

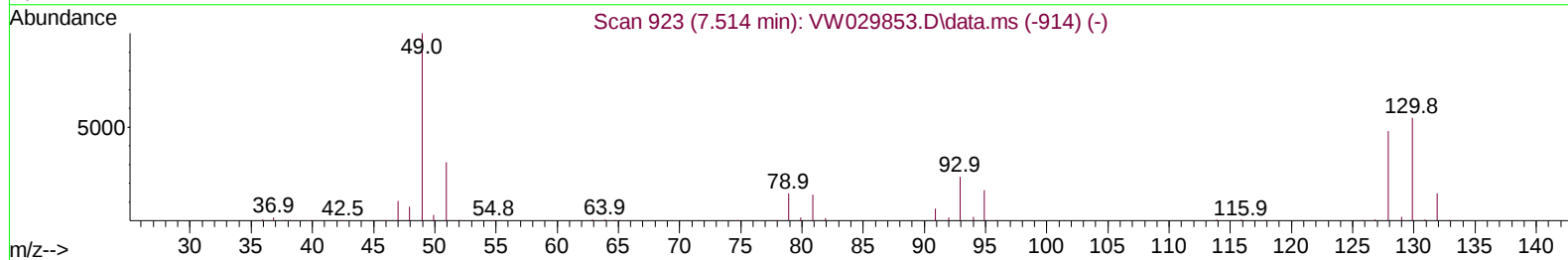
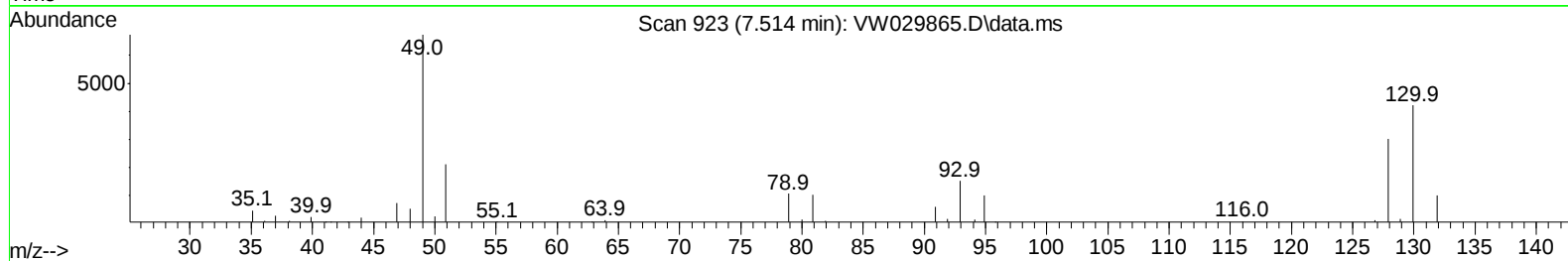
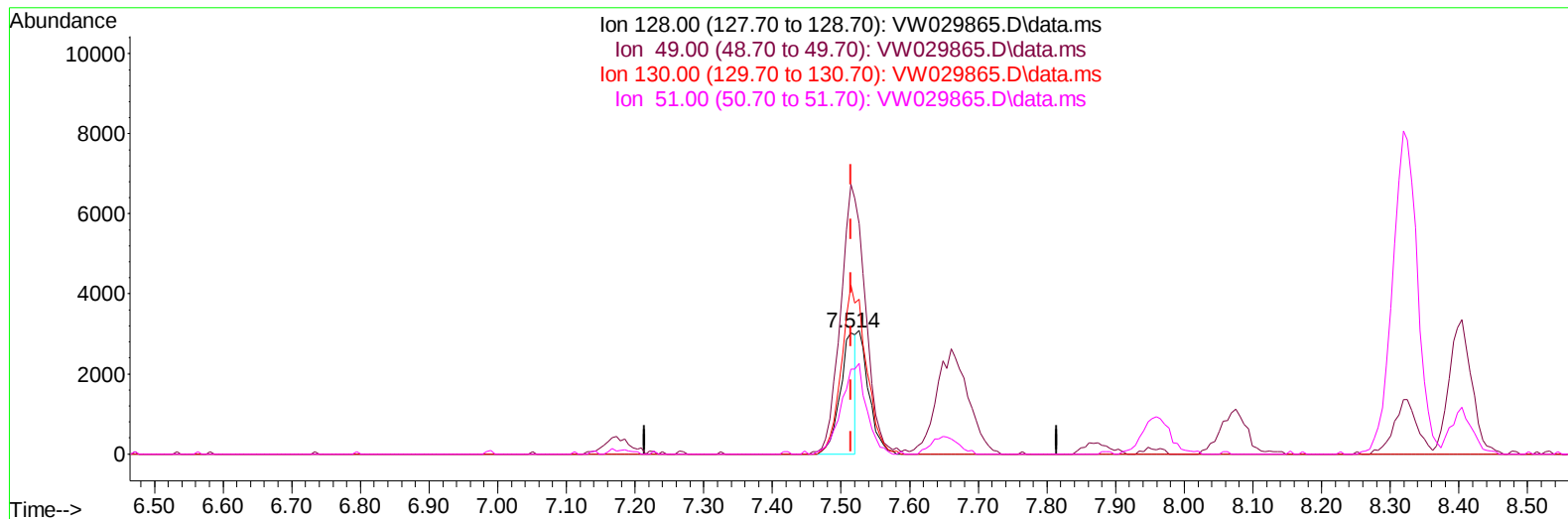
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
Data File : VW029865.D
Acq On : 08 Aug 2024 16:26
Operator : SY/MD
Sample : P3481-09MS
Misc : 6.02g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE4MS

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 09 00:51:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 09 00:48:13 2024
Response via : Initial Calibration



TIC: VW029865.D\data.ms

(23) Bromochloromethane (T)

7.514min (-0.000) 10.95 ug/L

response 4844

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	215.90	222.44
130.00	138.30	139.16
51.00	68.30	70.19

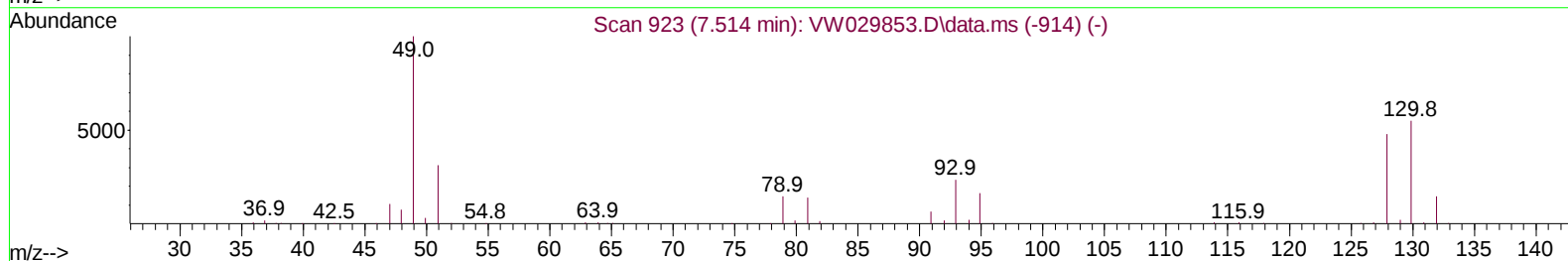
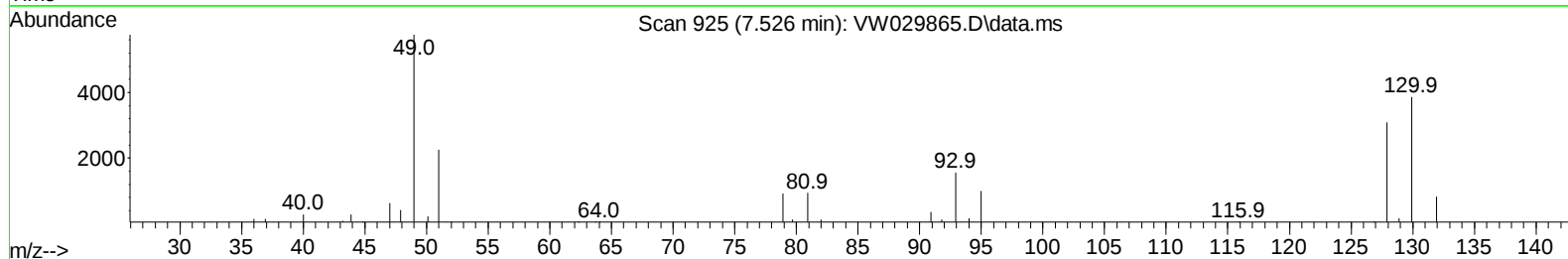
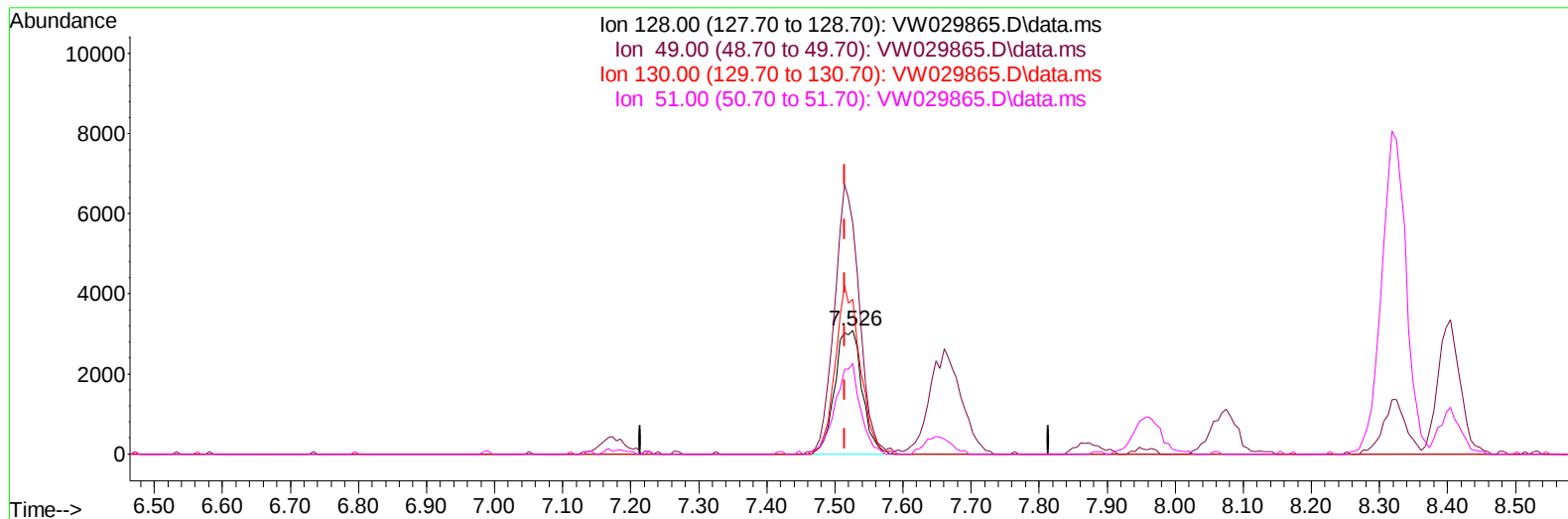
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(23) Bromochloromethane (T)

7.526min (+ 0.012) 19.16 ug/L m

response 8473

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	215.90	186.44
130.00	138.30	125.28
51.00	68.30	72.98

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	65247	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	59177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	22210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	4688	5.061	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	20.240%#	
7) Chloroethane-d5	2.899	69	5965	9.020	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	36.080%	
11) 1,1-Dichloroethene-d2	4.027	65	2623	6.203	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	24.800%#	
21) 2-Butanone-d5	7.087	46	10010	39.428	ug/L	0.01
Spiked Amount 50.000	Range 20	- 135	Recovery	=	78.860%	
24) Chloroform-d	7.654	84	24489	14.499	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	58.000%	
26) 1,2-Dichloroethane-d4	8.307	65	14116	14.673	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	58.680%#	
32) Benzene-d6	8.276	84	31699	9.914	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	39.640%	
36) 1,2-Dichloropropane-d6	9.276	67	14668	14.367	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	57.480%#	
41) Toluene-d8	10.325	98	23008	8.093	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	32.360%	
43) trans-1,3-Dichloroprop...	10.581	79	4769	11.544	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	46.160%	
47) 2-Hexanone-d5	10.922	63	5110	30.354	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	60.700%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	16041	21.160	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	84.640%	
66) 1,2-Dichlorobenzene-d4	13.854	152	10476	15.191	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	60.760%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	24398	27.741	ug/L	99
3) Chloromethane	2.222	50	21488	19.745	ug/L	100
5) Vinyl chloride	2.369	62	26789	21.968	ug/L	98
6) Bromomethane	2.789	94	13382	19.985	ug/L	92
8) Chloroethane	2.930	64	15961	23.008	ug/L	99
9) Trichlorofluoromethane	3.277	101	38041	39.055	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	23346	24.065	ug/L	97
12) 1,1-Dichloroethene	4.051	96	18253	20.478	ug/L #	71
13) Acetone	4.124	43	19367	61.383	ug/L	97
14) Carbon disulfide	4.393	76	55273	18.634	ug/L	98
15) Methyl Acetate	4.685	43	9904	18.846	ug/L	92
16) Methylene chloride	4.923	84	20235	14.835	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	18826	19.599	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	40429	25.538	ug/L	96
19) 1,1-Dichloroethane	6.216	63	41053	20.264	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	19566	18.779	ug/L	93
22) 2-Butanone	7.179	43	14583	36.073	ug/L	97
23) Bromochloromethane	7.526	128	8473m	19.155	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.679	83	38132	19.978	ug/L	96
27) 1,2-Dichloroethane	8.404	62	25975	18.674	ug/L	100
29) Cyclohexane	7.959	56	37470	22.281	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	35662	23.797	ug/L	98
31) Carbon tetrachloride	8.069	117	30222	22.381	ug/L	95
33) Benzene	8.325	78	80558	19.868	ug/L	100
34) Trichloroethene	9.093	95	21214	19.958	ug/L	89
35) Methylcyclohexane	9.337	83	37952	21.428	ug/L	98
37) 1,2-Dichloropropane	9.367	63	22004	19.803	ug/L	98
38) Bromodichloromethane	9.648	83	24438	18.469	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	26710	16.506	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	22769	32.261	ug/L	98
42) Toluene	10.386	91	82646	19.969	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	20749	15.446	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	14315	19.177	ug/L	96
46) Tetrachloroethene	10.861	164	15188	19.659	ug/L	92
48) 2-Hexanone	10.971	43	14305	27.062	ug/L	99
49) Dibromochloromethane	11.129	129	13913	17.954	ug/L	98
50) 1,2-Dibromoethane	11.233	107	12195	17.657	ug/L #	97
51) Chlorobenzene	11.654	112	44935	17.455	ug/L	96
52) Ethylbenzene	11.727	91	91189	19.533	ug/L	99
53) m,p-Xylene	11.836	106	33696	19.625	ug/L	89
54) o-Xylene	12.166	106	30499	19.290	ug/L	96
55) Styrene	12.178	104	44812	16.351	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	16716	18.245	ug/L #	94
59) Bromoform	12.349	173	7223	21.613	ug/L #	97
60) Isopropylbenzene	12.458	105	91874	26.732	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	12776	23.651	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	69564	27.231	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	66593	24.375	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	29249	19.947	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	26169	17.374	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	24622	18.444	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	2305	18.793	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	16725	16.671	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	10543	12.474	ug/L	93
71) Naphthalene	15.360	128	17688	10.968	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	7811	10.210	ug/L	93

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

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