

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
 Data File : VW022707.D
 Acq On : 29 Apr 2022 18:09
 Operator : SY/VA
 Sample : N2603-22MSD
 Misc : 6.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

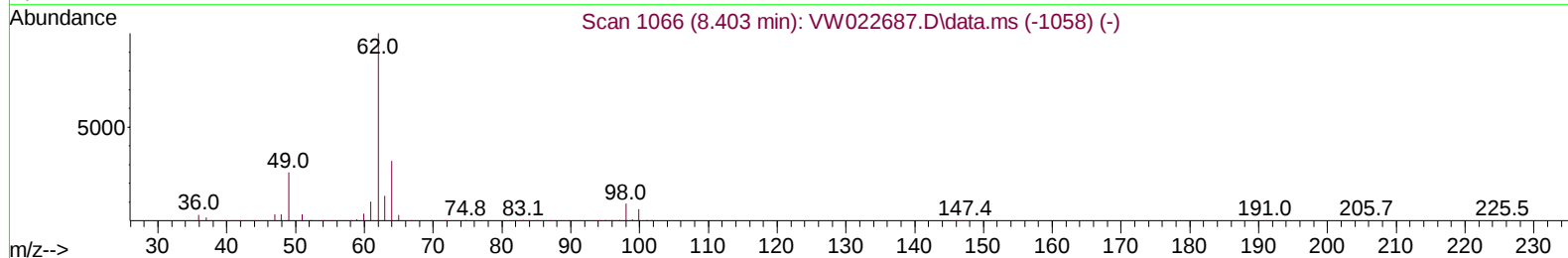
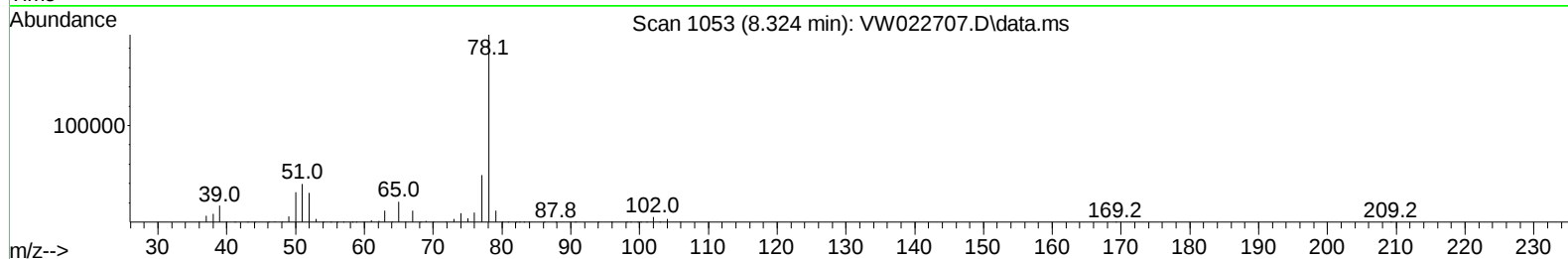
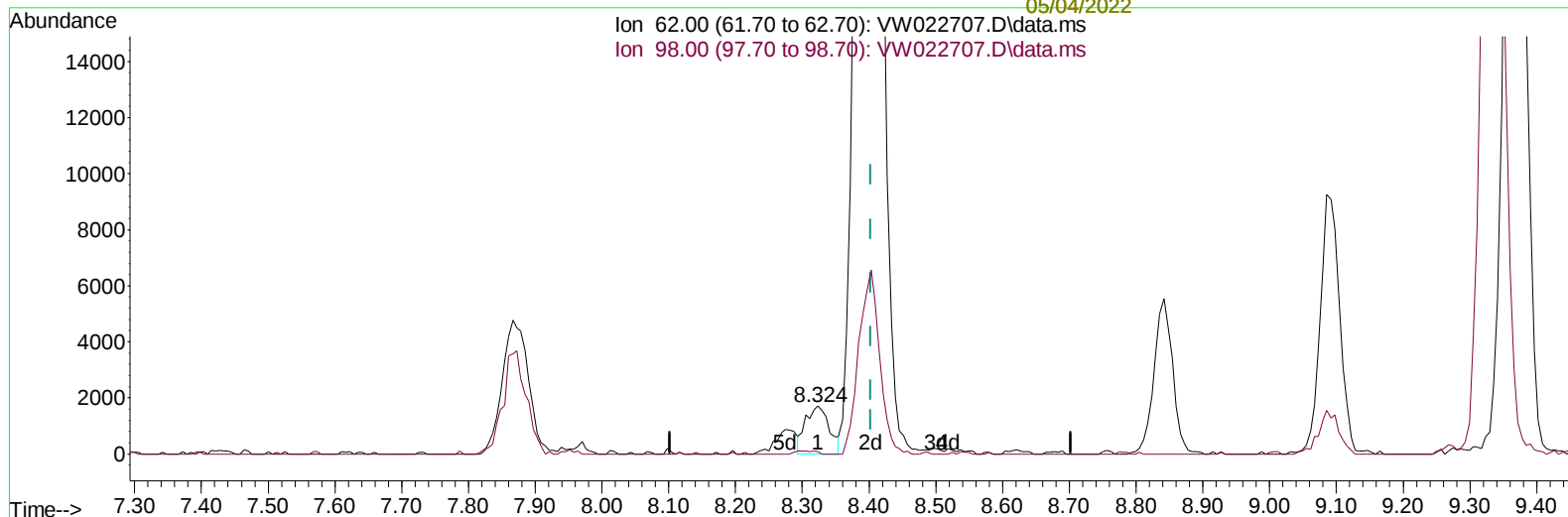
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4A1MSD

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/01/2022
 Supervised By :Mahesh Dadoda 05/04/2022

Supervised By :Mahesh
 Dadoda
 05/04/2022

Quant Time: Apr 29 22:27:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 22:19:25 2022
 Response via : Initial Calibration



TIC: VW022707.D\data.ms

(27) 1,2-Dichloroethane (T)

8.324min (-0.079) 0.70 ug/L

response 4230

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	7.70	8.15
0.00	0.00	0.00
0.00	0.00	0.00

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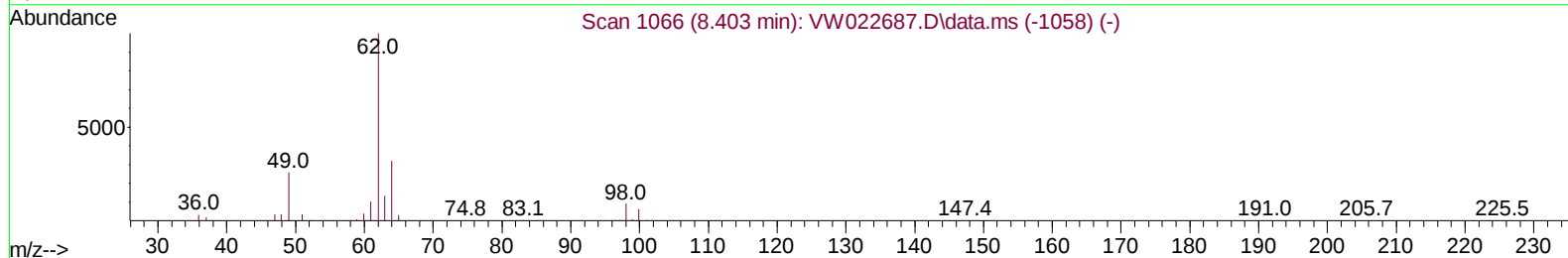
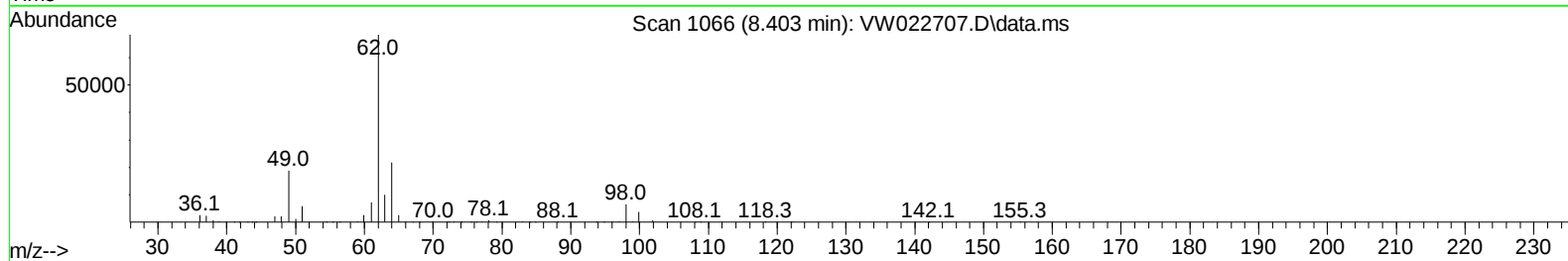
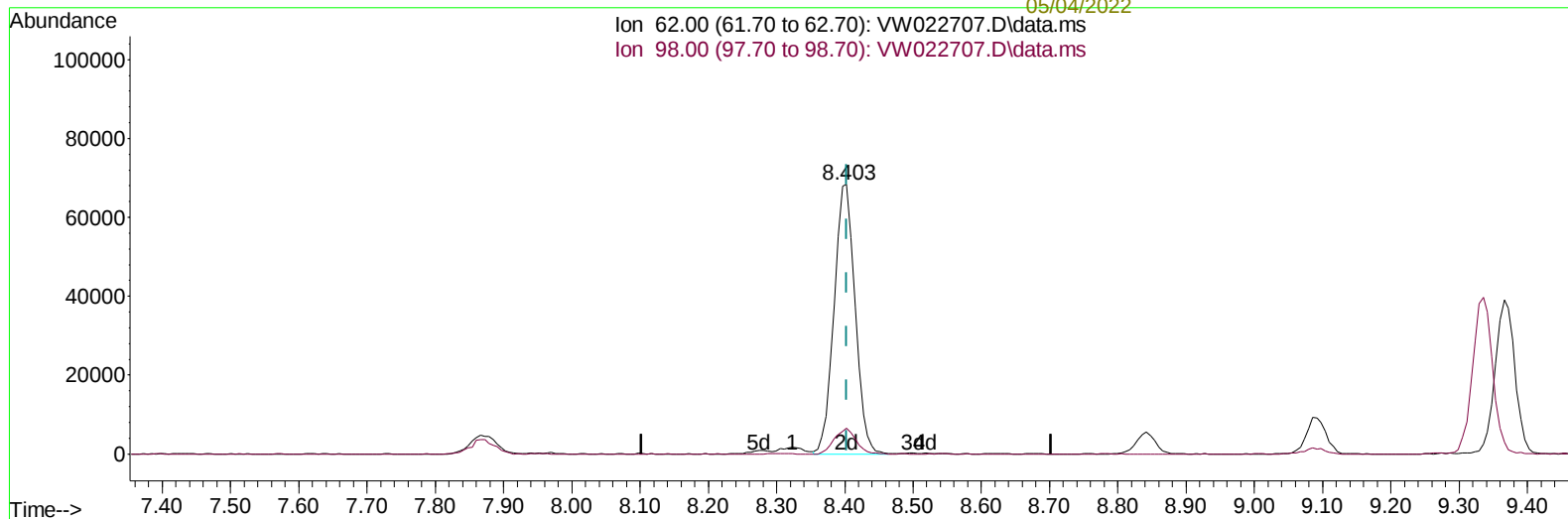
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TIC: VW022707.D\data.ms

(27) 1,2-Dichloroethane (T)

8.403min (+ 0.000) 24.14 ug/L m

response 146080

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	7.70	9.59#
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	284007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	264732	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124866	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	71910	11.453	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	45.800%	
7) Chloroethane-d5	2.885	69	64126	16.297	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	65.200%	
11) 1,1-Dichloroethene-d2	4.026	63	119773	14.708	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	58.840%	
21) 2-Butanone-d5	7.080	46	75327	68.720	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	137.440%#	
24) Chloroform-d	7.653	84	193100	21.753	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	8.305	65	108183	21.329	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	85.320%	
32) Benzene-d6	8.275	84	299738	18.532	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	74.120%	
36) 1,2-Dichloropropane-d6	9.275	67	103996	22.218	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	88.880%	
41) Toluene-d8	10.323	98	265193	16.741	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	66.960%	
43) trans-1,3-Dichloroprop...	10.573	79	41606	18.835	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	75.320%	
47) 2-Hexanone-d5	10.927	63	60191	69.118	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	138.240%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129717	32.593	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	130.360%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	106198	24.012	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	96.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	36128	25.950	ug/L	97
3) Chloromethane	2.215	50	78388	22.583	ug/L	98
5) Vinyl chloride	2.361	62	154747	21.365	ug/L	93
6) Bromomethane	2.776	94	91090	20.689	ug/L	98
8) Chloroethane	2.922	64	73882	23.300	ug/L	99
9) Trichlorofluoromethane	3.257	101	68828	25.740	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	106370	24.981	ug/L	95
12) 1,1-Dichloroethene	4.044	96	90000	23.536	ug/L #	80
13) Acetone	4.123	43	62653	83.949	ug/L	94
14) Carbon disulfide	4.385	76	199577	15.865	ug/L	100
15) Methyl Acetate	4.678	43	47541	25.384	ug/L	93
16) Methylene chloride	4.922	84	120177	28.121	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	101690	22.701	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	194587	26.597	ug/L #	83
19) 1,1-Dichloroethane	6.220	63	194222	23.762	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	118746	25.099	ug/L	85
22) 2-Butanone	7.171	43	76528	67.892	ug/L	95
23) Bromochloromethane	7.519	128	56238	27.620	ug/L	82

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Supervised By :Mahesh
 Dadoda
 05/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	219570	25.505	ug/L	97
27) 1,2-Dichloroethane	8.403	62	146080m	24.143	ug/L	
29) Cyclohexane	7.958	56	145471	19.199	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	182295	24.824	ug/L	97
31) Carbon tetrachloride	8.067	117	160923	24.415	ug/L	97
33) Benzene	8.324	78	428081	23.817	ug/L	100
34) Trichloroethene	9.092	95	112528	23.382	ug/L	98
35) Methylcyclohexane	9.336	83	161391	18.692	ug/L	95
37) 1,2-Dichloropropane	9.366	63	110466	25.655	ug/L	99
38) Bromodichloromethane	9.646	83	159537	25.765	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	171640	25.121	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	155730	59.263	ug/L	95
42) Toluene	10.384	91	482974	23.450	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	155082	25.349	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	98443	29.956	ug/L	99
46) Tetrachloroethene	10.860	164	77629	21.944	ug/L	91
48) 2-Hexanone	10.963	43	117996	63.649	ug/L #	92
49) Dibromochloromethane	11.128	129	110952	28.310	ug/L	96
50) 1,2-Dibromoethane	11.232	107	89487	27.577	ug/L	100
51) Chlorobenzene	11.658	112	306635	24.363	ug/L	94
52) Ethylbenzene	11.731	91	513053	22.224	ug/L	94
53) m,p-Xylene	11.835	106	204359	23.281	ug/L	91
54) o-Xylene	12.164	106	209750	25.006	ug/L	97
55) Styrene	12.176	104	347313	24.235	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	121005	30.000	ug/L	98
59) Bromoform	12.347	173	59111	31.858	ug/L	98
60) Isopropylbenzene	12.463	105	538149	25.945	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	90002	33.884	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	296401	25.984	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	450348	25.962	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	198426	23.571	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	206692	24.619	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	206640	27.448	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18352	29.791	ug/L	87
69) 1,3,5-Trichlorobenzene	14.621	180	114209	20.794	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	89010	19.296	ug/L	97
71) Naphthalene	15.359	128	288831	29.687	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	85714	21.739	ug/L	94

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

Manual IntegrationsAPPROVED

Supervised By :Mahesh
Dadoda
05/04/2022

TIC: VW022707.D\data.ms

05/04/2022

Abundance

Time-->

1300000

1250000

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, T

Chloromethane, T

Vinyl Chloride, T

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Acetone, T

1,1-Dichloroethane, T

Carbon disulfide, T

Methyl Acetate, T

Methylene chloride, T

1,1,1,2-Tetrachloroethane, T

1,1-Dichloroethane, T

2-Butanone-d5, S

1,2-Dichloroethane, T

Bromochloromethane, T

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

Benzene-d6, S

1,2-Dichloroethane, T

1,4-Difluorobenzene, I

Trichloroethene, T

1,2-Dichloropropane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, T

trans-1,3-Dichloropropene-d4, S

1,1,2-Trichloroethene, T

2-Pyridine, S

1,2-Dibromochloromethane, T

Chlorobenzene-d5, I

Ethylbenzene, T

m,p-Xylene, T

Bromoforn, T

1,2,3-Trichloropropane-d2, S

1,3,5-Trimethylbenzene

1,3-Dichlorobenzene, T

1,2,4-Trichlorobenzene, T

1,2-Dibromo-3-chloropropane, T

1,3,5-Trichlorobenzene

1,2,4-trichlorobenzene, T

Naphthalene

1,2,3-Trichlorobenzene, T

Styrene, T

Isopropylbenzene

1,2,4-Trimethylbenzene

1,2,4-Trichlorobenzene, T

1,2,3-Trichlorobenzene, T