Quantitation Report (Qedit)

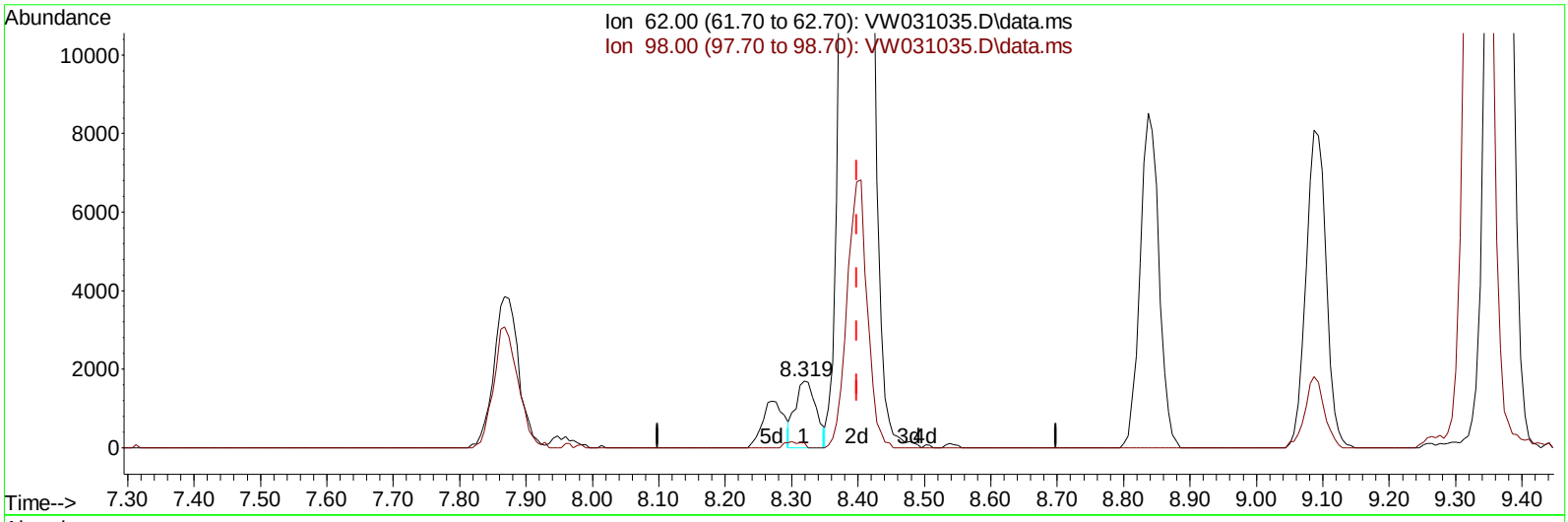
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111524\
Data File : VW031035.D
Acq On : 15 Nov 2024 19:22
Operator : SY/MD
Sample : P4872-06MS
Misc : 4.83g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

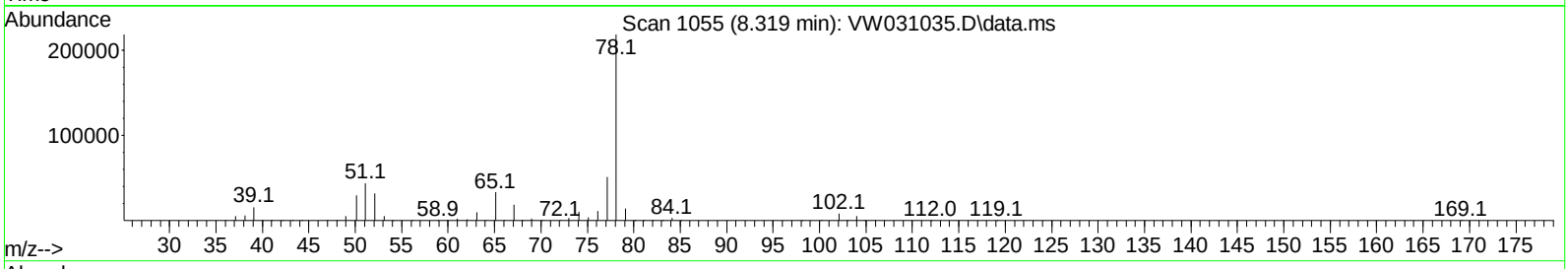
Quant Time: Nov 16 00:40:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Nov 16 00:35:12 2024
Response via : Initial Calibration

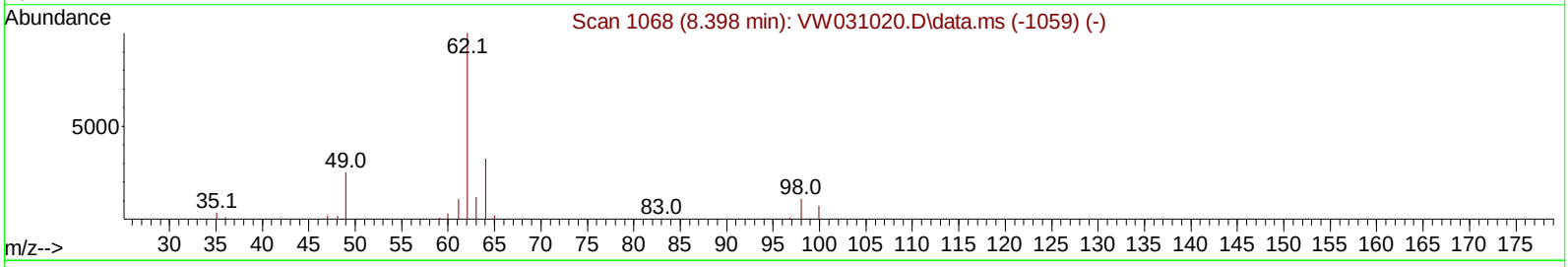
Instrument :
MSVOA_W
ClientSampleId :
E29X5MS

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/17/2024
Supervised By :Mahesh Dadoda 11/19/2024







TIC: VW031035.D\data.ms

(27) 1,2-Dichloroethane (T)

8.319min (-0.079) 0.41 ug/L

response 3753

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	8.90	7.67
0.00	0.00	0.00
0.00	0.00	0.00

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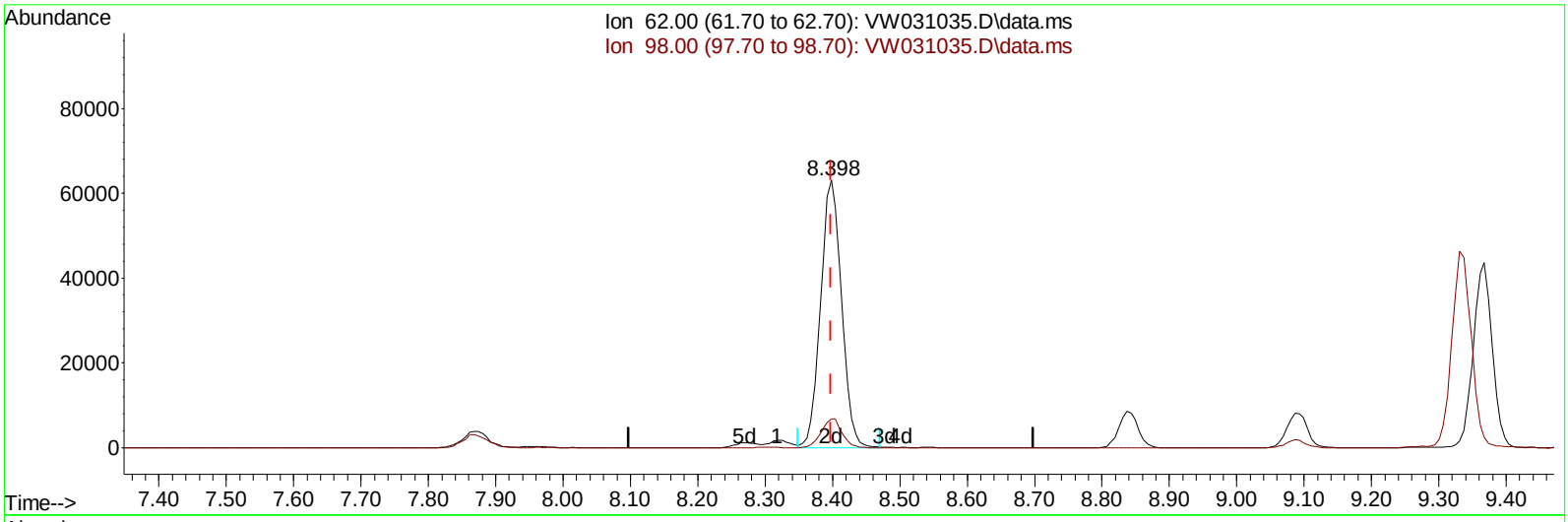

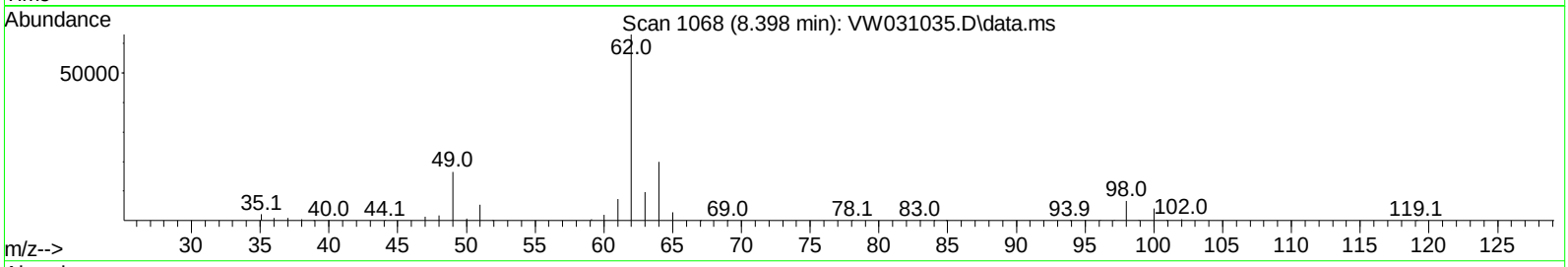

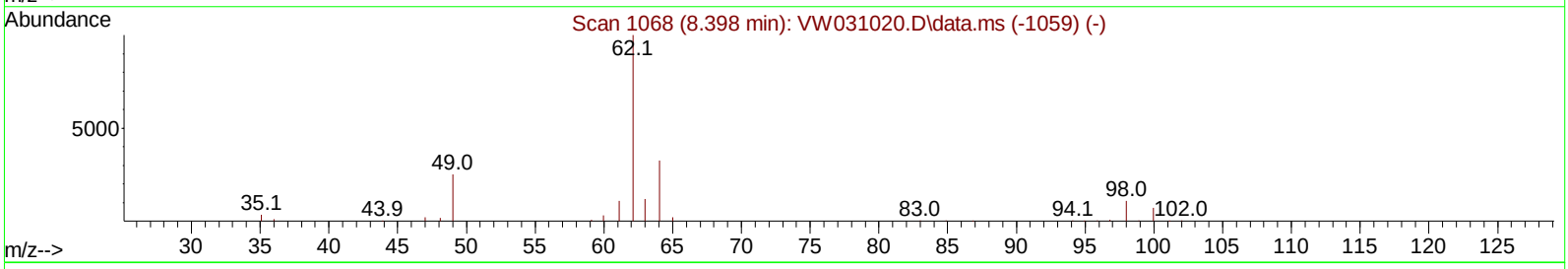

TIC: VW031035.D\data.ms

(27) 1,2-Dichloroethane (T)

8.398min (-0.000) 14.94 ug/L m

response 136587

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	8.90	10.74#
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	8.843	114	527135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	453784	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	210626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	97488	11.276	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 45.120%			
7) Chloroethane-d5	2.899	69	81445	12.283	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 49.120%			
11) 1,1-Dichloroethene-d2	4.015	65	48424	13.574	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.280%			
21) 2-Butanone-d5	7.075	46	59204	41.613	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.220%			
24) Chloroform-d	7.648	84	266564	17.153	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 68.600%			
26) 1,2-Dichloroethane-d4	8.307	65	129640	16.779	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 67.120%#			
32) Benzene-d6	8.270	84	498731	17.691	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 70.760%			
36) 1,2-Dichloropropane-d6	9.270	67	155108	18.664	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 74.640%			
41) Toluene-d8	10.319	98	437255	17.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 69.160%			
43) trans-1,3-Dichloroprop...	10.575	79	57886	17.184	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.720%			
47) 2-Hexanone-d5	10.922	63	50132	46.545	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.100%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126078	21.775	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	130249	16.977	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 67.920%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	64189	11.432	ug/L	96
3) Chloromethane	2.222	50	82955	10.964	ug/L	97
5) Vinyl chloride	2.369	62	104549	11.660	ug/L	95
6) Bromomethane	2.789	94	68747	11.677	ug/L	97
8) Chloroethane	2.936	64	63582	11.697	ug/L	97
9) Trichlorofluoromethane	3.265	101	111628	13.641	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	110036	14.606	ug/L	92
12) 1,1-Dichloroethene	4.039	96	102166	14.995	ug/L	94
13) Acetone	4.118	43	72327	41.623	ug/L	95
14) Carbon disulfide	4.387	76	307232	13.717	ug/L	98
15) Methyl Acetate	4.667	43	40663	15.954	ug/L	99
16) Methylene chloride	4.917	84	118011	15.835	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	114347	15.298	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	174098	17.256	ug/L	98
19) 1,1-Dichloroethane	6.222	63	208661	14.959	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	126361	15.935	ug/L	96
22) 2-Butanone	7.173	43	74329	38.197	ug/L	100
23) Bromochloromethane	7.514	128	58805	16.933	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.673	83	220186	15.003	ug/L	95
27) 1,2-Dichloroethane	8.398	62	136587m	14.943	ug/L	
29) Cyclohexane	7.959	56	158679	14.592	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	180673	15.500	ug/L	98
31) Carbon tetrachloride	8.069	117	162553	15.519	ug/L	98
33) Benzene	8.319	78	488959	16.717	ug/L	100
34) Trichloroethene	9.093	95	126147	15.641	ug/L	98
35) Methylcyclohexane	9.331	83	191147	14.953	ug/L	98
37) 1,2-Dichloropropane	9.367	63	123483	16.893	ug/L	98
38) Bromodichloromethane	9.642	83	148596	15.479	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	178169	16.294	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	118970	35.589	ug/L	97
42) Toluene	10.386	91	503924	16.270	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	144490	15.906	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	92096	17.553	ug/L	97
46) Tetrachloroethene	10.861	164	97114	15.750	ug/L	95
48) 2-Hexanone	10.965	43	101550	39.929	ug/L	94
49) Dibromochloromethane	11.123	129	99456	17.385	ug/L	100
50) 1,2-Dibromoethane	11.233	107	83546	17.267	ug/L	90
51) Chlorobenzene	11.654	112	316341	15.959	ug/L	98
52) Ethylbenzene	11.727	91	548833	15.683	ug/L	100
53) m,p-Xylene	11.837	106	212813	16.168	ug/L	100
54) o-Xylene	12.160	106	199986	16.512	ug/L	98
55) Styrene	12.178	104	338274	16.347	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	101061	17.650	ug/L	96
59) Bromoform	12.349	173	53969	17.944	ug/L	99
60) Isopropylbenzene	12.458	105	519661	16.174	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	70198	17.777	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	404149	15.977	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	403402	16.375	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	217152	15.393	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	222610	15.370	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	201042	15.990	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	14980	17.918	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	121780	13.009	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	94747	12.746	ug/L	96
71) Naphthalene	15.354	128	193959	16.096	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	89028	13.897	ug/L	96

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

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