Quantitation Report (Qedit)

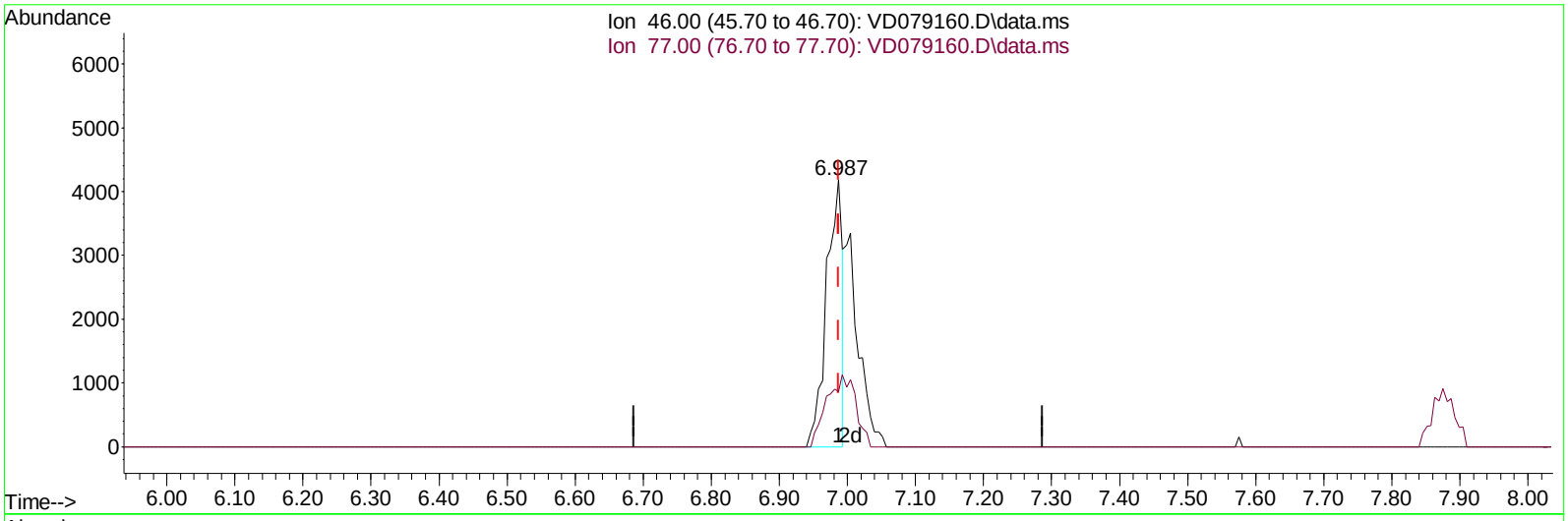
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
Data File : VD079160.D
Acq On : 10 Jun 2024 15:53
Operator : RP/MD
Sample : P2775-03MSD
Misc : 5.48G/10ml/MSVOA_D/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

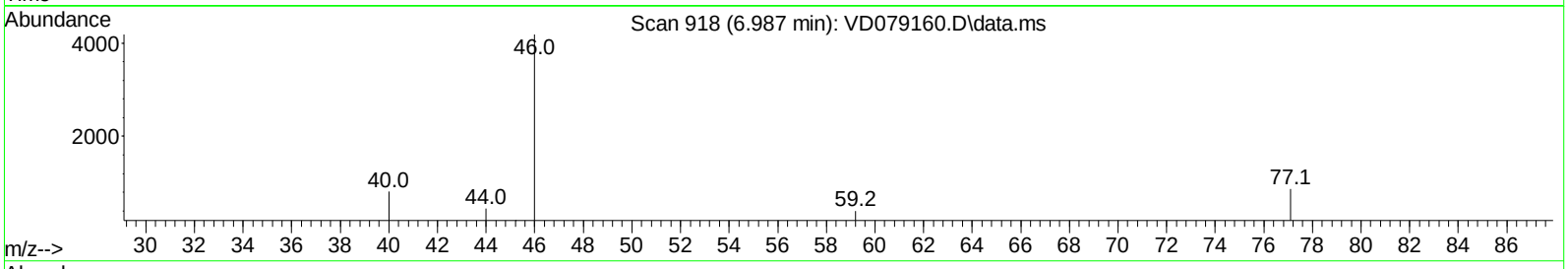
Quant Time: Jun 11 02:49:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 11 02:46:15 2024
Response via : Initial Calibration

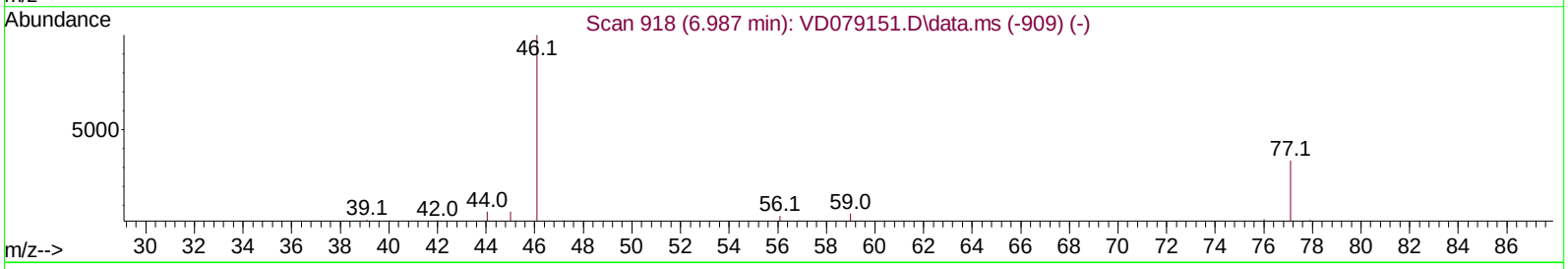
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MSD

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024







TIC: VD079160.D\data.ms

(21) 2-Butanone-d5 (S)

6.987min (+ 0.000) 19.26 ug/L

response 6840

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	28.20	48.06#
0.00	0.00	0.00
0.00	0.00	0.00

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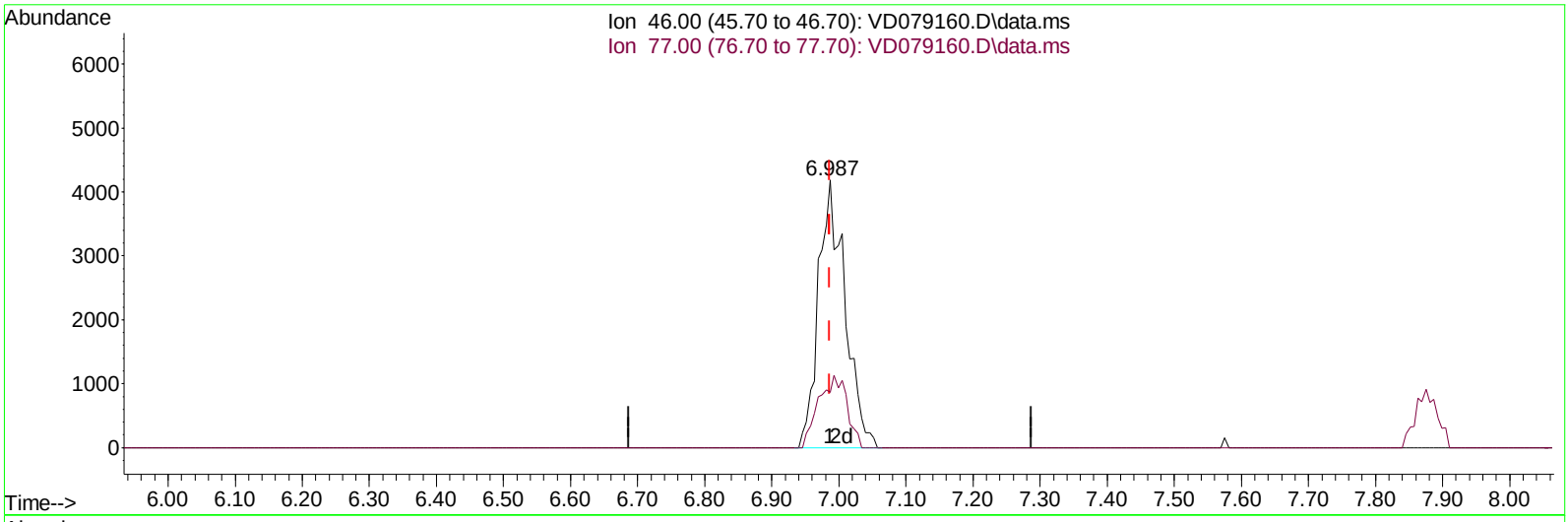

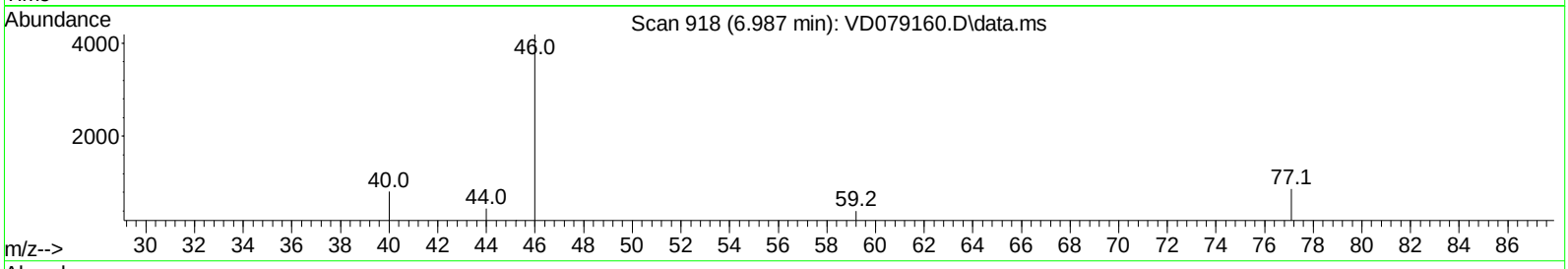

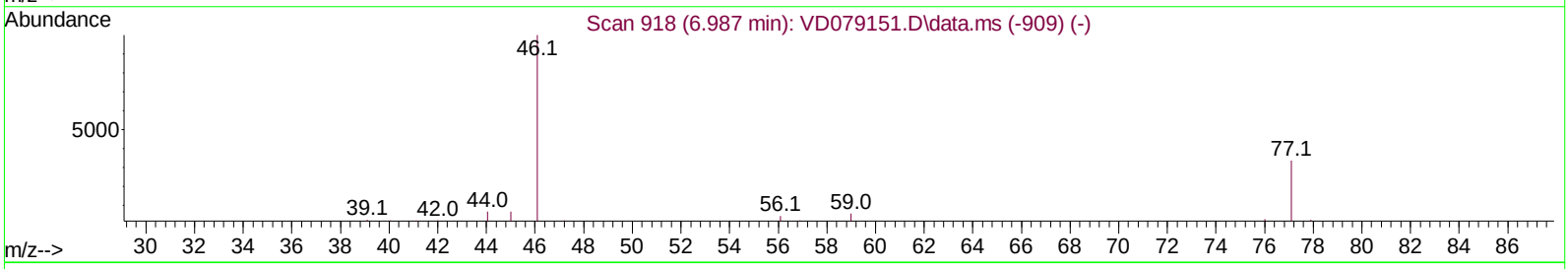

TIC: VD079160.D\data.ms

(21) 2-Butanone-d5 (S)

6.987min (+ 0.000) 32.30 ug/L m

response 11471

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	28.20	28.65
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	150894	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	122394	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	40184	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	95088	20.478	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.920%			
7) Chloroethane-d5	2.799	69	96610	21.517	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.080%			
11) 1,1-Dichloroethene-d2	3.917	65	16219	19.676	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.720%			
21) 2-Butanone-d5	6.987	46	11471m	32.298	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.600%			
24) Chloroform-d	7.569	84	93443	22.148	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.600%			
26) 1,2-Dichloroethane-d4	8.228	65	43351	22.274	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.080%			
32) Benzene-d6	8.199	84	184892	27.250	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.000%			
36) 1,2-Dichloropropane-d6	9.210	67	51714	26.459	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.840%			
41) Toluene-d8	10.269	98	153001	24.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.320%			
43) trans-1,3-Dichloroprop...	10.522	79	19052	23.192	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.760%			
47) 2-Hexanone-d5	10.875	63	10068	39.847	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.700%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	36189	20.904	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.600%			
66) 1,2-Dichlorobenzene-d4	13.816	152	27663	19.947	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	48899	20.471	ug/L	97
3) Chloromethane	2.146	50	92992	29.209	ug/L	100
5) Vinyl chloride	2.281	62	127799	24.321	ug/L	95
6) Bromomethane	2.693	94	86069	21.217	ug/L	99
8) Chloroethane	2.834	64	93849	24.368	ug/L	91
9) Trichlorofluoromethane	3.170	101	83355	20.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	48670	20.276	ug/L #	86
12) 1,1-Dichloroethene	3.940	96	45630	21.835	ug/L	90
13) Acetone	4.022	43	12664	24.629	ug/L	95
14) Carbon disulfide	4.269	76	146184	20.053	ug/L	98
15) Methyl Acetate	4.564	43	11608	16.569	ug/L	97
16) Methylene chloride	4.799	84	71760	26.690	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	52005	23.028	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	91357	22.809	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	92703	25.496	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	57025	24.250	ug/L	96
22) 2-Butanone	7.087	43	16564	30.665	ug/L	98
23) Bromochloromethane	7.428	128	28450	23.863	ug/L	89

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Instrument :
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ClientSampleId :
A4BQ3MSD

Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.593	83	102580	24.849	ug/L		100
27) 1,2-Dichloroethane	8.328	62	56541	23.594	ug/L	#	94
29) Cyclohexane	7.875	56	43214	19.569	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	81731	28.205	ug/L		98
31) Carbon tetrachloride	7.987	117	70401	26.144	ug/L		96
33) Benzene	8.252	78	220645	30.268	ug/L		100
34) Trichloroethene	9.028	95	48906	26.048	ug/L		97
35) Methylcyclohexane	9.269	83	43355	13.936	ug/L		98
37) 1,2-Dichloropropane	9.305	63	52504	29.405	ug/L		100
38) Bromodichloromethane	9.587	83	71153	28.665	ug/L		90
39) cis-1,3-Dichloropropene	10.016	75	70131	25.160	ug/L		100
40) 4-Methyl-2-pentanone	10.157	43	35810	48.043	ug/L		98
42) Toluene	10.334	91	216181	26.706	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	59395	25.199	ug/L		96
45) 1,1,2-Trichloroethane	10.734	97	40397	25.788	ug/L		96
46) Tetrachloroethene	10.810	164	33375	20.188	ug/L		95
48) 2-Hexanone	10.922	43	23029	35.704	ug/L		95
49) Dibromochloromethane	11.075	129	47003	25.338	ug/L		92
50) 1,2-Dibromoethane	11.175	107	35519	24.672	ug/L		95
51) Chlorobenzene	11.604	112	121021	22.470	ug/L		99
52) Ethylbenzene	11.681	91	183834	21.772	ug/L		99
53) m,p-Xylene	11.793	106	73163	22.085	ug/L		94
54) o-Xylene	12.122	106	70295	21.963	ug/L		98
55) Styrene	12.134	104	118874	20.947	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.669	83	36448	20.786	ug/L		92
59) Bromoform	12.298	173	24365	33.083	ug/L		99
60) Isopropylbenzene	12.422	105	150117	28.253	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	25645	36.148	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	86938	23.930	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	96789	24.909	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	60362	23.648	ug/L		99
65) 1,4-Dichlorobenzene	13.534	146	61017	22.560	ug/L		98
67) 1,2-Dichlorobenzene	13.834	146	49471	20.965	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.445	75	4066	27.879	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.592	180	21534	13.376	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	13977	10.454	ug/L	#	83
71) Naphthalene	15.328	128	30409	12.161	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	10327	8.937	ug/L		96

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

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