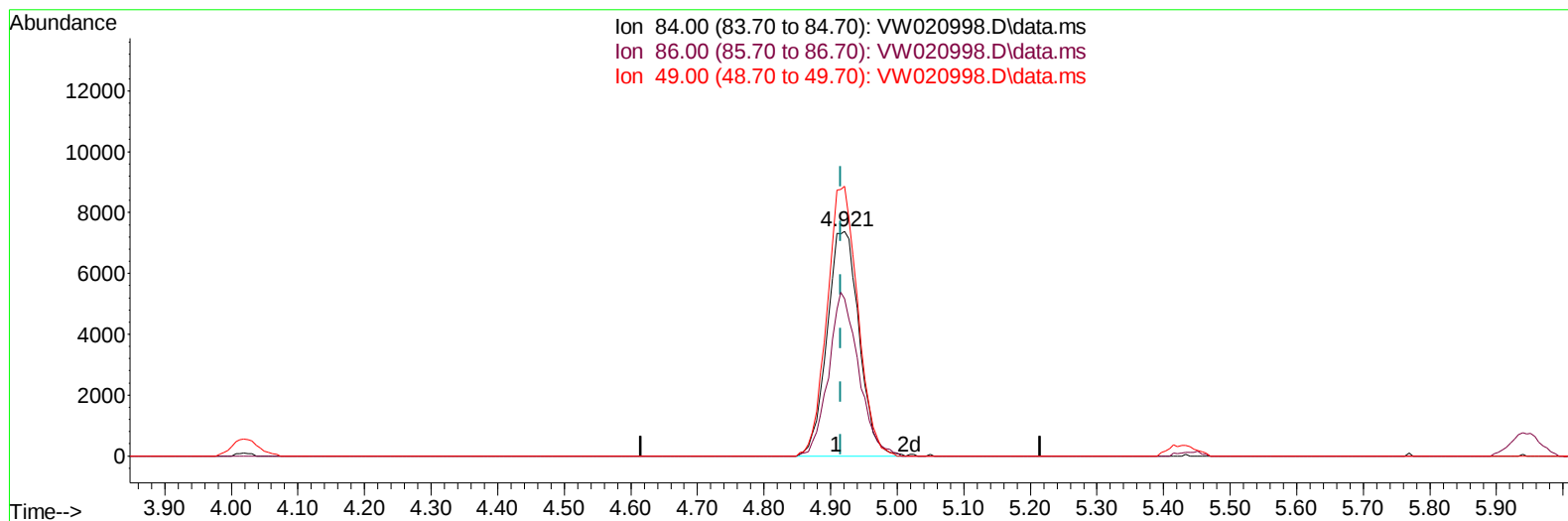
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TIC: VW020998.D\data.ms

(16) Methylene chloride (T)

4.921min (+ 0.006) 12.98 ug/L m

response 24579

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	65.00	69.82
49.00	143.60	119.82
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	8.841	114	135794	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	115064	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	24948	15.839	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	63.360%	
7) Chloroethane-d5	2.891	69	16960	16.695	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	66.760%	
11) 1,1-Dichloroethene-d2	4.019	63	35545	11.663	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	46.640%	
21) 2-Butanone-d5	7.085	46	11727	29.828	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	59.660%	
24) Chloroform-d	7.652	84	56846	16.614	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	66.440%	
26) 1,2-Dichloroethane-d4	8.305	65	26594	15.313	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	61.240%#	
32) Benzene-d6	8.274	84	107275	17.689	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	70.760%	
36) 1,2-Dichloropropane-d6	9.274	67	30347	17.573	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	70.280%	
41) Toluene-d8	10.323	98	103284	17.159	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	68.640%	
43) trans-1,3-Dichloroprop...	10.579	79	11994	14.694	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	58.760%	
47) 2-Hexanone-d5	10.926	63	9045	31.580	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	63.160%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	20279	15.329	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	61.320%	
66) 1,2-Dichlorobenzene-d4	13.853	152	40908	18.792	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	75.160%	
Target Compounds						
						Qvalue
5) vinyl chloride	2.367	62	170151	82.332	ug/L	94
13) Acetone	4.123	43	107441	306.083	ug/L	91
16) Methylene chloride	4.921	84	24579m	12.978	ug/L	
17) trans-1,2-Dichloroethene	5.421	96	13761	7.504	ug/L	82
19) 1,1-Dichloroethane	6.220	63	6214	2.045	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	1914967	968.955	ug/L	70
27) 1,2-Dichloroethane	8.402	62	26773	13.314	ug/L #	95
29) Cyclohexane	7.927	56	6605	2.575	ug/L #	79
33) Benzene	8.323	78	624871	95.914	ug/L	100
34) Trichloroethene	9.097	95	9802	5.379	ug/L	97
35) Methylcyclohexane	9.335	83	14473	4.817	ug/L #	63
40) 4-Methyl-2-pentanone	10.213	43	31421	34.817	ug/L #	94
42) Toluene	10.390	91	1561926	213.144	ug/L	99
46) Tetrachloroethene	10.859	164	2029	1.213	ug/L	96
51) Chlorobenzene	11.658	112	43429	8.911	ug/L	92
52) Ethylbenzene	11.731	91	5679101	699.380	ug/L	93
53) m,p-Xylene	11.847	106	6969195	2102.178	ug/L	72
54) o-Xylene	12.170	106	2145572	673.876	ug/L	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Isopropylbenzene	12.463	105	725669	87.231	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	1000617	142.584	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	3388557	489.395	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	69026	20.084	ug/L	92
70) 1,2,4-trichlorobenzene	15.133	180	15859	6.275	ug/L #	31

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

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